Newlec®

by Rexel

Making it easier



With quality, performance and value for money as standard – **the choice is easy!**

JANUARY 2017

REXEL

a world of energy

TICKS THE BOX **EVERY TIME**



Performance, quality and value for money is packed into every Newlec product and, as our recent customer survey shows, Newlec ticks the box every time!

"Quality products made to a high standard"

"Excellent value for money"

"Always available for a quick delivery"

"A catalogue that's easy to use"

"First choice from first fix to final fix"

"Safe, reliable and gives peace of mind"

"Trust them to work every time"

The Newlec catalogue is packed with products that give you great performance off the shelf.

Look out for new additions across our full range – many with time and energy saving features that tick the box every time with installers and their customers.

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NEW PRODUCTS

Energy saving residential lighting range



290mm & 350mm LED Bulkheads
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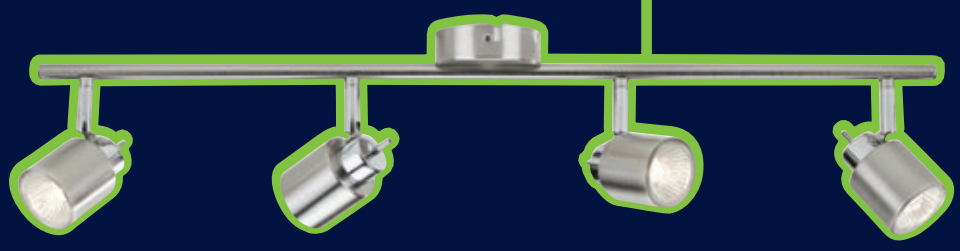
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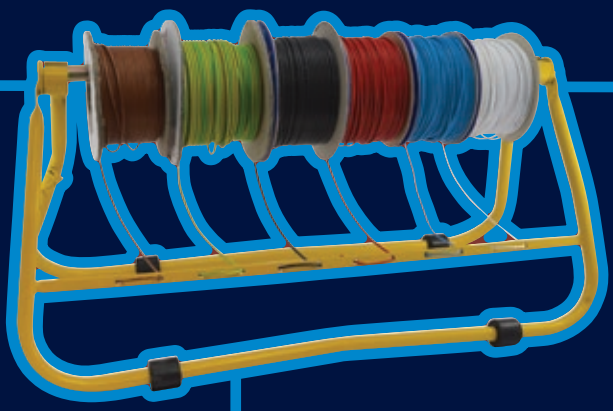
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NEW PRODUCTS

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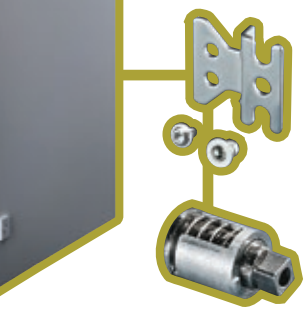
Energy savings of up to 40% with our new EcoStart energy saving motor control

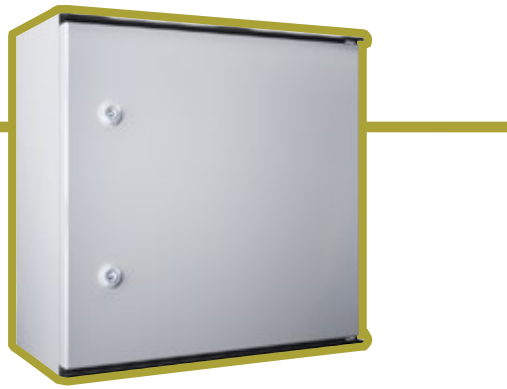


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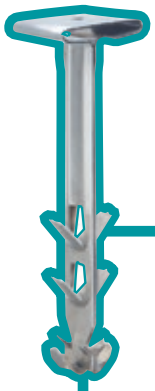


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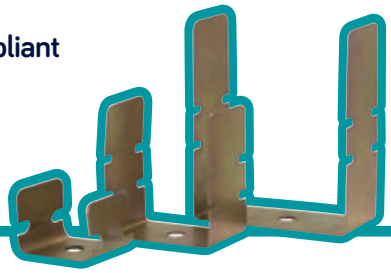




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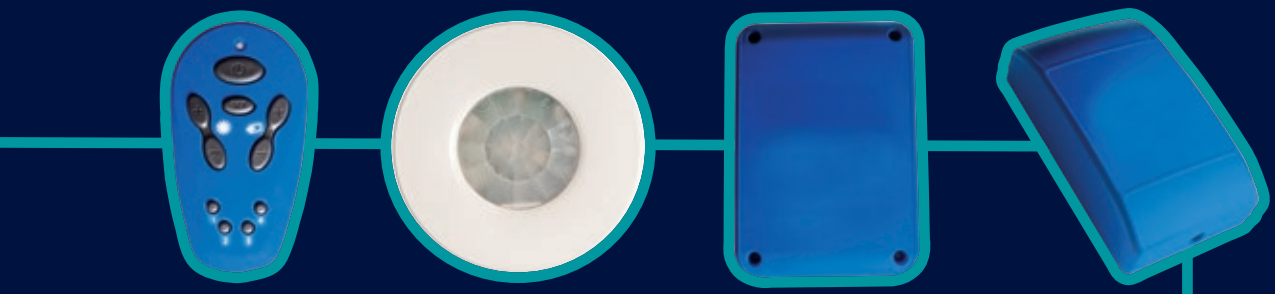
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NEW PRODUCTS

Switch on to our new range of wiring accessories



DALI Lighting Control System
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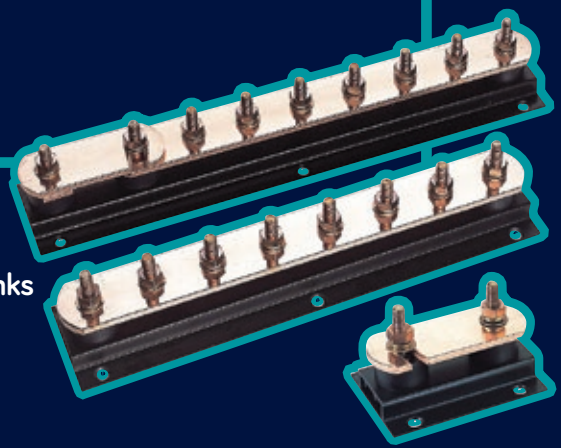
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NEW PRODUCTS

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NEW

We've made it easier to find our new Newlec products by placing the logo above within the product information, so you know that it's one of our latest additions to the Newlec range.

BEAB Approved

The BEAB Approved Mark is an electrical safety mark. It demonstrates to everyone in the supply chain that products have been evaluated to the highest European and International standards.

Technical Information

You'll find loads of technical information to support your choice of Newlec product, from Gland & Cleat selection charts to Junction Box Capacity Guides, in our Technical Information section on page 303.

Electrically Latched

Electrically Latched (Active): The device trips with loss of supply and/or loss of neutral. Suitable for applications that would be potentially dangerous if they restarted unattended upon restoration of power e.g. hedge trimmers, power tools, machine tools and manufacturing equipment.

Mechanically Latched

Mechanically Latched (Passive): These devices trip only with detection of current leakage. Contacts do not open upon loss of supply e.g. For use with vending machines, fridge/freezers, water filtration and other systems with which automatic restart is desirable after power loss.

RoHS Regulations

All Newlec products are either compliant with the requirements of the RoHS regulations or are exempt and therefore not covered by the scope of these regulations.

Pricing

Please note prices shown are rounded to two decimal places and are for guidance only. They may be subject to changes in material costs. Prices charged will be those ruling at date of despatch. E. & O.E.

All prices subject to VAT at the current prevailing rate.

Guarantees

1 YR 2 YR

Please note guarantee excludes lamps and batteries.

Lighting Section Logos



Lamp Included

Lamp Not Included

For photometric data, please ask at your local branch

WHAT DOES **CORPORATE RESPONSIBILITY** MEAN TO US?

From the products we sell to the way we run our business, we work hard to do the best we can for our customers, our staff, our local communities and the precious environment that we all share.

Corporate Responsibility at Rexel takes the form of five commitments...



For more information about these commitments in action visit **www.rexel.com**

Our popular 'Eco Days' raise awareness of environmental improvements to our day-to-day working practices.

Building the future together

Helping our customers manage and reduce their energy consumption, improving our environmental footprint, engaging with our employees on a daily basis and focusing our community involvement on helping people to win the battle against fuel poverty: these are the objectives that will guide us in driving sustainable results for our business.

Setting a good example

For its customers, contractors, heat engineers, and large companies, Rexel provides energy management solutions and encourages the use of clean energy production solutions. Rexel works to promote environmental awareness among its employees and encourages them to apply best practices in the workplace.

Raising employee, supplier and customer awareness

We hold an employee awareness week every year on environmentally responsible habits. 'Eco-Days' took place throughout the Rexel branch network, the goal of which was to raise awareness about sustainability and encourage environmentally friendly behaviour at work. Some of the themes addressed were - using consumables (paper, printing etc.), waste sorting and energy management (lights, air-conditioning etc.).

Win-win partnership

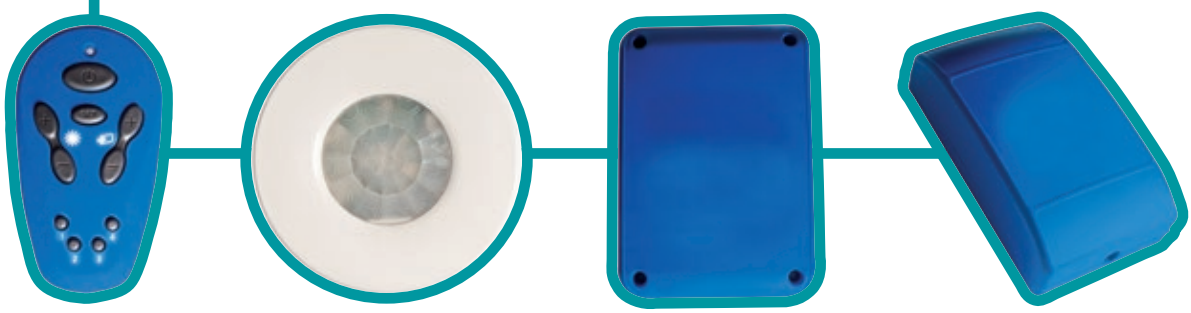
Through strong partnerships at the heart of the electrical sector, Rexel offers its customers a global vision of the challenges and the best solutions they can follow. This approach brings us into direct contact with professionals who are in touch with consumers and thus helps to spread the use of ever more efficient equipment to increase energy savings on all fronts.

Promoting environmentally efficient products and services

We strive to provide solutions that generate energy savings. In partnership with our suppliers, every year we enhance our range to make sure the solutions proposed are easy to implement. With an extensive line of green products and solid expertise in the field, we can help advise you to choose energy saving solutions.

Our prefabrication service offers environmentally friendly manufacturing, reducing transportation and product waste on site, further reducing the carbon footprint.

Save energy with our quick and easy set up DALI lighting control systems



KEEPING IT **GREEN**

WITH OUR RECYCLING SERVICES

LIMITING OUR ENVIRONMENTAL FOOTPRINT IS AT **THE HEART OF OUR BUSINESS**



*Your local branch will be able to discuss the service in greater depth and its availability in your area.

Trade Counter Recycling

Rexel offers our customers a free of charge (like for like) recycling service for WEEE products, batteries and lamps.

- Simply return your waste products to your local branch and we'll organise the recycling.
  We'll also issue you with all the statutory paperwork.
- *A small charge may be made to cover the production of statutory paperwork or to handle technically complex items such as smoke detectors.

Free of charge* recycling service for WEEE products, batteries and lamps

Lamps and Tubes Direct Recycling Service

Rexel offers customers a free of charge uplift service for the recycling of lamps and tubes from their own site.

- Customers will be issued with a lamp container free of charge if this is filled at least four times per year (*fees may apply for under weight collections).
- All subsequent uplifts, replacement empty containers, paperwork and recycling is then free for our customers (subject to the conditions above).
- Rexel will arrange for these containers to be installed on your site as required.

Free of charge* uplift service for the recycling of lamps and tubes from customers' sites

WEEE and Battery Direct Recycling Services

Rexel offers a free of charge (like for like) or competitively priced direct recycling service for all general WEEE and battery recycling.

- Please speak to your local branch for details.

Competitively priced direct recycling service for all general WEEE products and batteries

All Rexel WEEE recycling services use contractors and final disposal sites correctly licensed to handle WEEE. If you require details to complete your own Duty of Care for waste, please contact your local branch.

INSTALLING DALI
IS AS EASY AS 1,2,3!

Save time on installation and deliver maximum energy savings with the Newlec DALI Network Solution in three easy steps.

1. Wire the power supply, connection box, luminaires and occupancy detectors together
2. Automatically detect, address and configure DALI lighting ballasts
3. Use the remote control to set up, adjust lux and brightness levels and commission the system

Start saving time and energy costs with Newlec on your next installation.

- Automatic configuration of DALI lighting ballasts plus broadcast mode
- Easily set up groups and scenes, plus corridor and additional timing modes
- Presence and absence detection plus daylight harvesting for maximum energy efficiency



TICKS THE BOX EVERY TIME

Exclusive electrical products for professionals

Newlec®

UK Building Regulations – Part L

Part L refers to the conservation of fuel and power, it includes lighting and is split into four parts.

L1A – New dwellings (residential)

L1B – Existing dwellings (residential)

L2A – New buildings other than dwellings

L2B – Existing buildings other than dwellings

These changes came into effect from the 6th of April 2014.

Summary of Part L1

At least 75% of luminaires must be low energy which is defined as;

- An efficiency greater than 45 lamp lumens per circuit watt (lm/cW)
- An output of at least 400 lumens (lm)

Luminaires less than 5W total output are exempt.

Luminaires in infrequently accessed areas are exempt (e.g. cupboards).

Summary of Part L2

Depending on the area being lit, different efficiency requirements are needed.

Area of Application	Requirement England	Requirement Scotland & NI
General lighting in office, industrial & storage	60 luminaire lumens/circuit watt	55 luminaire lumens/circuit watt
General lighting in other types of space	60 luminaire lumens/circuit watt	55 luminaire lumens/circuit watt
Display lighting	22 luminaire lumens/circuit watt	22 luminaire lumens/circuit watt

The use of lighting controls is also rewarded in Part L depending on what type of control is used by applying a control factor. The control factor is multiplied by the number above (depending on area) to give the new luminaire efficiency required if a control is used.

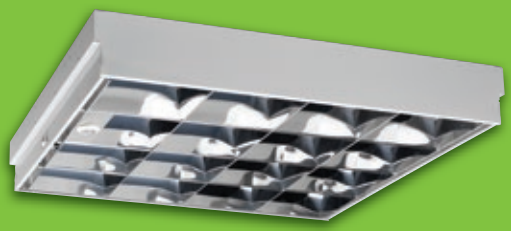
Lighting Control	Control Factor	New Luminaire Efficiency Required
(a) Daylit space with photo-switching with or without override	0.9	54 luminaire lumens/circuit watt
(b) Daylit space with photo-switching and dimming with or without override	0.85	51 luminaire lumens/circuit watt
(c) Unoccupied space with auto on and off	0.9	54 luminaire lumens/circuit watt
(d) Unoccupied space with manual on and auto off	0.85	51 luminaire lumens/circuit watt
(e) Space not daylit, dimmed for constant light	0.9	54 luminaire lumens/circuit watt
a + c	0.8	48 luminaire lumens/circuit watt
a + d	0.75	45 luminaire lumens/circuit watt
b + c	0.75	45 luminaire lumens/circuit watt
b + d	0.7	52 luminaire lumens/circuit watt
e + c	0.8	48 luminaire lumens/circuit watt
e + d	0.75	45 luminaire lumens/circuit watt

The Lighting Energy Numeric Indicator (LENI) can also be used as a calculation method for the installation.

It is important to note that all luminaires in a building have to be compliant as it is the overall efficiency of the installation that is judged. This gives flexibility to use a mix of technologies/luminaires in an installation.

All commercial Newlec luminaires have the efficiency illustrated to make your selection quicker and easier.

Traditional Luminaires (Non-LED) Warranty






The luminaire guarantee includes the housing (body), ballasts or control gear. Only wearing parts such as light sources and rechargeable emergency batteries are exempt from the guarantee.

Rechargeable emergency batteries must be used in accordance with the relevant product and applications specification. Limit values for temperatures and voltages must not be exceeded and the product not exposed to any mechanical stress.

Because of this the guarantee covers solely product failures caused by material, design or production faults.

The warranty period commences from date of purchase and is only available on products purchased directly from Rexel.

LED Warranty






Rexel uses tried and tested components from leading suppliers; however there may be isolated instances of technology related failures of individual Light Emitting Diode's (LED's) during the rated product lifetime.

In most products a failure of less than ten (10) percent or three (3) LEDs, whichever the greater, causes no functional impairment to the lighting performance of the luminaire and is therefore no reason for complaint.

The warranty period commences from date of purchase and is for either a number of years or the number of hours in use (to be proved by the buyer), whichever comes first. For the purposes of this warranty, unless actual hours can be proved by the purchaser, the number of hours of usage shall be deemed to be 4,380 hours per year respectively. The warranty is only available on products purchased directly from Rexel.

General Points for Both Warranties

During the warranty period Rexel undertakes to repair or replace free of charge at our sole discretion either the whole or any part of the product that Rexel deems to be defective as a result of material or manufacturing fault always on the condition that such repair or replacement is consistent with the manufacturer's warranty or guarantee that is in place.

If the product has been discontinued or is no longer available, Rexel will provide an alternative of similar specification and quality. Rexel is not responsible for any mis-matches with other installed products.

Once a repair or replacement is provided the warranty will remain as per the remaining time period of the original product purchase date and not the replacement/repair date.

All sales are subject to Rexel UK Limited's standard terms of sale, available on our website at www.rexel.co.uk. In the event of any conflict between the wording set out in this document and the standard terms, the standard terms of Rexel UK Limited shall prevail.



Lighting

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T5 & T8 Weatherproof/Anti-Corrosive Luminaires

The Newlec range of weatherproof luminaires are available in polycarbonate body and diffuser or GRP body and PMMA/acrylic diffuser options.

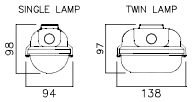
Suitable for all indoor plus outdoor 'under cover only' applications. The polycarbonate version is the best option for general purpose use in wet or dusty areas. The GRP version is the best option when improved chemical resistance is required.

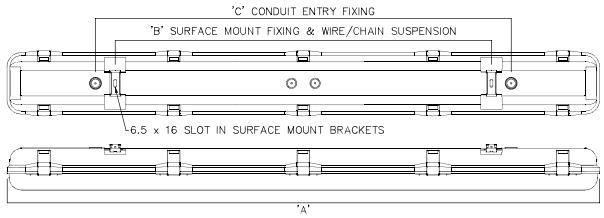
Emergency versions are only available in the polycarbonate body and diffuser, as PMMA is excluded under current regulations as an acceptable material for escape routes. Emergency luminaires should not be operated consistently below 0°C as this is the lowest temperature for a confirmed 3 year battery life.

- Vandal and heat resistant polycarbonate body, diffuser and clips as standard.
- Fast fit mounting clips avoid the need for drilling the housing on installation.
- Quick release gear tray, with retaining straps and hinged diffuser cover for quick installation and easy lamp replacement.
- 110V option suitable for temporary site work (yellow body).
- T5 options offer greater energy savings.

Size	Dimensions (mm) A	B	C	No of Clips
14W/18W/24W	660	400	554	6
28W/36W/54W	1260	800	884	10
35W/49W/58W/80W	1560	940	1024	12
70W	1835	1026	1110	14







2 YR IP65 CLASS 1

Length	Lamp Wattage (W)	Luminaire Efficiency (Llm/cW)	Order Code	Model No.	Price - Each 1 off	Emergency Order Code	Emergency Model No.	Price - Each 1 off
T5 High Efficiency Polycarbonate Body & Diffuser								
4ft	1 x 28	72	1051050077	NLWT51282	£80.10	1051050081	NLWT5128E2	£280.82
4ft	2 x 28	69	1051050078	NLWT52282	£91.20	1051050082	NLWT5228E2	£286.53
5ft	1 x 35	74	1051050079	NLWT51352	£88.67	1051050083	NLWT5135E2	£296.73
5ft	2 x 35	71	1051050080	NLWT52352	£109.91	1051050084	NLWT5235E2	£315.01
T5 High Output Polycarbonate Body & Diffuser								
4ft	1 x 54	62	1051050085	NLWT51542	£79.76	1051050089	NLWT5154E2	£291.90
4ft	2 x 54	59	1051050086	NLWT52542	£97.25	1051050090	NLWT5254E2	£323.54
5ft	1 x 49	68	1051050087	NLWT51492	£95.01	1051050091	NLWT5149E2	£310.63
5ft	2 x 49	66	1051050088	NLWT52492	£109.91	1051050092	NLWT5249E2	£329.68
T8 Polycarbonate Body & Diffuser - High Frequency								
4ft	1 x 36	66	1051050040	NLWT8136PHF2	£64.39	1051050046	NLWT8136PHFE2	£200.92
4ft	2 x 36	61	1051050041	NLWT8236PHF2	£82.76	1051050047	NLWT8236PHFE2	£211.55
5ft	1 x 58	66	1051050042	NLWT8158PHF2	£74.82	1051050048	NLWT8158PHFE2	£213.16
5ft	2 x 58	62	1051050043	NLWT8258PHF2	£96.17	1051050049	NLWT8258PHFE2	£225.32
6ft	1 x 70	64	1051050044	NLWT8170PHF2	£96.94	1051050050	NLWT8170PHFE2	£249.07
6ft	2 x 70	60	1051050045	NLWT8270PHF2	£122.89	1051050051	NLWT8270PHFE2	£259.62
T8 Polycarbonate Body & Diffuser - Switch Start								
4ft	1 x 36	55	1051050054	NLWT8136PSS2	£58.96	1051050060	NLWT8136PSSE2	£178.71
4ft	2 x 36	51	1051050055	NLWT8236PSS2	£87.17	1051050061	NLWT8236PSSE2	£207.59
5ft	1 x 58	55	1051050056	NLWT8158PSS2	£70.03	1051050062	NLWT8158PSSE2	£203.95
5ft	2 x 58	52	1051050057	NLWT8258PSS2	£94.80	1051050063	NLWT8258PSSE2	£216.67
6ft	1 x 70	53	1051050058	NLWT8170PSS2	£91.36	1051050064	NLWT8170PSSE2	£229.91
6ft	2 x 70	52	1051050059	NLWT8270PSS2	£118.62	1051050065	NLWT8270PSSE2	£248.28
T8 110V Yellow Polycarbonate Body & Diffuser - Switch Start								
5ft	1 x 58	66	1051050066	NLWT8158P110V2	£81.46	1051050067	NLWT8158P110VE2	£203.34
T8 GRP Body & PMMA Diffuser - High Frequency								
5ft	1 x 58	74	1051050068	NLWT8158AHF2	£101.97			
5ft	2 x 58	70	1051050069	NLWT8258AHF2	£126.71			
6ft	1 x 70	72	1051050070	NLWT8170AHF2	£126.71			
6ft	2 x 70	65	1051050071	NLWT8270AHF2	£144.52			

Weatherproof/Anti-Corrosive Luminaires - Replacement Clips

- Replacement stainless steel clips.
- 2ft requires 6 clips.
- 4ft requires 10 clips.
- 5ft requires 12 clips.
- 6ft requires 14 clips.

Order Code	Model No.	Price - Each 1 off
1051050076	NLWT8CLIPSS2	£0.91





Weatherproof/Anti-Corrosive Chemical Resistance Table

	GRP/ PMMA	Polycarbonate/ Polycarbonate
Ammonia <25%	●	●
Acetic Acid <5%	●	●
Acetic Acid <10%	●	●
Acetic Acid <30%	●	●
Alcohol <30%	●	●
Aluminium Chloride	●	●
Aluminium Sulphate	●	●
Ammonium Nitrate	●	●
Ammonium Phosphate 10%	●	●
Boric Acid	●	●
Carbon Dioxide	●	●
Carbon Monoxide	●	●
Carbon Tetrachloride	●	●
Caustic Soda 2%	●	●
Ether	●	●
Formic Acid 10%	●	●
Gallic Acid	●	●
Glycerin	●	●
Hydrocarbon	●	●

	GRP/ PMMA	Polycarbonate/ Polycarbonate
Hydrochloric Acid 15%	●	●
Hydraulic Oil	●	●
Kerosene	●	●
Lactic Acid	●	●
Linseed Oil	●	●
Lubricating Oil	●	●
Mineral Spirit	●	●
Nitric Acid 10%	●	●
Hydrogen Peroxide (Perhydrol)	●	●
Petroleum	●	●
Phenol	●	●
Seawater	●	●
Sodium Chloride	●	●
Sodium Hydroxide 10%	●	●
Sulphuric Acid 37.5% - Battery	●	●
Turpentine	●	●
Vegetable oils	●	●
Xylene	●	●

Key:

● = Resistant ● = Semi-Resistant ● = Non-Resistant

This information should only be used as a guide. The true chemical compatibility can only be determined under the actual conditions in the final application. Please contact your local branch if any additional information is required.

NEW
STAINLESS STEEL ESTOP
SEE PAGE 220



Suitable for wash down areas



T5 & T8 Batten Luminaires

The Newlec range of batten luminaires have a wide range of attachments allowing them to be used almost anywhere. The body is made of rigid steel channel, powder coated white (RAL9016) with colour matched injection moulded end caps. Suitable for direct fix, trunking, conduit, chain suspension or continuously mounted (using interlocking end caps).

- All switch start versions are high power factor corrected (except 18W).
- BESA entries central and at 600mm fixing centres (except 18W).
- Keyhole slots for screw fixing at 600mm centres.
- 20mm knockouts in end caps.
- T5 options offer greater energy savings.



NL11083

Size	Dimensions (mm)		
	Length	Width	Depth
T5 28W/54W	1238	58	80
T5 35W/49W	1538	58	80
T8 1 x 18W	627	58	92
T8 2 x 18W	627	89	92
T8 1 x 36W	1238	58	92
T8 2 x 36W	1238	89	92
T8 1 x 58W	1538	58	92
T8 2 x 58W	1538	89	92
T8 1 x 70W	1802	58	92
T8 2 x 70W	1802	89	92

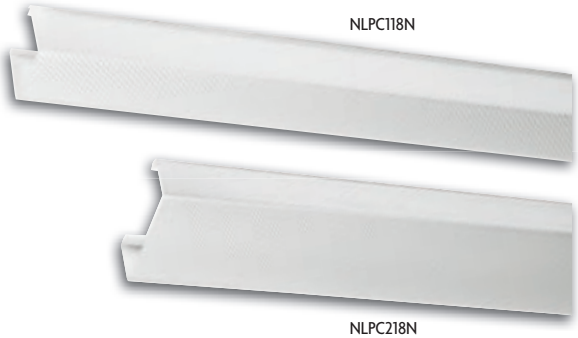
1 YR IP20 CLASS 1

Length	Lamp Wattage (W)	Luminaire Efficiency (Llm/cW)	Order Code	Model No.	Price - Each 1 off	Emergency Order Code	Emergency Model No.	Price - Each 1 off
T5 High Efficiency								
4ft	1 x 28	82	1051050127	NLBT5128	£68.54	1052069071	NLBT5128E	£207.00
4ft	2 x 28	77	1051050128	NLBT5228	£83.07	1052069072	NLBT5228E	£232.61
5ft	1 x 35	85	1051025403	NL11080	£75.91	1051025404	NL11081	£229.33
5ft	2 x 35	83	1051025407	NL11084	£90.11	1051025408	NL11085	£257.69
T5 High Output								
4ft	1 x 54	75	1051025406	NL11083	£68.54	1051025412	NL11089	£207.00
4ft	2 x 54	71	1051025410	NL11087	£83.07	1051025414	NL11091	£232.61
5ft	1 x 49	78	1051025405	NL11082	£70.97	1051025411	NL11088	£229.33
5ft	2 x 49	74	1051025409	NL11086	£84.41	1051025413	NL11090	£257.69
T8 High Frequency								
4ft	1 x 36W	88	1051025418	NL11095	£59.43	1051025419	NL11096	£210.90
4ft	2 x 36W	88	1051025425	NL11102	£76.29	1051025426	NL11103	£229.15
5ft	1 x 58W	89	1051025433	NL11110	£49.50	1051025434	NL11111	£213.90
5ft	2 x 58W	89	1051025438	NL11115	£60.55	1051025428	NL11105	£238.15
6ft	1 x 70W	96	1051025436	NL11113	£74.77	1051025421	NL11098	£239.00
6ft	2 x 70W	92	1051025440	NL11117	£92.85	1051025430	NL11107	£253.45
T8 Switch Start								
2ft	1 x 18W	71	1051025415	NL11092	£27.58			
4ft	1 x 36W	75	1051025416	NL11093	£29.47	1051025417	NL11094	£134.29
4ft	2 x 36W	75	1051025423	NL11100	£45.33	1051025424	NL11101	£150.79
5ft	1 x 58W	75	1051025431	NL11108	£31.36	1051025432	NL11109	£137.79
5ft	2 x 58W	75	1051025437	NL11114	£48.65	1051025427	NL11104	£154.29
6ft	1 x 70W	79	1051025435	NL11112	£37.79	1051025420	NL11097	£143.40
6ft	2 x 70W	79	1051025439	NL11116	£61.83	1051025429	NL11106	£168.97

Batten Attachments - Metal Reflectors & Prismatic Diffusers



NLMR4N



NLPC118N

NLPC218N

1 YR

Order Code	Model No.	Size	For Use With T8	For Use With T5	Dimensions (mm) Length	Width	Depth	Price - Each 1 off
Metal Reflector								
1050318258	NLMR4N	4ft	1/2 x 36W	1/2 x 28/54W	1238	195	130	£20.14
1050318259	NLMR5N	5ft	1/2 x 58W	1/2 x 35/49W	1538	195	130	£20.29
1050318260	NLMR6N	6ft	1/2 x 70W	-	1802	195	130	£24.30
Prismatic Diffuser								
1050318248	NLPC118N	2ft	1 x 18W	-	634	77	110	£10.25
1050318249	NLPC136N	4ft	1 x 36W	1/2 x 54W	1245	77	110	£14.90
1050318250	NLPC158N	5ft	1 x 58W	1/2 x 35/49W	1545	77	110	£17.58
1050318251	NLPC170N	6ft	1 x 70W	-	1809	77	110	£19.72
1050318254	NLPC236N	4ft	2 x 36W	-	1245	160	110	£20.82
1050318255	NLPC258N	5ft	2 x 58W	-	1545	160	110	£24.30
1050318256	NLPC270N	6ft	2 x 70W	-	1809	160	110	£27.05

EMERGENCY ASSIST ALARM KIT

SEE PAGE 87

Quick and easy to install





Surface Fluorescent Luminaires

The Newlec range of surface fluorescent luminaires have a slim and attractive profile that blends into almost any environment, with an efficient optical louvre (65°- 1,000cd/m²) that is retained by positive location shootbolts for added safety.

The body is made from rigid steel, powder coated white (RAL9016) and colour matched injection moulded end caps. The louvre is made from high grade specular aluminium. Suitable for direct fix.

- Fully integral emergency options, 3 hour duration.
- BESA entries central and at 600mm fixing centres (twin T8 versions only).
- Twin T5 variants are in single width housing.
- T5 options offer greater energy savings.



1 YR IP20 CLASS 1

Length	Lamp Wattage (W)	Luminaire Efficiency (Llm/cW)	Dimensions (mm) L	W	D	Order Code	Model No.	Price - Each 1 off	Emergency Order Code	Emergency Model No.	Price - Each 1 off
T5 High Efficiency											
4ft	1 x 28	60	1212	185	65	1051050467	NLSF128HF	£137.69	1051050471	NLSF128HFE	£272.10
4ft	2 x 28	62	1212	271	65	1051050468	NLSF228HF	£150.05	1051050472	NLSF228HFE	£284.45
5ft	1 x 35	62	1512	185	65	1051050469	NLSF135HF	£144.99	1051050473	NLSF135HFE	£279.37
5ft	2 x 35	62	1512	271	65	1051050470	NLSF235HF	£165.13	1051050474	NLSF235HFE	£306.16
T5 High Output											
4ft	1 x 54	61	1212	185	65	1051050475	NLSF154HF	£153.68	1051050479	NLSF154HFE	£288.08
4ft	2 x 54	56	1212	271	65	1051050476	NLSF254HF	£162.40	1051050480	NLSF254HFE	£296.80
5ft	1 x 49	63	1512	185	65	1051050477	NLSF149HF	£146.41	1051050481	NLSF149HFE	£280.82
5ft	2 x 49	63	1512	271	65	1051050478	NLSF249HF	£168.58	1051050482	NLSF249HFE	£314.62
T8 High Frequency											
4ft	2 x 36	54	1253	263	82	1050372934	NLSF236HF	£126.52	1050372941	NLSF236HFE	£243.10
5ft	1 x 58	43	1553	176	82	1050372935	NLSF158HF	£122.21	1050372942	NLSF158HFE	£248.56
5ft	2 x 58	53	1553	263	82	1050372936	NLSF258HF	£134.27	1050372943	NLSF258HFE	£253.43
6ft	1 x 70	55	1817	176	82	1050372937	NLSF170HF	£124.23	1050372944	NLSF170HFE	£225.44
6ft	2 x 70	54	1817	263	82	1050372938	NLSF270HF	£153.18	1050372945	NLSF270HFE	£284.62
T8 Switch Start											
4ft	2 x 36	44	1253	263	82	1050372947	NLSF236	£98.81	1050372952	NLSF236E	£230.51
5ft	1 x 58	51	1553	176	82	1050372948	NLSF158	£98.81	1050372953	NLSF158E	£230.51
5ft	2 x 58	44	1553	263	82	1050372949	NLSF258	£108.18	1050372954	NLSF258E	£239.84
6ft	1 x 70	45	1817	176	82	1050372950	NLSF170	£91.31	1050372955	NLSF170E	£195.61
6ft	2 x 70	46	1817	263	82	1050372951	NLSF270	£124.59	1050372956	NLSF270E	£256.32

T5 & T8 Recessed Modular Luminaires

The Newlec range of recessed modular luminaires features a fully enclosed body that gives additional strength, whilst reducing light spill into the void, important for open cell ceilings.

The body is made from rigid steel, powder coated white (RAL9016).

The complete range is supplied with the body and attachment (65˚- 1,000cd/m² louvre) packed together with the added benefit that if the attachment is not fitted immediately the packaging can be re-used to store it safely until required.

- Fully integral emergency options, 3 hour.
- Compatible with both 15 and 24mm exposed "T" ceilings.
- Compatible with "T" upstands up to and including the 43.5mm high Armstrong Peakform system.
- Louvre and prismatic controllers are fitted by lifting and tilting in and out of body. Louvres are supported on hanging straps for hands free re-lamping and added safety.


NL7538

Type	Dimensions (mm)		
	Length	Width	Depth
4 x 18W	611	593	90
4 x 36W	1221	593	90
4 x 14W	611	593	90
4 x 28W	1221	593	90

1 YR IP20 CLASS 1

Lamp Wattage (W)	Luminaire Efficiency (Llm/cW)	Order Code	Model No.	Price - Each 1 off	Emergency Order Code	Emergency Model No.	Price - Each 1 off
T5 High Efficiency Mod & Louvre							
4 x 14	52	1050378705	NLDMD414	£93.15	1050378706	NLDMD414E	£195.36
4 x 28	56	1050378707	NLDMD428	£167.40	1050378708	NLDMD428E	£278.39
T8 Mod & Louvre - High Frequency							
4 x 18	48	1050352379	NL7538	£63.09	1050352380	NL7539	£171.77
4 x 36	57	1050352381	NL7540	£129.80	1050352382	NL7541	£251.83
T8 Mod & Louvre - Switch Start							
4 x 18	35	1050352385	NL7544	£54.57	1050352386	NL7545	£153.38
4 x 36	49	1050352387	NL7546	£110.35	1050352388	NL7547	£211.07
T8 Mod Only - High Frequency							
4 x 18	48	1050352361	NL7520	£53.53	1050352362	NL7521	£153.74
4 x 36	57	1050352363	NL7522	£98.52	1050352364	NL7523	£205.54
T8 Mod Only - Switch Start							
4 x 18	35	1050352365	NL7524	£43.29	1050352366	NL7525	£134.63
4 x 36	49	1050352367	NL7526	£74.04	1050352368	NL7527	£175.47

T8 Recessed Modular Luminaires - Attachments

Designed for improved retention in the current recessed modular range only. The louvres use a lift and tilt system for tool free installation/maintenance.

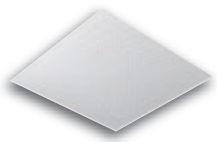
1 YR

Size	Dimensions (mm)		
	Length	Width	Depth
4 x 18W	586.5	586.5	-
4 x 36W	1191	591	-

Order Code	Model No.	Lamp Wattage (W)	Description	Material	Price - Each 1 off
1050352369	NL7528	4 x 18W	TP (b) Diffuser	Styrene	£6.29
1050352370	NL7529	4 x 36W	TP (b) Diffuser	Styrene	£12.43
1050352371	NL7530	4 x 18W	TP (a) Diffuser	PVC	£21.11
1050352372	NL7531	4 x 36W	TP (a) Diffuser	PVC	£42.18
1050352373	NL7532	4 x 18W	CAT 2 Louvre	-	£28.24
1050352374	NL7533	4 x 36W	CAT 2 Louvre	-	£45.61

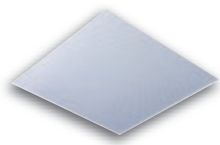
Prismatic Panels Styrene TP (b)

- TP (b) rated, not fire retardant.
- Panels are UV stabilised.
- Styrene panels have restrictions of use in open plan areas & escape routes and cannot be used for emergency luminaires.



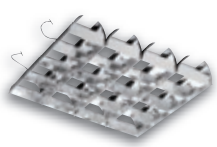
Prismatic Panels PVC TP (a)

- TP (a) rated, fire retardant.
- Panels are UV stabilised.
- PVC panels do not have restrictions of use in most open plan areas & escape routes and can be used for emergency luminaires.



Category 2 Louvres 65˚ - 1000cd/m²

- Lift and tilt louvres designed to comply with the latest requirements of CIBSE LG3 (2001) C2 65˚.
- Louvre supported on hanging straps for hands free re-lamping.



Emergency lighting is primarily intended to provide sufficient illumination to enable people to navigate their way safely out of a building in case of an emergency. Legislation now demands that the person responsible for the building ensures compliance with the standards and carries severe penalties if not adhered to.

Key parts of the Fire Safety Order Directive: 2005 are:

- The responsible person has a duty to take general fire precautions.
- The responsible person must complete a risk assessment.
- The responsible person must make fire safety arrangements.

BS566 - Emergency Lighting, the code of practice for the emergency lighting of premises

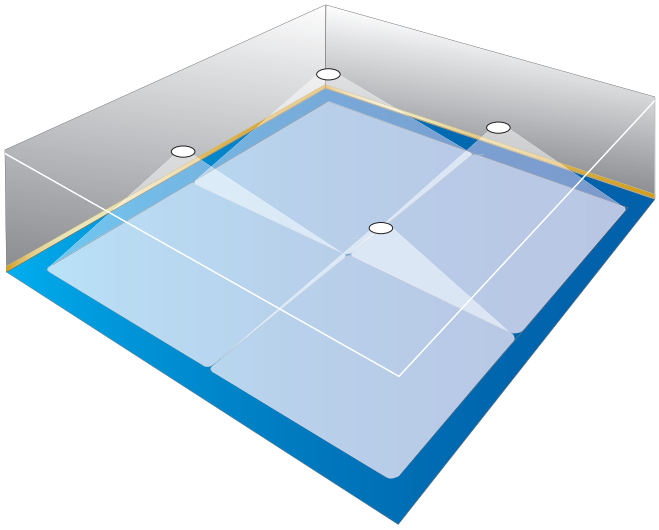
BS 5266 specifies the requirement for emergency lighting with specific lighting levels in areas of high risk, as follows:

- Kitchens
- First aid rooms
- Treatment rooms
- Refuges
- Plant, switch and winding rooms
- Fire alarm control/indication equipment
- Reception areas
- Panic bars/pads
- Swimming pool surrounds and diving areas

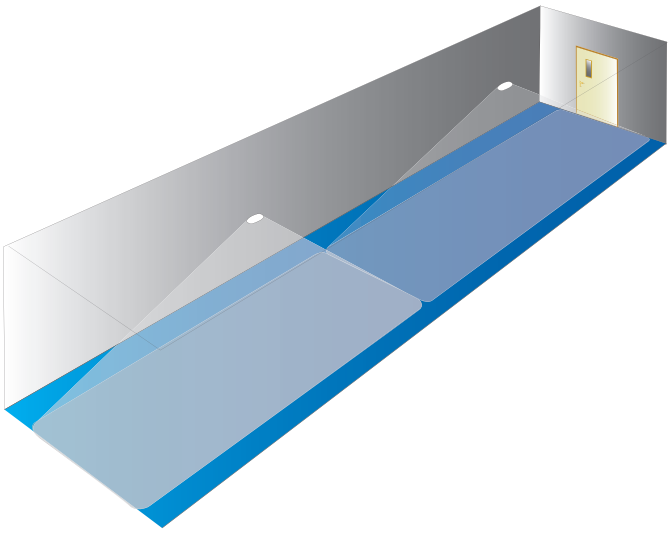
BS 5266 specifies that luminaires are positioned:

- Along escape routes
- At every change in direction
- Adjacent to any step or trip hazard
- Over every flight of stairs so each step receives direct light
- Close to fire fighting equipment and call points
- Outside every final exit

Open area (Symmetric - 0.5 Lux)



Escape Route (Asymmetric - 1 Lux)



Emergency Lighting

- **Emergency Escape Lighting**
  - **Escape Route Lighting** — This is the most likely to be used in the event of a fire. It is necessary to allow evacuation of a building as rapidly as possible.
  - **High Risk Task Emergency Lighting** — In hazardous areas where dangerous processes or situations need to be properly monitored, it is essential that emergency lighting systems are designed to meet the specific needs of the environment.
  - **Anti-Panic Open Area Emergency Lighting** — To avoid panic in large open areas, emergency lighting must enable people to move safely to the nearest suitable designated escape route.
- **Standby Lighting**

LED is now the preferred light source for all emergency lighting

LOWER MAINTENANCE COSTS

With old fluorescent and incandescent technologies lamps had to be changed regularly. The long life of LEDs means that this is no longer necessary, so maintenance cost are greatly reduced.

RELIABILITY

Fluorescent lamps were never ideally suited to being run on batteries, so blackened lamp ends were a common problem indicating that a lamp was nearing the end of its life. LEDs are well suited to running on battery power and are therefore much more reliable.

BETTER LIGHT DISTRIBUTION

Fitted with a lens, LEDs can give the precise light distribution needed for corridors.

Better light distribution means improved uniformity, better spacing and fewer fittings required to give an installation that conforms to standards.

There are only two types of exit sign legends that comply with current legislation

EUROPEAN SAFETY SIGNS DIRECTIVE

The European Safety Signs Directive calls for the following legends, which are sometimes also referred to as "Euro legends" or "man running towards door". This is the style of legend supplied as standard with Newlec emergency fittings.

There are three Euro legends in use:



"Exit to the left"



"Exit straight ahead"



"Exit to the right"

The European Safety Signs Directive is not explicit concerning the use of either an up or down-arrow to indicate "straight ahead". Both are acceptable, but we supply the arrow-down legend as standard.

Euro legends are generally used in existing installations where the format is already installed.

ISO7010 & BS5266

These two standards both use a single set of legends, sometimes referred to as "ISO7010" or "man running through door" legends. These legends are available as optional extras with Newlec emergency fittings.

There are three ISO7010 legends in use:



"Exit to the left"



"Exit straight ahead"



"Exit to the right"

Note that ISO7010 and BS5266 are explicit that "straight ahead" is to be indicated with an up-arrow.

ISO7010 legends are generally used for all new installations.

Please note: Although both legend types are in use, only one type can be used in any one installation.

LED Bulkhead

A slim multi purpose IP65 LED emergency bulkhead with a range of attachments allowing the unit to also be used as an exit sign, double sided exit sign or be recessed mounted.



NLE3B



NLE3BRMK

62% Energy Saving*
*Compared to an 8W fluorescent fitting



NLE3B & NLE3BDDA



NLE3BISOL

- Can be installed in maintained or non-maintained mode allowing complete flexibility in any installation.
- NLE3B supplied complete with Euro style legend pack for use as an exit sign, with a maximum viewing distance of 20M.
- Vandal resistant polycarbonate construction with 20mm conduit entry.

Legends & Attachments

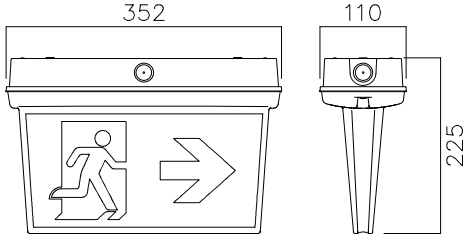
Available to be ordered as separate items;

- Semi-recessed mounting kit.
- Drop down attachment complete with Euro style & ISO7010 legend pack to enable use as a double sided exit sign (with a maximum viewing distance of 30M).
- ISO7010 legend kit for NLE3B.

5 YR IP65 CLASS 1 CE

Order Code	Model No.	Description	Price - Each 1 off
1051088376	NLE3B	2W LED IP65 3hr Emergency Bulkhead	£21.30
Attachments			
1051088377	NLE3BISOL	ISO Legend Kit for NLE3B	£3.85
1051088378	NLE3BRMK	Semi-Recessed Mount Kit	£8.64
1051088379	NLE3BDDA	Drop Down Attachment	£16.31

NLE3B & NLE3BDDA



LED Ceiling/Suspended Exit Sign

A suspended LED exit sign with a drop blade and range of legends allowing complete flexibility in any installation.

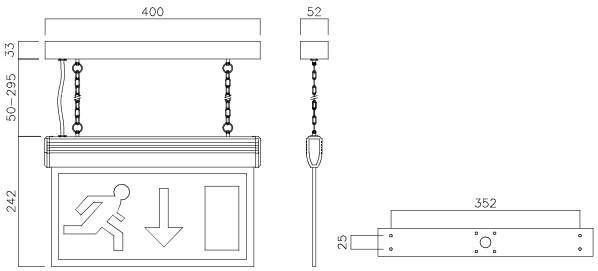
- Maintained operation with charge indicator lamp.
- Maximum viewing distance of 30M.
- White folded steel mounting box for ceiling fixing.

63% Energy Saving*
*Compared to an 8W fluorescent fitting



5 YR IP20 CLASS 1 CE

Order Code	Model No.	Description	Price - Each 1 off
1051088380	NLE3SES	3W LED 3hr Maintained White Exit Sign c/w Euro Legend Arrow Down	£49.89
Attachments			
1051088381	NLE3SESELU	Euro Legend Arrow Up	£17.28
1051088382	NLE3SESELLR	Euro Legend Arrow Left/Right	£17.28
1051088383	NLE3SESILU	ISO Legend Arrow Up	£17.28
1051088384	NLE3SESILLR	ISO Legend Arrow Left/Right	£17.28
1051088385	NLE3SESILD	ISO Legend Arrow Down	£17.28



LED Wall Exit Sign

A slim and stylish LED exit sign with a range of legends allowing complete flexibility in any installation.

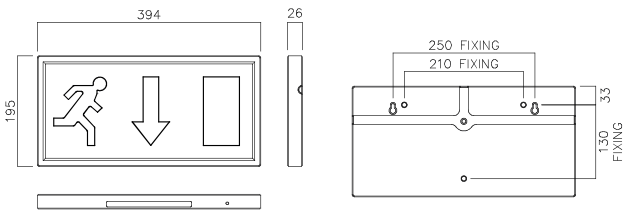
- Can be installed in multiple modes;
  - Maintained switchable
  - Maintained non-switchable
  - Non-maintained
- Supplied complete with Euro arrow down legend fitted. Up and left/right legends are also supplied loose in the packaging.
- Maximum viewing distance of 30M.
- Vandal resistant polycarbonate construction.

38% Energy Saving*
*Compared to an 8W fluorescent fitting



5 YR IP20 CLASS 1 CE

Order Code	Model No.	Description	Price - Each 1 off
1051088386	NLE3WES	5W LED 3hr Wall Exit Sign c/w Euro Legend Arrow Down	£62.46
Attachments			
1051088387	NLE3WESILU	ISO Legend Arrow Up	£5.78
1051088388	NLE3WESILD	ISO Legend Arrow Down	£5.78
1051088389	NLE3WESILLR	ISO Legend Arrow Left/Right	£5.78



LED Escape Route - Corridor/Open Area

A recessed mount emergency LED which is supplied with an additional 140mm diameter mounting disc for optional use depending on the size of the ceiling hole.

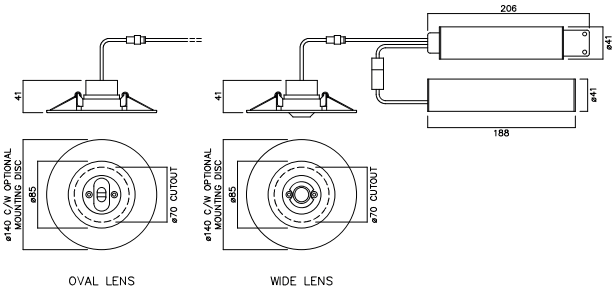


NLE3R

75% Energy Saving*
*Compared to an 8W fluorescent fitting



NLE3RC



- Non-maintained operation with a momentary manual test button fitted.
- Available with a circular distribution for open areas, or an oval distribution for corridors.
- Avoids the need for unsightly surface bulkheads.

5 YR IP40 CLASS 1 CE

Order Code	Model No.	Description	Price - Each 1 off
1051088390	NLE3R	2W Recessed LED 3hr Circular Distribution	£42.60
1051088391	NLE3RC	2W Recessed LED 3hr Oval Distribution	£42.60

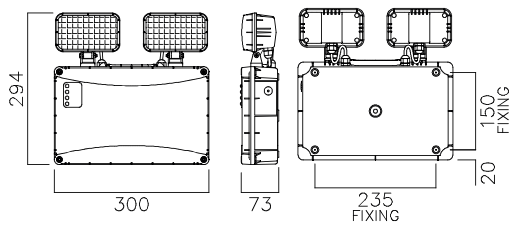
LED Twinspot

A robust LED twinspot suitable for general commercial/industrial use with a wide temperature range of 0°C to 40°C.



NLE3TS

83% Energy Saving*
*Compared to a 2 x 18W halogen twinspot



- Non-maintained operation with integrated self test function.
  - Self testing to BS5266 comprising a monthly functional test and an annual 3 hour test.
  - Indicator lamps and audible buzzer (which can be disconnected) to indicate test status.
- Suitable for mounting in any orientation.
- Injection moulded ABS body and polycarbonate heads.

5 YR IP65 CLASS 2 CE

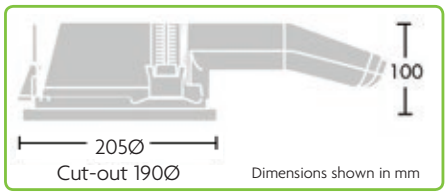
Order Code	Model No.	Description	Price - Each 1 off
1051088392	NLE3TS	2 x 3W LED IP65 3hr Non-Maintained Self Test Twinspot	£70.52

CFL Downlights

The Newlec range of CFL downlights offers style, performance and ease of installation. The decorative attachments are ideal for a variety of applications and the range also includes emergency versions for escape routes. With a wide choice of lamp wattages (from 18W to 42W) the Newlec CFL downlighter range offers a complete solution, whatever your requirement.



NLCFL118HF



1 YR IP20 CLASS 1 ENEC

Order Code	Model No.	Wattage (W)	Lamp Type	Control Gear	Luminaire Efficiency Factor (LEF)	Price - Each 1 off
1051022455	NLCFL118HF	1 x 18	4 pin G24d-2	HF	34.0	£53.56
1051022456	NLCFL126HF	1 x 26	4 pin G24d-3	HF	36.6	£54.83
1051022457	NLCFL218HF	2 x 18	4 pin G24d-2	HF	37.2	£54.42
1051022458	NLCFL226HF	2 x 26	4 pin G24d-3	HF	36.0	£55.68
1051022461	NLCFL118HFE3	1 x 18	4 pin GX4d-2	HF	29.0	£169.66
1051022462	NLCFL126HFE3	1 x 26	4 pin G24d-3	HF	32.6	£182.91
1051022463	NLCFL218HFE3	2 x 18	4 pin G24d-2	HF	33.8	£181.76
1051022464	NLCFL226HFE3	2 x 26	4 pin G24d-3	HF	36.0	£190.18

- Constructed with black polycarbonate body and specular reflector.
- Recessed depth of only 100mm ideal for shallow ceiling heights (emergency versions 200mm).
- Adjustable fixing clip suitable for ceiling systems 1-25mm.
- Quick fit user friendly tool-free installation.
- 190mm cut out for entire range, giving a neat, uniform installation regardless of wattage or attachments.



NLCFLCVL



NLCFLDGC



NLCFLDGO

- Drop Glasses (NLCFLDGC, NLCFLDGO) can be used as dual-purpose to give IP44 rating if required (when fully pushed in).

Order Code	Model No.	Description	Price - Each 1 off
1051022472	NLCFLDGC	Clear Drop Glass (Polycarbonate) - IP44 Capable	£19.17
1051022473	NLCFLDGO	Opal Drop Glass (Polycarbonate) - IP44 Capable	£19.17

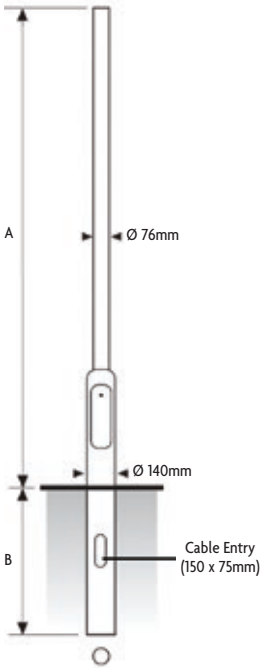


Lighting Columns

A comprehensive range of tubular and conical root mounted columns for road, carpark, residential and urban applications. Designed in accordance with BS EN40 and PD 6547:2004. Conical columns offer an aesthetic alternative to tubular columns for residential or amenity areas.



- UK delivery coverage, columns are offloaded by HIAB at no extra cost.
- Delivery vehicles are fitted with trackers to enable live updates.
- Columns 8M+ are available on request.



NL000207 - Internal Fit Adaptor



NL000095 - External Fit Adaptor



Tubular Post Top Columns

Order Code	Model No.	Dimensions					Price - Each 1 off
		A (M)	B (mm)	Base Diameter (mm)	Post Top (mm)	Door Opening (mm)	
1052090089	NL002566	3	800	140	76	500 x 100	£120.01
1052090090	NL002570	4	800	140	76	500 x 100	£138.76
1052090091	NL002574	5	800	140	76	500 x 100	£147.51
1052090092	NL002578	6	1000	140	76	500 x 100	£172.51

Conical Columns

Order Code	Model No.	Dimensions					Price - Each 1 off
		A (M)	B (mm)	Base Diameter (mm)	Post Top (mm)	Door Opening (mm)	
1052090093	NL002677	4	800	143	76	500 x 100	£362.51
1052090094	NL002678	5	800	157	76	500 x 100	£412.51
1052090095	NL002681	6	1000	174	76	500 x 100	£450.01

Column Accessories

Order Code	Model No.	Description	Price - Each 1 off
1051091672	NL000207	76mm to 60mm Spigot Adapter Internal	£37.51
1051091673	NL000095	89mm to 60mm Reducing Adapter External	£37.51

FREE DELIVERY ON ALL ORDERS OVER £350

If under £350 then the following carriage charges apply:

Delivery Area	Charge per Column	Next Day Delivery (Up to 5M)
England & Wales	£40.00	£35.00
Central Scotland	£40.00	£35.00
Highlands & Islands	POA	POA
Northern Ireland & Eire	POA	POA



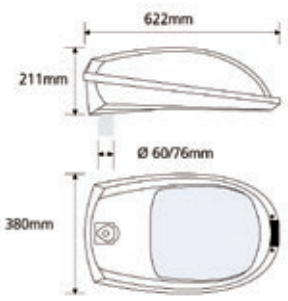
Kastra Street Lighting Luminaires

Performance street light available in HQI and SON. Made from die cast aluminium and technopolymer.

- Flat glass profile for zero upward light.
- Easy access to lamp and gear via upper canopy, quick release stainless steel catch providing tool free maintenance.
- Universal mounting system for post top mounting (60/76mm) or side entry (42/60mm).
- Typical mounting height of 5M to 6M.

Applications:
Street lighting, highways and car parks.


NL10618



1 YR IP66 CLASS 2 DARK SKY COMPLIANT CE

Order Code	Model No.	Lamp Type	Max Weight (kg)	Windage (M^2)	Price - Each 1 off
1051011822	NL10618	70W SON	8.0	0.13	£266.43
1051011823	NL10619	70W HQI	8.0	0.13	£307.82
1051011826	NL10622	150W SON	8.0	0.13	£287.01
1051011827	NL10623	150W HQI	8.0	0.13	£298.10

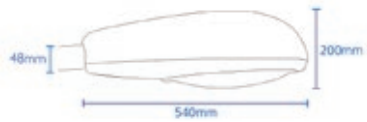
Nimbus Street Lighting Luminaires

An all-purpose street lighting lantern, Nimbus uses proven road optics to deliver great performance.

- Manufactured from die-cast aluminium with a RAL 7016 powder coat finish.
- Easy access to lamp and gear via upper canopy, quick release stainless steel catch providing tool free maintenance.
- Universal mounting system for post top mounting (60mm) or side entry (48mm).
- Typical mounting height of 5M to 6M.
- **Bracket required to fit on standard 76mm diameter column.**

Applications:
Street lighting, urban environment, hospitality/leisure, commercial and education.


NL10624



1 YR IP65 CLASS 2 CE

Order Code	Model No.	Lamp Type	Colour	Max Weight (kg)	Windage (M^2)	Price - Each 1 off
1051011828	NL10624	70W SON	Anthracite Grey	8.0	0.15	£144.66
1051011829	NL10625	70W HQI	Anthracite Grey	8.0	0.15	£147.81
1051011830	NL10626	150W SON	Anthracite Grey	8.0	0.15	£150.97
1051011831	NL10627	150W HQI	Anthracite Grey	8.0	0.15	£154.12

Accessories

Order Code	Model No.	Description	Price - Each 1 off
1050372385	NL10937	Single Outreach bracket for 76mm Diameter Column	£61.47
1050372387	NL10939	Wall Mounting Bracket	£52.01
1050372388	NL10940	Post Top Adaptor Bracket for 76mm Diameter Column	£23.65

Available to Order 3 - 5 Days

Polaris Amenity Lighting Luminaires



NL10606

A spherical luminaire with an effective light distribution, Polaris is ideal for large area amenity applications.

- Post top entry 76mm.
- Symmetrical optic.
- Typical mounting height of 5M to 6M.
- Photocell option available on request.

Manufactured from die-cast aluminium, finished in polyester powder coating. Prismatic polycarbonate lens. Access to optic, lamp and control gear via removable top cap and canopy. Sealed to a minimum IP rating of IP65.

Applications:
Urban and civic areas, parks and plazas, pathways and pedestrian areas.



1 YR IP65 CLASS 2 CE

Order Code	Model No.	Lamp Type	Colour	Max Weight (kg)	Windage (M²)	Price - Each 1 off
1051011810	NL10606	70W SON	Anthracite Grey	6.0	0.17	£268.55
1051011812	NL10608	70W HQI	Anthracite Grey	6.0	0.17	£294.07
1051011814	NL10610	150W SON	Anthracite Grey	6.0	0.17	£315.80
1051011816	NL10612	150W HQI	Anthracite Grey	6.0	0.17	£326.89

Atria Amenity Lighting Luminaires



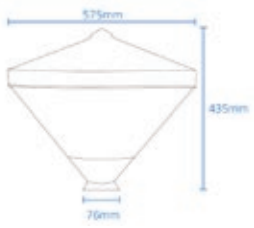
NL10614

Atria has a shape favoured for many amenity settings and a design for easy and quick maintenance.

- Post top entry 76mm.
- Symmetrical optic.
- Typical mounting height of 4M to 6M.
- Photocell option available on request.

Manufactured from die-cast aluminium, finished in polyester powder coating. Prismatic polycarbonate lens. Access to optic, lamp and control gear via removable top cap and canopy. Sealed to a minimum IP rating of IP65.

Applications:
Urban and civic areas, parks and plazas, pathways and pedestrian areas.



1 YR IP54 CLASS 2 CE

Order Code	Model No.	Lamp Type	Colour	Max Weight (kg)	Windage (M²)	Price - Each 1 off
1051011818	NL10614	70W SON	Anthracite Grey	8.0	0.15	£146.89
1051011819	NL10615	70W HQI	Anthracite Grey	8.0	0.15	£165.39
1051011820	NL10616	150W SON	Anthracite Grey	8.0	0.15	£166.66
1051011821	NL10617	150W HQI	Anthracite Grey	8.0	0.15	£174.74

Available to Order 3 - 5 Days

Cut Outs

- Suitable for column mounting, these fused cut-out units allow for the safe termination of incoming and outgoing PVC SWA cables and the fusing of the single phase supply feed to the luminaire(s).
- Designed and tested to BS 7654 and IEC/EN60947-Part 1.
- Moulded in high performance thermoplastics.
- IP43 rated.
- Red terminal block cover for safety.
- Brass plated terminal blocks.



1 YR

Order Code	Model No.	Single/3 Phase	Cable Size	Fuse Rating	Price - Each 1 off
1052080572	NLC01P	Single Phase	2 x 25mm²	6A*	£27.12
1052080573	NLC03P	3 Phase	4 x 6mm²	6A*	£35.92

Fuse Rating	Model No.	Order Code
10A	STD10	1050027792
16A	STD16	1050027793
20A	STD20	1050027794
25A	STD25	1050027795

*Please note cut outs come with a 6A fuse, if 10A, 16A, 20A or 25A required please use order codes in table above.

FEEDER PILLARS

AVAILABLE ON REQUEST

Quality feeder pillars, suitable for housing remote control gear and termination of supply cables





Wallpack



NLW70SON

The Newlec wallpack brings the rare mix of functionality and aesthetics together. The heavy duty aluminium base is complimented by the curved profile polycarbonate diffuser and supports a wide variety of lamp type options.

- Robust die-cast aluminium base with conduit entries provides rigid base ideal on uneven walls.
- Attractive, curved profile, polycarbonate diffuser with high impact resistance.
- SON, HQI and CFL versions available.
- IP65 rated, dust tight and water jet proof for stay clean operation.
- Dawn to Dusk photocell control avoids wasted energy in daylight hours.
- BESA entry on back.
- Diffuser secured by captive screws. Hinges for easy lamp replacement.

1 YR CLASS 1

Order Code	Model No.	Lamp Wattage (W)	Lamp Type	Cap	Diffuser	Photocell	IP Rating	Max Weight (kg)	Dimensions H x W x D (mm)	Price - Each 1 off
1052055651	NLW70SON	1 x 70	70W SONE (I)	E27	Polycarbonate	✘	65	2.9	308 x 182 x 264	£101.63
1052055652	NLW70SONP	1 x 70	70W SONE (I)	E27	Polycarbonate	✔	65	2.9	308 x 182 x 264	£126.25
1052055653	NLW70MH	1 x 70	70W MH (Rx7S)	RX7S	Polycarbonate	✘	65	3.1	308 x 182 x 264	£115.71
1052055654	NLW70MHP	1 x 70	70W MH (Rx7S)	RX7S	Polycarbonate	✔	65	3.1	308 x 182 x 264	£140.30
1052055655	NLW42CFL	1 x 42	42W TC-TE	GX24q-4	Polycarbonate	✘	65	3.4	308 x 182 x 264	£112.19
1052055656	NLW42CFLP	1 x 42	42W TC-TE	GX24q-4	Polycarbonate	✔	65	3.4	308 x 182 x 264	£136.81

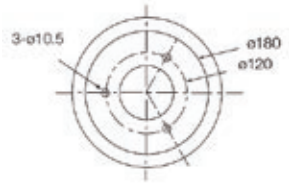
Root Mounted Bollard

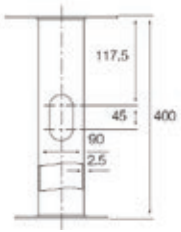


NLB70SON

Robust yet stylish bollard range which can be located on a variety of surfaces. The standard bollard can be fixed to a hard standing surface plus the use of root mount kits or posts also facilitate installation with wet poured concrete or soft ground.

- Classic slim design blends into most environments.
- Robust aluminium construction for a long durable life.
- Available in SON, HQI and CFL options.
- Can be mounted onto a wide variety of surfaces.
- Hard standing - bolt directly to surface. Wet poured concrete - use the root mount kit as first fix. Soft ground - use root mount post extension for extra stability.





1 YR CLASS 1

Order Code	Model No.	Lamp Wattage (W)	Lamp Type	Cap	Diffuser	Photocell	IP Rating	Max Weight (kg)	Dimensions H x W (mm)	Price - Each 1 off
1052055657	NLB70SON	1 x 70	70W SONE	E27	Polycarbonate	✘	65	9.2	1040 x 80	£259.87
1052055658	NLB70MH	1 x 70	70W MH (HQIE)	E27	Polycarbonate	✘	65	9.3	1040 x 80	£291.53
1052055659	NLB42CFL	1 x 42	42W TC-TE	GX24q-4	Polycarbonate	✘	65	7.2	1040 x 80	£280.97



NLBMK

Order Code	Model No.	Description	Dimensions H x W (mm)	Max Weight (kg)	Price - Each 1 off
1052055660	NLBMP	Bollard Root Mount Post (Soft Ground)	400 x 200	4.2	£62.77
1052055661	NLBMK	Bollard Root Mount Kit (Wet Poured Concrete)	-	1.3	£12.14

Symmetric Polycarbonate Small Floodlight

The range of polycarbonate floodlights is manufactured from tough, vandal resistant polycarbonate, making them a popular choice for general purpose floodlighting. Compact styling allows them to be used in a wide variety of applications. As standard all luminaires are sealed to IP65, delivering long and through-life service. A choice of lamp options include SON and HQI. Integral photocell options enhance the range.

- IP65 dust tight and water jet proof for stay clean operation.
- Dusk till dawn photocell versions avoid wasted energy in daylight hours.
- Anodised aluminium reflector.
- Steel powder coated stirrup.



NLF70SON

1 YR CLASS 1

Order Code	Model No.	Lamp Wattage (W)	Lamp Type	Cap	Diffuser	Photocell	IP Rating	Max Weight (kg)	Dimensions H x W x D (mm)	Price - Each 1 off
1052055630	NLF70SON	1 x 70	70W SON (I)	E27	Polycarbonate	✘	65	3.5	322 x 300 x 375	£54.52
1052055631	NLF70SONP	1 x 70	70W SON (I)	E27	Polycarbonate	✔	65	3.5	322 x 300 x 375	£84.05
1052055634	NLF70MH	1 x 70	70W MH (Rx7S)	RX7S	Polycarbonate	✘	65	3.9	322 x 300 x 375	£94.59
1052055635	NLF70MHP	1 x 70	70W MH (Rx7S)	RX7S	Polycarbonate	✔	65	3.9	322 x 300 x 375	£129.77
1052055636	NLF150MH	1 x 150	150W MH (HQIE)	E40	Polycarbonate	✘	65	4.1	322 x 300 x 375	£108.67
1052055637	NLF150MHP	1 x 150	150W MH (HQIE)	E40	Polycarbonate	✔	65	4.1	322 x 300 x 375	£143.83

Asymmetric Die Cast Aluminium Floodlight

The range of die-cast aluminium floodlights have a slim architectural body and with the specially designed optical system can reduce both sky glow and light trespass. When mounted with the glass horizontal to the ground, this system gives even light distribution upto 3 times that of the mounting height in front of the luminaire. With the built-in inclinometer this can be increased to 5 times, by adjusting to 20°. Available in 150W-400W SON and MH versions with the option of Dusk till Dawn photocell which avoids wasting energy in daylight hours.

- Long durable life.
- IP65 dust tight and water jet proof for stay clean operation.
- Anti-light pollution design avoids sky glow and light trespass.
- Inbuilt inclinometer aids aim and set up.
- Outstanding optical performance keeps quantity required to a minimum.
- Lens is built from toughened soda lime glass.
- Suitable for column, wall and floor mounting.
- Front frame secured by captive screws. Hinges for easy lamp replacement.



NLF400SON

1 YR CLASS 1

Order Code	Model No.	Lamp Wattage (W)	Lamp Type	Cap	Diffuser	Photocell	IP Rating	Max Weight (kg)	Dimensions H x W x D (mm)	Price - Each 1 off
1052055638	NLF150SON	1 x 150	150W SONT	E40	Tempered Glass	✘	65	10.4	505 x 172 x 433	£129.77
1052055639	NLF150SONP	1 x 150	150W SONT	E40	Tempered Glass	✔	65	10.4	505 x 172 x 433	£150.77
1052055640	NLF250SON	1 x 250	250W SONT	E40	Tempered Glass	✘	65	10.6	505 x 172 x 433	£136.81
1052055641	NLF250SONP	1 x 250	250W SONT	E40	Tempered Glass	✔	65	10.6	505 x 172 x 433	£157.20
1052055642	NLF400SON	1 x 400	400W SONT	E40	Tempered Glass	✘	65	10.9	505 x 172 x 433	£150.87
1052055643	NLF400SONP	1 x 400	400W SONT	E40	Tempered Glass	✔	65	10.9	505 x 172 x 433	£170.06
1052055644	NLF250MH	1 x 250	250W HQIT	E40	Tempered Glass	✘	65	10.4	505 x 172 x 433	£133.29
1052055645	NLF250MHP	1 x 250	250W HQIT	E40	Tempered Glass	✔	65	10.4	505 x 172 x 433	£171.96
1052055646	NLF400MH	1 x 400	400W HQIT	E40	Tempered Glass	✘	65	10.6	505 x 172 x 433	£150.87
1052055647	NLF400MHP	1 x 400	400W HQIT	E40	Tempered Glass	✔	65	10.6	505 x 172 x 433	£186.02

T5 Lowbay Luminaires

The Newlec range of T5 fluorescent lowbays offer a modern alternative to traditional HID luminaires, usually installed in warehouses, sports halls and industrial applications.

T5 offers instant illumination unlike HID combined with excellent colour rendering and lamp life. The range is available with or without PIR control and dimmable options as standard.



- Fast fix mounting plate for reduced installation time.
- Emergency options available as standard.
- Other lamp options available on request such as 2/4 x 49W and 2 x 80W.
- All T5 lamps being dimmed need to be "burnt" in for an initial 50 hours. This can be achieved via the handset which will revert to program setting once completed.

On/Off Occupancy Detection - Standard & PIR

Offers energy saving by switching the luminaire off after a predetermined time if no presence is detected, then back on at 100% when presence is detected.

Please note that lamp life will be reduced if very frequent switching occurs.



Dimensions (mm)		
Length	Width	Depth
1580	271	80

PIR detector specification

- Detection range of up to 40M at 15M mounting height.
- Maximum mounting height 20M.
- Adjustable masking shields to tailor detection range.
- Verify feature to reduce false triggering by ensuring detection from more than one of the internal sensors.

Standard & PIR additional features

- Switching with lux level sensing.
- Time delay function.
- Absence or presence detection switching.
- Manual on/off override via switch input.
- Active photocell.

3 YR IP20 CLASS 1 CE

Lamp Wattage (W)	Type	Luminaire Efficiency (Llm/cW)	Order Code	Model No.	Price - Each 1 off
4 x 80	Standard	65	1051039547	NLL480A	£232.18
4 x 80	Standard & PIR	65	1051039549	NLL480PIR	£391.51

Emergency Order Code	Emergency Model No.	Price - Each 1 off
1051039551	NLL480E	£348.96
1051039553	NLL480PIRE	£481.67

T5 Flobay Accessories



- The Newlec wire guard for the T5 range of flobay luminaires enables the fixture to be installed where there is risk of being hit. The guard is made from powder coated steel and slides into position easily. Ideal for sports halls.
- The Newlec polycarbonate cover for the T5 range of flobay luminaires enables the fixture to be installed where there is risk of glass contamination from the luminaire. The cover is also fire-rated. Ideal for food preparation areas, assembly lines and industrial applications.

Order Code	Model No.	Description	Price - Each 1 off
1051039941	NLL480WG	Flobay Wire Guard	£52.18
1051039942	NLL480PC	Flobay Polycarbonate Cover	£36.71

Metal Halide (HID) Energy Saving Lowbay

A range of energy saving lowbays that offers all the features and benefits of a standard lowbay while using a reduced wattage lamp which saves 20% energy and offers a similar light output.

Standard Energy Saving Luminaire Benefits

- Increased lamp life of 20,000hrs compared to 15,000hrs for conventional metal halide.
- Can be operated in a simple on/off mode from a mains switch.

- Installer friendly removable gear tray, with the body installed first before hooking on the gear tray.
- Standard reflector option ideal for open area lighting.
- Narrow reflector option ideal for warehouse aisles and racking lighting.
- Metal halide produces a crisp white light with good colour rendering compared to SON (Sodium) lamps.

Supplied complete with toughened glass panel



NLLB200W

Dimensions (mm)		
Length	Width	Depth
575	325	170

2 YR IP20 CLASS 1 CE

Order Code	Model No.	Description	Lamp Wattage (W)	Luminaire Efficiency (Llm/cW)	Lamp Type	Price - Each 1 off
Standard Reflector						
1051050539	NLLB200W	200W Equivalent to 250W	200	77	Tubular E40 (HQI-T)	£103.93
1051050543	NLLB320W	320W Equivalent to 400W	320	77	Tubular E40 (HQI-T)	£110.82
Narrow Reflector						
1051050537	NLLB200	200W Equivalent to 250W	200	77	Tubular E40 (HQI-T)	£103.93
1051050541	NLLB320	320W Equivalent to 400W	320	77	Tubular E40 (HQI-T)	£110.82
Accessories						
1051050109	NLLBPC1	Lowbay Polycarbonate Cover				£21.63
1051050110	NLLBWG1	Lowbay Wireguard				£17.87
1051050111	NLLBTG1	Replacement Lowbay Toughened Glass Panel				£4.82

SON (HID) Lowbay



NLLBS2501

A high quality robust shallow luminaire for use in warehouses, industrial applications and sports halls.

- Installer friendly removable gear tray, with the body installed first before hooking on the gear tray.
- Narrow reflector option ideal for warehouse aisles and racking lighting available on request.

Dimensions (mm)		
Length	Width	Depth
575	325	170

2 YR IP20 CLASS 1 CE

Removable gear tray

Order Code	Model No.	Lamp Wattage (W)	Luminaire Efficiency (Llm/cW)	Lamp Type	Price - Each 1 off
STEP 1 - Choose a Body					
1051050105	NLLBS2501	250	82	Tubular E40 (SON-T)	£104.52
1051050106	NLLBS4001	400	96	Tubular E40 (SON-T)	£113.68
STEP 2 - Choose an Accessory					
1051050109	NLLBPC1		Lowbay Polycarbonate Cover		£21.63
1051050110	NLLBWG1		Lowbay Wireguard		£17.87
1051050111	NLLBTG1		Lowbay Toughened Glass Panel		£4.82

SON (HID) Highbay



NLHS2501 & NLHMR1

Ideal for use in industrial and warehouse applications where mounting heights over 10M are required.

- Supplied as three separate parts allowing complete flexibility in any installation. This also offers an installation time saving as the parts do not have to be disassembled on site prior to installation.

	Dimensions (mm)		
	Length	Width	Depth
Body	255	205	205
Reflector	280	460Ø	

2 YR IP20 CLASS 1 CE

Supplied as three separate parts for flexibility

Order Code	Model No.	Lamp Wattage (W)	Luminaire Efficiency (Llm/cW)	Lamp Type	Price - Each 1 off
STEP 1 - Choose a Body					
1051050112	NLHS2501	250	84	Elliptical E40 SON-E	£106.17
1051050113	NLHS4001	400	98	Elliptical E40 SON-E	£120.06
STEP 2 - Choose a Reflector					
1051050116	NLHMR1		Spun Aluminium Reflector (Self Cleaning)		£33.52
1051050117	NLHPR1		Prismatic Reflector & Collar		£139.58
STEP 3 - Choose a Reflector Cover					
1051050118	NLHPC1		Clear Polycarbonate Cover		£45.06
1051050119	NLHGC1		Clear Glass Cover		£23.44
1051050120	NLWG1		Wire Guard		£24.55

Metal Halide (HID) Energy Saving Highbay

A range of energy saving highbays that offers all the features and benefits of a standard highbay while using a reduced wattage lamp which saves 20% energy and offers a similar light output.

Standard Energy Saving Luminaire Benefits

- Increased lamp life of 20,000hrs compared to 15,000hrs for conventional metal halide.
- Can be operated in a simple on/off mode from a mains switch.

Supplied as three separate parts for flexibility

- Ideal for use in industrial and warehouse applications where mounting heights over 10M are required.
- Supplied as three separate parts allowing complete flexibility in any installation. This also offers an installation time saving as the parts do not have to be disassembled on site prior to installation.
- Metal halide produces a crisp white light with good colour rendering compared to SON (Sodium) lamps.



NLHB200 & NLHMR1

	Dimensions (mm)		
	Length	Width	Depth
Body	255	205	205
Reflector	280	460Ø	

2 YR IP20 CLASS 1 CE

Order Code	Model No.	Description	Lamp Wattage (W)	Luminaire Efficiency (Llm/cW)	Lamp Type	Price - Each 1 off
STEP 1 - Choose a Body						
1051050545	NLHB200	200W Equivalent to 250W	200	79	Elliptical E40 (HQI-E)	£102.58
1051050547	NLHB320	320W Equivalent to 400W	320	77	Elliptical E40 (HQI-E)	£106.77
STEP 2 - Choose a Reflector						
1051050116	NLHMR1	Spun Aluminium Reflector (Self Cleaning)				£33.52
1051050117	NLHPR1	Prismatic Reflector & Collar				£139.58
STEP 3 - Choose a Reflector Cover						
1051050118	NLHPC1	Clear Polycarbonate Cover				£45.06
1051050119	NLHGC1	Clear Glass Cover				£23.44
1051050120	NLWG1	Wire Guard				£24.55

2D Bulkheads

A range of vandal resistant low energy bulkheads for wall or ceiling mounting in interior or exterior locations. Multiple options are available in black or white with opal or prismatic diffusers to suit any application.


NL3750


NL10594


NL3765


NL10582

- Tough vandal resistant polycarbonate body.
- Clear honeycomb or opal polycarbonate diffuser options.
- Suitable for surface mounting with rear BESA entry, side entry (25mm conduit) for through wiring with entry into 3 way terminal block.
- All internal components are fixed to a white pre coated gear tray which has a unique (tool free) click fit into base, to make maintenance quick and easy.
- Energy saving photocell sensor options available.

Type	Dimensions (mm) Length	Width	Depth
Round 16W	-	230	101
Round 28/38W	-	300	101
Square 16W	196	196	101
Square 28W	266	266	101

1 YR IP65 CLASS 1

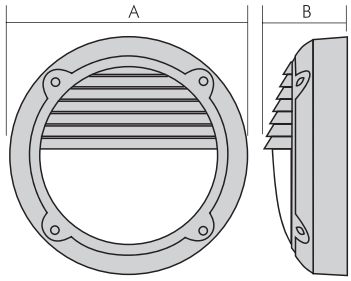
Shape	Base Colour	Wattage (W)	Diffuser	Photocell	Luminaire Efficiency (Llm/cW)	Order Code	Model No.	Price - Each 1 off	Emergency 3hr Order Code	Emergency 3hr Model No.	Price - Each 1 off
Switch Start - Round											
Round	Black	16W	Prismatic	✗	31	1050152218	NL3751	£25.89	-	-	-
Round	Black	16W	Opal	✗	24	1050152217	NL3750	£25.89	-	-	-
Round	Black	28W	Prismatic	✗	40	1050152228	NL3761	£37.06	-	-	-
Round	White	16W	Prismatic	✗	31	1050152219	NL3752	£25.89	-	-	-
Round	White	16W	Opal	✗	26	1050152220	NL3753	£25.89	-	-	-
Round	White	16W	Opal	✔	26	1050152221	NL3754	£46.61	-	-	-
Round	White	28W	Prismatic	✗	40	1050152230	NL3763	£37.06	-	-	-
Round	White	28W	Opal	✗	31	1050152229	NL3762	£37.06	-	-	-
Round	White	38W	Opal	✗	28	1050152238	NL3771	£46.18	-	-	-
High Frequency - Round											
Round	Black	16W	Prismatic	✗	39	1050369136	NL10594	£34.30	-	-	-
Round	Black	16W	Opal	✗	31	1050369137	NL10595	£34.30	-	-	-
Round	Black	28W	Prismatic	✗	62	1050369140	NL10598	£43.18	-	-	-
Round	White	16W	Prismatic	✗	40	1050369138	NL10596	£34.30	-	-	-
Round	White	16W	Opal	✗	33	1050369139	NL10597	£34.30	-	-	-
Round	White	28W	Prismatic	✗	65	1050369144	NL10602	£43.18	1050369146	NL10604	£144.98
Round	White	28W	Opal	✗	53	1050369145	NL10603	£43.18	1050369147	NL10605	£144.98
Switch Start - Square											
Square	Black	16W	Prismatic	✗	31	1050152223	NL3756	£25.92	-	-	-
Square	Black	28W	Prismatic	✗	40	1050152232	NL3765	£37.06	-	-	-
Square	White	16W	Prismatic	✗	32	1050152224	NL3757	£25.92	-	-	-
Sqaure	White	28W	Prismatic	✗	40	1050152234	NL3767	£37.06	-	-	-
High Frequency - Square											
Square	Black	16W	Prismatic	✗	39	1050369124	NL10582	£34.30	-	-	-
Square	Black	28W	Prismatic	✗	63	1050369128	NL10586	£43.18	1050369130	NL10588	£144.98
Square	White	16W	Prismatic	✗	41	1050369126	NL10584	£34.30	-	-	-
Square	White	28W	Prismatic	✗	71	1050369132	NL10590	£43.18	-	-	-

Exterior Bulkheads

An aesthetically pleasing version to standard 2D bulkheads, this vandal resistant fitting comes with an eyelid ideal for illuminating walkways with no upward light.

- Quick and easy installation.
- Upgrade to LED using LED Lamps on page 65.

Dimensions (mm)	
A	B
283	113





NL10489

3 YR IP65 CLASS 1

Order Code	Model No.	Diffuser	Lamp Type	PIR Option	Luminaire Efficiency (Llm/cW)	Price - Each 1 off
1050368174	NL10487	Black	60W BC GLS	✘	-	£35.36
1051091690	NL10487PIR	Black	60W BC GLS	✔	-	£40.10
1050368176	NL10489	Black	16W 2D 2Pin	✘	66	£55.59
1051091691	NL10489PIR	Black	16W 2D 2Pin	✔	66	£52.74

NEW
ENERGY EFFICIENT JET DRYER
SEE PAGE 248
Offering the ultimate in fast, hygienic hand drying
Newlec

Exterior LED & PIR Bulkheads

Standard Bulkheads

The Newlec standard bulkhead is a robust luminaire ideal for all commercial and residential external lighting requirements.



NLBUPCCLR



NLBUPCRED

- IP65 rated for exterior installation.
- Polycarbonate body for added vandal resistance.
- 20mm knockouts for easy installation.

1 YR IP65 CE

Order Code	Model No.	Lamp Type	Base	Diffuser	Price - Each 1 off
1051042826	NLBUPCCLR	Up to 60W GLS ES	Black	Clear	£9.34
1051042827	NLBUPCRED	Up to 60W GLS ES	Black	Red	£12.22

Standard LED Bulkheads

The standard LED bulkhead offers all the features and benefits of the traditional standard rectangular bulkhead with the added benefit of LED technology for increased energy saving.



NLLRB1



NLLRB1PIR

- IP65 rated for exterior installation.
- PIR option available for added energy saving.
- Up to 50,000 hours of life for long term operation.

Traditional Product > Replaced by

60W Halogen > 8W LED Bulkhead

Energy Saving* 87%

Lifetime Cost Savings* £364

* Lifetime savings are based on the reduction in wattage between the traditional product and the new equivalent, multiplied by the life hours of the new product and then by the average cost of Electricity; 0.14p per KWH

5 YR IP65 CE

Order Code	Model No.	Wattage (W)	Lumens (lm)	Efficiency (Llm/W)	Colour Temp (K)	CRI	Life L70	PIR Option	Price - Each 1 off
1051091686	NLLRB1	8	650	81	5000	80+	50,000	✘	£27.08
1051091687	NLLRB1PIR	8	650	81	5000	80+	50,000	✔	£31.40

Decorative LED Bulkheads

A robust and aesthetically appealing bulkhead ideal for use in residential areas.



NLLRB2



NLLRB2PIR

- PIR option available for added energy saving.
- Polycarbonate body for added vandal resistance.

Traditional Product > Replaced by

40W Halogen > 5W LED Bulkhead

Energy Saving* 88%

Lifetime Cost Savings* £147

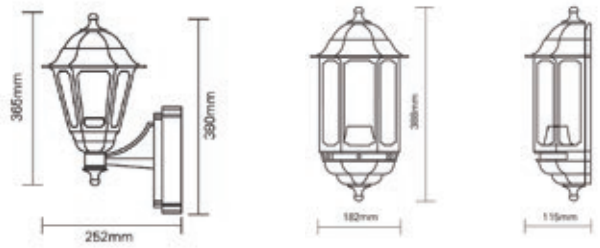
* Lifetime savings are based on the reduction in wattage between the traditional product and the new equivalent, multiplied by the life hours of the new product and then by the average cost of Electricity; 0.14p per KWH

3 YR IP55 CE

Order Code	Model No.	Wattage (W)	Lumens (lm)	Efficiency (Llm/W)	Colour Temp (K)	CRI	Life L70	PIR Option	Price - Each 1 off
1051091688	NLLRB2	5	310	62	5000	80+	30,000	✘	£35.67
1051091689	NLLRB2PIR	5	310	62	5000	80+	30,000	✔	£44.18

Coach & Wall Lanterns

- Vandal resistant polycarbonate with anti-weathering benefits.
- 110° PIR operates at 6M to reduce nuisance activations.
- PIR units have a pre-set time of 2-3 minutes and can be switched to permanent lighting.





NLHLBPIR NL10491

3 YR IP44 CE

Order Code	Model No.	Colour	Lamp Type	PIR Option	Price - Each 1 off
Half Wall Lantern					
1050325698	NLHLB	Black	BC 60W GLS / 9W CFL	✘	£33.24
1050325700	NLHLBPIR	Black	BC 60W GLS / 9W CFL	✔	£53.44
Coach Lantern					
1050325691	NLCLB	Black	BC 60W GLS / 9W CFL	✘	£33.24
1050368178	NL10491	Black	BC 60W GLS / 9W CFL	✔	£53.44

Coach & Wall LED Lanterns

The Newlec range of LED lanterns are stylish, robust and easy to install. The lanterns are constructed from polycarbonate material for added vandal resistance and are suitable for all exterior applications including coastal areas.

- PIR option available for added energy saving.



NLLHWLBPIR NLLCLB

Traditional Product > Replaced by

60W BC Lantern > 10W LED Lantern

Energy Saving* 83%

Lifetime Cost Savings* £210

* Lifetime savings are based on the reduction in wattage between the traditional product and the new equivalent, multiplied by the life hours of the new product and then by the average cost of Electricity; 0.14p per KWH

3 YR IP44 CE

Order Code	Model No.	Wattage (W)	Lumens (lm)	Efficiency (Llm/W)	Colour Temp (K)	CRI	Life L70	PIR Option	Price - Each 1 off
Half Wall Lantern									
1051091676	NLLHWLB	10	440	44	4,000	80+	30,000	✘	£31.97
1051091677	NLLHWLBPIR	10	440	44	4,000	80+	30,000	✔	£38.34
Coach Lantern									
1051091674	NLLCLB	7	370	52	4,000	80+	30,000	✘	£33.12
1051091675	NLLCLBPIR	7	370	52	4,000	80+	30,000	✔	£40.27

Halogen Floodlights

NLF400B



- Die cast aluminium construction.
- Supplied with C Class energy saving lamps.

3 YR IP55 CLASS 1

Order Code	Model No.	Colour	Lamp Wattage (W)	Lamp Length (mm)	Price - Each 1 off
1050378536	NLF400B	Black	400	118	£7.93

PIR Halogen Floodlight

NLF400BP



- 180° PIR with 12M range.
- Moveable detector allows horizontal and vertical adjustment of PIR.
- Manual override via rapid switching.
- Adjustable light on time from 5 seconds - 5 minutes.
- Built in photocell prevents daytime operation.

3 YR IP55 CLASS 1

Order Code	Model No.	Colour	Lamp Wattage (W)	Lamp Length (mm)	Switching Capacity (W) Resistive	Switching Capacity (W) Inductive	Price - Each 1 off
1050378538	NLF120BP	Black	120	78	2300	375	£23.16
1050378540	NLF400BP	Black	400	118	2300	375	£23.16

Professional PIR Halogen Floodlight

NLPF400BP



- 200° PIR with 12M range.
- Scrolling LED 'system live' status acts as advance deterrent.
- Adjustable light on time from 5 seconds - 18 minutes.
- Manual override via rapid switching.
- Moveable detector allows horizontal and vertical adjustment of PIR.
- Built in photocell prevents daytime operation.
- Optional holiday mode allows light on time setting between 1 and 8 hours.

3 YR IP55 CLASS 1

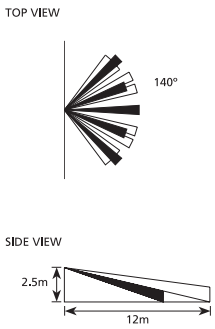
Order Code	Model No.	Colour	Lamp Wattage (W)	Lamp Length (mm)	Switching Capacity (W) Resistive	Switching Capacity (W) Inductive	Price - Each 1 off
1050378542	NLPF400BP	Black	400	118	3000	375	£57.34

Stand Alone PIR

- Designed for external use only - for internal use, refer to Newlec occupancy detectors on pages 49 - 51.
- Day and night or night only operation.
- Switches incandescent and fluorescent loads. When switching T5 loads, the 'on time' should be greater than 15 minutes to minimise lamp life reduction.
- Lens can be masked to reduce nuisance detection.
- Adjustable time from 5 seconds to 5 minutes.
- Adjustable lens angle to optimise detection zone.
- Manual override function available.
- PIRs can be 'daisy chained' to a single load, providing the maximum load does not exceed the minimum PIR load rating.

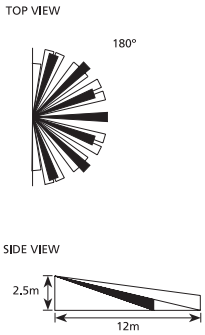
NLPIRW1A





NLPIRB2A





3 YR CLASS 2

Order Code	Model No.	Colour	Detection Angle	Switching Capacity (W) Resistive (Halogen)	Switching Capacity (W) Inductive (Fluorescent)	IP Rating	Adjustable Lux Level	Manual Overide	Price - Each 1 off
1050378531	NLPIRB1A	Black	140°	1000	500	IP44	✔	Separate Switch	£21.04
1050378532	NLPIRW1A	White	140°	1000	500	IP44	✔	Separate Switch	£21.04
1050378533	NLPIRB2A	Black	180°	2300	500	IP55	✔	Existing Switch	£35.97
1050378534	NLPIRW2A	White	180°	2300	500	IP55	✔	Exisiting Switch	£35.97

NEW

EASY FIT RANGE OF ELECTRIC SHOWERS

SEE PAGE 263



Ideal for retrofit with multi entry connections

Photocells

NL5601



NL5605



- Photocells provide dusk-dawn operation of external lights.
- Kit includes, photocell, NEMA socket, gasket, wall mounting bracket, and fixing screws.
- The photocell is also available separately without bracket, screws, gasket and socket as 'Photocell Only'.
- All UV stabilised polycarbonate construction.
- All versions feature a photodiode or photoIC sensor which ensures excellent switching accuracy.
- Operating voltage 198V to 264V 50Hz.
- Offers excellent energy/cost saving opportunities.

NL5601/NL5600

- Fully electronic circuit design with electromagnetic load switch.
- Consumes less than 0.5W (Day and Night).

NL5605

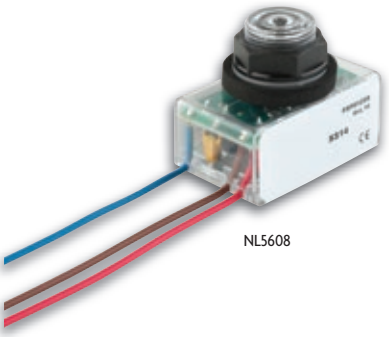
- Fully electronic circuit design with electromagnetic load switch.
- Consumes less than 0.25W (Day and Night).
- Heavy duty load switching capacity.
- Surge suppression extends life by protecting the circuit from high voltage transients.

Part night photocell available on request.

1 YR IP65 CLASS 2 CE

Order Code	Model No.	Part Night	Surge Suppressed	Max Resistive Load (Including Halogen)	Max Inductive Load	Switch On/ Off Light Level (Lux)	Sensor	Switching Operations	Operating Temperature	Price - Each 1 off
Photocell Only										
1000005886	NL5600	✗	✗	1000W (4A)	500W (2A)	70/105	Photodiode	10,000	-20˚C to +70˚C	£18.31
Photocell Kits (Comprises photocell, NEMA socket, gasket, wall mounted bracket and fixings)										
1000015760	NL5601	✗	✗	1000W (4A)	500W (2A)	70/105	Photodiode	10,000	-20˚C to +70˚C	£31.15
1050150455	NL5605	✗	✔	1500W (6A)	1000W (4A)	70/35	PhotoIC	25,000	-20˚C to +80˚C	£73.83

Photocells - Miniature



NL5608



NLSS14R

NL5608 Miniature

- Fully electronic circuit design with electromagnetic load switch.
- 20mm sensor/mounting stud.
- Consumes less than 0.25W (Day and Night).
- Surge suppression extends life by protecting the circuit from high voltage transients.
- IP65 Rated (when installed correctly).

NLSS14R Miniature

- Fully electronic circuit design with electromagnetic load switch.
- 20mm remote sensor for applications with limited space.
- Consumes less than 0.25W (Day and Night).
- Surge suppression extends life by protecting the circuit from high voltage transients.
- IP65 Rated (when installed correctly).

1 YR IP65 CLASS 2 CE

Order Code	Model No.	Part Night	Surge Suppressed	Max Resistive Load (Including Halogen)	Max Inductive Load	Switch On/ Off Light Level (Lux)	Sensor	Switching Operations	Operating Temperature	Price - Each 1 off
1050334793	NL5608	✗	✔	1000W (4A)	500W (2A)	70/105	Photodiode	10,000	-20˚C to +75˚C	£31.00
1051059427	NLSS14R	✗	✔	1000W (4A)	500W (2A)	70/105	Photodiode	10,000	-20˚C to +75˚C	£40.55

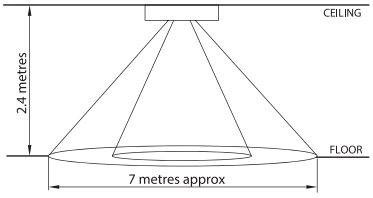
Ceiling Mounted DALI Occupancy Detector

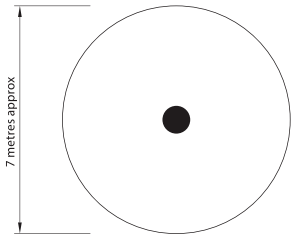
The DALI occupancy detector for ceiling mounting offers both presence and absence control with daylight harvesting. The DALI occupancy detector can automatically set up ballasts in either broadcast or group functions and boasts test and corridor modes that can be programmed and controlled by a remote control. A complete DALI network solution is provided with just 4 elements: (1) DALI occupancy detector, (2) DALI remote control, (3) DALI power supply unit and (4) DALI multi-purpose connection box.

- DALI presence and absence detection with sensitivity control.
- Automatic daylight harvesting with remote Lux and PIR Lux control (via Newlec NL5711 remote control).
- Easy set up with automatic broadcast and timing defaults and automatic ballast set up.
- Broadcast, Group and Scene Selections. One DALI occupancy detector with one DALI power supply unit (NL5712) is capable of controlling up to 64 ballasts with 16 groups (15 groups + 1 group dedicated to broadcast) with 16 scenes each.
- Test Mode and Corridor Function.
- Dual Remote Control (NL5711) available, with user modes and hidden installer modes.
- Quiescent Power 0.04W.
- Flush mounting - 70mm minimum void depth required.
- Compact 65mm diameter cut-out required for flush mounting.
- IP44 when installed.
- Power supply unit (NL5712) required for each network.
- Multipurpose connection box (NL5713) available to help installation.
- Suitable for all DALI load types including LED loads.
- Complies with BS EN 60929 and EN62386.



NL5701DALI





The Newlec DALI occupancy detector can find, address and command ballasts automatically with a couple of pushes of the dual purpose remote control, can allocate luminaires into groups quickly and easily, saving time and money.

CE 1 YR

Order Code	Model No.	Description	Recommended Mounting Height	No of Channels	Interlinkable	Manual Override Available	Time on Range	Price - Each 1 off
1052090098	NL5701DALI	Ceiling Mounted DALI Occupancy Detector	2.4 - 2.6M (Up to a Maximum of 5M)	1	✔	Yes via Remote	5 - 45 Mins (Depending on Mode Selected)	£53.64

DALI Remote Control

This compact and ergonomic dual purpose DALI remote control can be used by installers to set up and commission a Newlec DALI system. It also allows end users in the units user mode to adjust Lux Levels and brightness to desired levels, making it one of the most versatile remote programming units in the market.

- For use with Newlec DALI occupancy detector (NL5701DALI).
- Ergonomic hand held device to program and adjust sensors in the Newlec DALI range.
- Dual purpose operation modes - installer and end user.
- Infra red communications.
- Operating distance (2-3M).
- Remote control features:
  - Override on/off.
  - Illumination adjustment.
  - Scene selection.
  - Fixed illumination settings.
  - Reset to daylight harvesting.
  - 25% brightness level.
  - 50% brightness level.
  - 100% brightness level.
- Powered by 3 x AAA alkaline batteries (included).



NL5711

CE 1 YR

Order Code	Model No.	Description	Price - Each 1 off
1052090099	NL5711	DALI Remote Control	£28.14

DALI Power Supply Unit

This DALI power supply unit is designed to provide the low power supply to the DALI network and is for use with the Newlec DALI occupancy detector (NL5701DALI).



NL5712

- For use with Newlec DALI occupancy detector (NL5701DALI).
- Provides the low power supply used by the DALI network.
- 18V DC 250mA.
- Allows installers maximum flexibility with any choice of appropriate multicore cables.
- Has built-in thermal and overload protection.
- Quiescent power 0.15W.

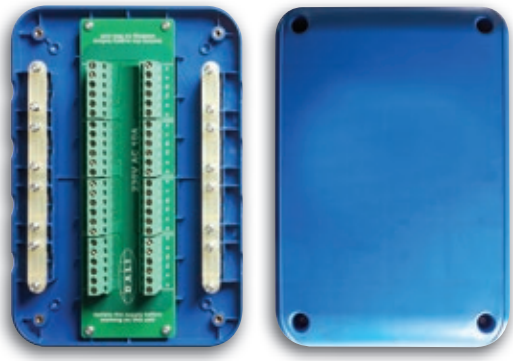
See technical section (page 306) for the calculation to determine the number of occupancy detectors versus the number of ballasts

CE 1 YR

Order Code	Model No.	Description	Quiescent Power	Output	Input	Dimensions (mm) L x W x D	Price - Each 1 off
1052090096	NL5712	DALI Power Supply Unit	0.15W	18V DC	230V AC	132 x 80 x 39	£45.58

DALI Multipurpose Connection Box

The DALI multipurpose connection box gives installers maximum flexibility and true freedom of choice of multicore cables required in the system without the requirement for expensive connectors.



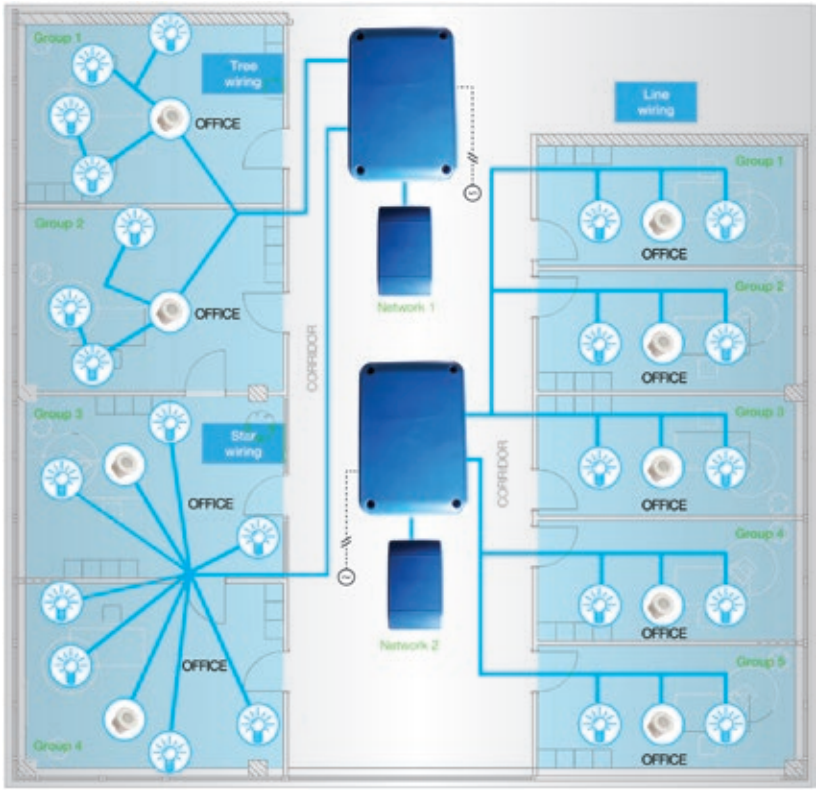
NL5713

- For use to connect with Newlec DALI occupancy detector (NL5701DALI) and DALI power supply unit (NL5712).
- Offers installers maximum flexibility allowing any choice of appropriate multicore cables without needing expensive connectors.
- Allows full connectivity of lighting system and DALI network.
- VDE approved SAURO connectors which guarantee performance and connection.
- PCB inside runs 230V power alongside the 250mA DALI network.
- Maximum 10A rating per box.

The Newlec DALI multipurpose connection box has 8 entry points and 6 connections in each entry point. At least one entry point will be used to bring in mains AC power and the other for the Newlec DALI power supply unit. The power supply unit runs the network power for the Newlec DALI occupancy detectors and the lighting ballasts. The remaining 6 entry points have 6 connections which if all are used for DALI lighting only will only utilise 5 cores; Permanent Live, Earth, Neutral and the DALI bus line pair. The Switch Live is only used when there is a need to connect some non-DALI lighting thereby increasing the flexibility of the multipurpose box for the installer. Also when using emergency lighting it gives flexibility to wire the permanent and switch lives as appropriate.

CE 1 YR

Order Code	Model No.	Description	Entry Points	Maximum Rating (Amps)	Dimensions (mm) L x W x D	Price - Each 1 off
1052090097	NL5713	DALI Multipurpose Connection Box	8	10A	181 x 131 x 39	£31.90



Example Layout for Newlec DALI Occupancy Solution

- Diagram shows two DALI networks using the Newlec DALI power supply unit (NL5712); Newlec multipurpose connection box (NL5713) and Newlec DALI occupancy detectors (NL5701DALI).
- Network 1 includes 'Tree' and 'Star' wiring for typical offices.
- Network 2 shows 'Line' wiring for 5 groups being controlled from one Newlec DALI power supply unit (NL5712).

Occupancy Detector - Ceiling Mounted

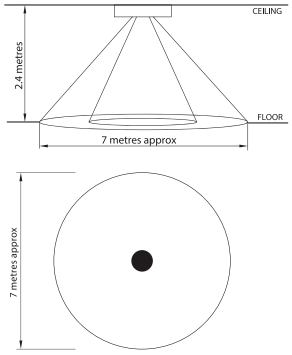
The Newlec occupancy detector unit has been designed for flush or surface mounting and includes spring fixing arms for quick and easy installation. It also includes a surface mount box option.

The 360° occupancy detector is activated by sensing moving body heat and features a red indicator LED to signify when the timing has been re-triggered and the unit is in its final minute of operation.

The intelligent unit provides variable timing selection from 2 mins to 1 hour (fluorescent lamps should not be set below 15 minutes to maintain lamp life) and also features a removable bezel for easy access to timing and lux adjustment when in situ. It can also be interlinked with other Newlec occupancy sensors (NL5701B) with a 3 core connection utilising the live, switch live and neutral.

- Passive infrared movement sensor.
- For general purpose loads including resistive loads & incandescent/fluorescent lighting.
- 10A any load type (may require capacitor NL5705A for all types of low wattage and in particular LED loads - see below).
- Presence detector can easily be turned into an absence detector with the addition of a one way switch wired between the Switch Live of the detector and load.
- 10 time settings from 2 mins to 1 hour.
- Lux Level Control with 'Auto Lux' feature for added convenience.
- Sensitivity adjustment.
- Test Mode (10secs) for walk testing PIR.
- 360° detection with a 6-7M detection range.
- 3 wire with a neutral being required.
- Supplied with both white and chrome coloured interchangeable fascia rings.
- Quiescent power 0.9W.
- Can be surface or flush mount (70mm minimum void depth when flush mounting).
- Compact 64mm cut-out diameter fitting for flush mounting.
- Operating temperature -20°C to +50°C.
- 240V A.C. / 50Hz.
- IP44 when installed.
- Complies with BS EN 60669, 60669-1, 60669-2-1, 60669-2-3.

Type of room	Potential energy savings
Private Office	13-15%
Open Plan Office	20-28%
Classroom	40-46%
Conference Room	22-65%
Bathrooms	30-90%
Corridors	30-80%
Storage Area	45-80%



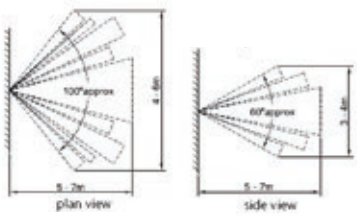

NL5701B

1 YR

Order Code	Model No.	Description	Recommended Mounting Height	Switching Capacity at 240V (Including T5) Inductive/ Resistive	No. of Channels	Absence Detection	Interlinkable	Neutral Required	Manual Overide Available	Time on Range	Price - Each 1 off
1050390611	NL5701B	Recessed/Surface Ceiling Detector	2.4M	2400W/10A	1	✔	✔	✔	✔	2-60 mins	£40.10

Occupancy Detector - Wall Mounted

- Load rating 10A for any load type (may require Newlec capacitor NL5705A for all types of low wattage/low voltage loads and in particular LED loads).
- Passive Infra Red movement sensor.
- 360° detection with a 5-7M detection range.
- Time delay adjustable from 2 minutes to 1 hour.
- 3 wire detector (NL5706A) Live, Switch Live and Neutral required.
- Re-trigger function.
- Quiescent power
  NL5704A 1W
  NL5706A 0.52W
- Lux level control.
- Back box depth 25mm.
- Complies with BS EN 60669, 60669-1, 60669-2-1, 60669-2-3.

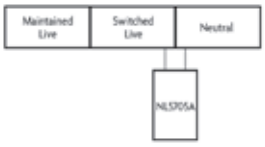



NL5704A

1 YR

Order Code	Model No.	Configuration	Rating	Neutral Required	Interlinkable	Absence Detection	Manual Overide	Price - Each 1 off
1050379030	NL5704A	2 Wire	10A-240V	✗	✔	✗	✗	£57.59
1051042705	NL5706A	3 Wire	10A-240V	✔	✔	✔	✔	£68.61

Capacitor



Order Code	Model No.	Description	Rating	Price - Each 1 off
1050379031	NL5705A	Power Factor Correction Capacitor	4µf 240V AC X2 Rated	£6.31

- Due to the operating nature of PIRs, low load applications may require the installation of capacitors to prevent flickering of lamps (i.e. some compact fluorescent lamps).
- The NL5705A capacitor must be fitted with the following types of load; low voltage, low wattage, LED loads and contactors.
- Complete with flying leads (approx. 200mm).
- ENEC approved.
- EN61048 and 61049/A1/A2 Type B - EN61049.


NL5705A

Indoor Decorative LED Bulkhead

A decorative slim LED equivalent to a 2D bulkhead. The fitting comes as standard with a white trim ring which can be replaced with the additional chrome trim ring if required. Its daylight colour temperature makes it ideal for commercial environments by improving productivity and well being.

- Clip on decorative chrome trim ring available.
- Microwave sensor option available for added energy saving.
- IP54 suitable for interior applications.



NLL2DD

Traditional Product > Replaced by	Energy Saving*	Lifetime Cost Savings*
28W 2D Bulkhead > 15W LED Bulkhead	46%	£91

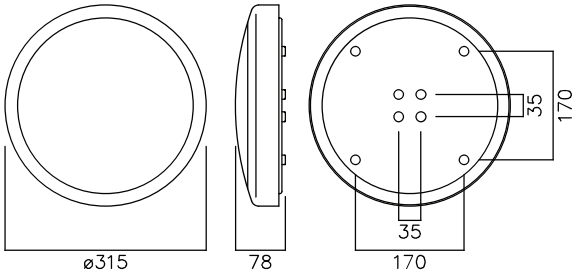
* Lifetime savings are based on the reduction in wattage between the traditional product and the new equivalent, multiplied by the life hours of the new product and then by the average cost of Electricity; 0.14p per KWH

5 YR IP54 CE

Order Code	Model No.	Type	Trim	Wattage (W)	Lumens (lm)	Luminaire Efficiency	Colour Temperature	CRI	Life L70	Price - Each 1 off
1051091682	NLL2DD	Standard	White	15	1155	77	5,000	80+	50,000	£40.17
1051091684	NLL2DDMW	Microwave	White	15	1155	77	5,000	80+	50,000	£68.85
1051091683	NLL2DDE3	Emergency	White	15	1155	77	5,000	80+	50,000	£91.81



NLL2DDCT



Accessories

Order Code	Model No.	Description	Price - Each 1 off
1051091685	NLL2DDCT	Chrome Trim Ring	£3.82

NEW

DIGITAL 5-IN-1 MULTIFUNCTION TESTER

SEE PAGE 272



Easy to use, durable and complete with accessories



Halogen Downlights - GU10

1 YR CLASS 2 CE

Type	Colour	IP Rating	**230V GU10** Order Code	**230V GU10** Model No.	Price - Each 1 off
Fixed	White	20	1052069104	NL10670B	£9.45
Fixed	Chrome	20	1052069105	NL10671B	£10.40
Fixed	S/Steel	20	1052069106	NL10672B	£10.40
Adjustable	White	20	1052069107	NL10673B	£12.68
Adjustable	Chrome	20	1052069108	NL10674B	£14.33
Adjustable	S/Steel	20	1052069109	NL10675B	£14.33
IP65	White	65	1052069110	NL10676B	£16.57
IP65	Chrome	65	1052069111	NL10677B	£17.65
IP65	S/Steel	65	1052069112	NL10678B	£17.65


NL10667B


NL10663B


NL10665B

	Fixed	Adjustable	IP65
Lamp	GU10	GU10	GU10
Cut-Out	70mm	80mm	74mm
Overall Dia	80mm	95mm	88mm
Depth	102mm	126mm	137mm

290mm LED Bulkhead

A direct LED replacement for decorative luminaires, its versatile design allows the fitting to be installed on both ceilings and walls. The 2700K colour temperature directly replaces the soft warm light of a traditional halogen, with a slim and aesthetically pleasing profile. This luminaire is perfect for the residential environment.

- Easy install features allow for quick fit.
- LED technology for added energy savings and long life.


NLLCLW1


NLCLW1

2 YR IP20 CE

Traditional Product > Replaced by

28W 2D Bulkhead > 12W LED Bulkhead

Energy Saving* 57%

Lifetime Cost Savings* £33.60

* Lifetime savings are based on the reduction in wattage between the traditional product and the new equivalent, multiplied by the life hours of the new product and then by the average cost of Electricity; 0.14p per KWH

Order Code	Model No.	Colour	Wattage (W)	Lumens (lm)	Efficiency (Llm/W)	Colour Temp (K)	CRI	Life L70	Price - Each 1 off
1051091692	NLLCLW1	White	12	1200	100	2700	80+	15,000	£27.23
1051091693	NLCLW1	Matt Silver	12	1200	100	2700	80+	15,000	£27.23

350mm LED Bulkhead

A direct LED replacement for decorative luminaires, its versatile design allows the fitting to be installed on both ceilings and walls. The 2700K colour temperature directly replaces the soft warm light of a traditional halogen, with a slim and aesthetically pleasing profile. This luminaire is perfect for the residential environment.

- LED technology for added energy savings and long life.
- Larger base allows for retro fit of the majority of existing products without any remedial works.


NLCLW2


NLCLB2

2 YR IP20 CE

Traditional Product > Replaced by

60W Halogen > 7.5W LED Bulkhead

Energy Saving* 88%

Lifetime Cost Savings* £110.25

* Lifetime savings are based on the reduction in wattage between the traditional product and the new equivalent, multiplied by the life hours of the new product and then by the average cost of Electricity; 0.14p per KWH

Order Code	Model No.	Colour	Wattage (W)	Lumens (lm)	Efficiency (Llm/W)	Colour Temp (K)	CRI	Life L70	Price - Each 1 off
1051091694	NLCLW2	White	7.5	620	83	2700	80+	15,000	£49.28
1051091695	NLCLB2	Chrome	7.5	620	83	2700	80+	15,000	£49.28

Track Kits

Ideal for use in retail and residential applications. Track kits can be linked together for flexibility unlike standard spot luminaires.

NLGU10TKW



- Easily upgradeable to LED by adding in LED GU10 lamps (See Page 68).
- Pack contains;
  - 1 x 1M track.
  - 1 x live end.
  - 1 x dead end.
  - 3 x GU10 spotlights c/w 50W lamps.

1 YR IP20 CE

Order Code	Model No.	Colour	Price - Each 1 off
1050326244	NLGU10TKW	White	£63.91

Spotlights

- Contemporary style ideal for indoor lighting.
- Dimmable when used with dimmable lamp.
- Adjustable heads allows fine tuning of light direction.
- Easily upgradeable to LED by adding in LED GU10 lamps (See Page 68).



NLGU101SCH



NLGU104BSCH

2 YR IP20 CE

Order Code	Model No.	Description	Lamp Holder	Wattage (W)	IP Rating	Colour	Price - Each 1 off
1051091697	NLGU101SCH	Single Spot	GU10	1 x 50	20	Chrome	£6.71
1051091698	NLGU104BSCH	4 Spot	GU10	4 x 50	20	Chrome	£26.69

Wall Luminaires



NLWLES

- IP20 rated ideal for internal use.
- Easy install features.
- E27 base allowing for choice in lamp, CFL will allow for greatest energy saving. (See Page 64).

2 YR IP20 CE

Order Code	Model No.	Lamp Type	Wattage (W)	Price - Each 1 off
1051091696	NLWLES	E27	1 x 60	£13.96

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LED LIGHTING SOLUTIONS

FROM REXEL



PICK UP OUR NEW LED GUIDE TODAY

- Up to 5 year warranty
- Fantastic energy savings
- Guaranteed lumen performance
- Lighting controls for most applications
- Expert advice

COMMERCIAL - RESIDENTIAL - INDUSTRIAL

Mirror Light

This sleek and stylish LED mirror light is ideal for all bathroom lighting applications. With an IP44 rating, easy install features and a light output equivalent to a traditional halogen this luminaire is practical while maintaining a high quality finish when installed.

- Vertical and horizontal wall mounting allows for versatility in installation.
- Synthetic diffuser for quality and even illumination.



NLLDMLCH

Traditional Product > Replaced by	Energy Saving*	Lifetime Cost Savings*
60W Mirror Light > 2.5W LED Mirror Light	96%	£161

* Lifetime savings are based on the reduction in wattage between the traditional product and the new equivalent, multiplied by the life hours of the new product and then by the average cost of Electricity; 0.14p per KWH

2 YR IP44 CE

Order Code	Model No.	Wattage (W)	Lumens (lm)	Efficiency (Llm/W)	Colour Temp (K)	CRI	Life L70	Price - Each 1 off
1051091699	NLLDMLCH	2.5	370	148	2700	80+	20,000	£55.87

LED & T5 Undershelf Link Lights



NLT5LL28W
NLT5LL21W
NLT5LL14W
NLT5LL8W
NLLUL4
NLLUL3
NLLUL2
NLLUL1

- A range of low energy T5 and LED linkable lights for undershelf lighting.
- White polycarbonate body and prismatic diffuser for even and effective light output.
- 4000K (T5) & 5000K (LED) colour temperature allowing choice of finish.
- Fittings can be joined together by simply pushing together or using the various length extension leads. (LED and T5 units can not be interlinked).
- LED offers 30,000 hours life for long and hassle free operation.
- Under cabinet or wall mountable.

Traditional Product > Replaced by	Energy Saving*	Lifetime Cost Savings*
8W T5 Undershelf > 4W LED Undershelf	50%	£16.80
14W T5 Undershelf > 7W LED Undershelf	50%	£29.40
21W T5 Undershelf > 14W LED Undershelf	33%	£29.40
28W T5 Undershelf > 18W LED Undershelf	36%	£42.00

* Lifetime savings are based on the reduction in wattage between the traditional product and the new equivalent, multiplied by the life hours of the new product and then by the average cost of Electricity; 0.14p per KWH

3 YR IP20 CE

Order Code	Model No.	Lamp Type	Wattage (W)	Lumens (lm)	Luminaire Efficiency (Llm/W)	Colour Temp (K)	Lumens (lm)²	Dimensions (mm) L x W x H	Price - Each 1 off
1051050483	NLT5LL8W	T5	8	-	-	-	-	345 x 22 x 42	£16.74
1051050484	NLT5LL14W	T5	14	-	-	-	-	573 x 22 x 42	£19.42
1051050485	NLT5LL21W	T5	21	-	-	-	-	906 x 22 x 42	£25.00
1051050486	NLT5LL28W	T5	28	-	-	-	-	1206 x 22 x 42	£30.10
1051091678	NLLUL1	LED	4	378	94	5000	378	344 x 22 x 30	£12.66
1051091679	NLLUL2	LED	7	689	98	5000	689	521 x 22 x 30	£15.36
1051091680	NLLUL3	LED	14	1129	80	5000	1129	905 x 22 x 30	£19.20
1051091681	NLLUL4	LED	18	1380	76	5000	1380	1205 x 22 x 30	£22.32

Accessories

Order Code	Model No.	Description	Price - Each 1 off
1051050494	NLLED150LEAD	150mm Extension Lead	£1.40
1051050495	NLLED300LEAD	300mm Extension Lead	£1.51
1051050496	NLLED500LEAD	500mm Extension Lead	£1.77

GU10 Fire-Rated Downlights

Building Regulations Part B, C & E compliance can be a major issue when installing fire rated downlighters with LED lamps due to the various materials used in LED lamps. Traditional halogen lamps made with glass are fully enclosed and maintain integrity in the event of a fire, but LED lamps made from other materials may allow air and heat to pass through the fitting.

In response to this we have upgraded our wiring, can and lamp holder and made it fully enclosed, making it one of the first of its kind to be fully compliant with the regulations, irrespective of the choice of lamp.

UK Building Regulations Compliance

Part B - Fire Safety

Requires that precautions are taken to limit the spread of smoke/fire. For the domestic market 30 or 60 minutes is normal, however in extreme conditions 90 minutes is required.

- Newlec fire rated downlights are fully tested for 30/60 & 90 minute timber joist ceilings.
- Newlec fire rated downlights also include an intumescent ring around the can to seal the ceiling cut out.

Part C - Moisture

Requires that precautions are taken to reduce the transfer of moisture into roof voids.

- Newlec fire rated downlights include high quality moisture seals.

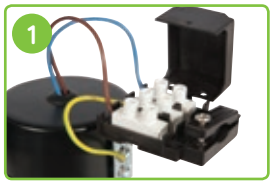
Part E - Acoustic Performance

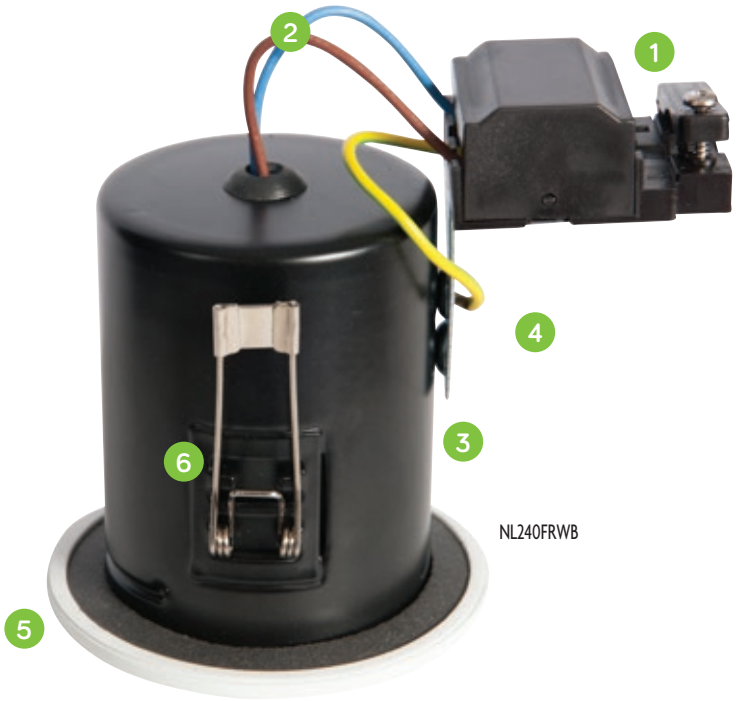
Requires luminaires to limit noise transmission within residential homes.

- Newlec fire rated downlights include a high quality acoustic seal to provide the necessary attenuation to meet the requirements.

1. New connector block for easy and quick wiring.
2. Double insulated cable with increased temperature gauge to 250°C.
3. Fully enclosed to take any halogen or perfect fit LED lamp (GU10).
4. Fully fire rated 30, 60 & 90 mins.
5. New GU10 lamp holder to withstand increased temperature within the enclosed can.
6. Fixing springs have three adjustable heights to allow for all ceiling thicknesses.







NL240FRWB



NL240FRIPSB



NL240FRACB



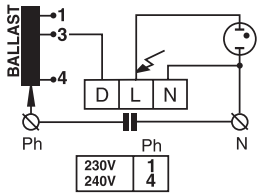
NL240FRIPWB

1 YR CLASS 2 PART B, C & E 30, 60 & 90 MINUTE RATING

Type	Colour	IP Rating	Order Code	Model No.	Price - Each 1 off	Cut-Out (mm)	Overall Diameter (mm)	Height (mm)
Fixed	Chrome	IP20	1052080560	NL240FRCB	£18.39	71	90	108
Fixed	S/Steel	IP20	1052080561	NL240FRSB	£18.39	71	90	108
Fixed	White	IP20	1052080562	NL240FRWB	£16.47	71	90	108
Adjustable	Chrome	IP20	1052080563	NL240FRACB	£21.97	80	96	110
Adjustable	S/Steel	IP20	1052080564	NL240FRASB	£21.97	80	96	110
Adjustable	White	IP20	1052080565	NL240FRAWB	£18.77	80	96	110
IP65	Chrome	IP65	1052080566	NL240FRIPCB	£22.24	74	88	112
IP65	S/Steel	IP65	1052080567	NL240FRIPSB	£22.24	74	88	112
IP65	White	IP65	1052080568	NL240FRIPWB	£20.43	74	88	112

Ballasts - High Intensity Discharge: SON





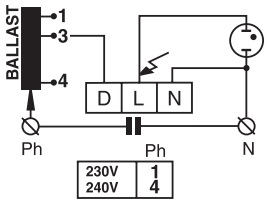
- Thermally protected and in line with current legislation.
- Low power losses.
- Low temperature rise.
- Low noise construction.
- High grade polyester varnish impregnation.
- Compatible with superimposed or impulser ignitors.

1 YR

Order Code	Model No.	Wattage (W)	Dimensions (mm) H x W x L	Fixing Centres (mm)	Price - Each 1 off
1050151700	NLSON70V	70	52 x 65 x 106	75-86	£36.27
1050151698	NLSON150V	150	52 x 65 x 135	85-96	£41.74
1050151699	NLSON250V	250	73 x 86.6 x 127	100	£67.92
1050151701	NLSON400V	400	73 x 86.6 x 167	76	£84.36

Ignitors - High Intensity Discharge: SON





- Does not require dedicated ballast.
- Fully encapsulated design.
- Low internal losses.
- Fixing: M8 Stud.

1 YR

Order Code	Model No.	Wattage (W)	Price - Each 1 off
1050151679	NLIGTR2	35-70	£26.18
1050151680	NLIGTR6	100-400	£24.67

Starter Switches



- Comprehensive range - covers most lamp types.
- Integral RFI suppression capacitor.
- UV stabilised polycarbonate canister.
- NLFSUN1 and NLFS420N1 and NLFS125N1 comply with BS EN 60155 - Kitemarked KM34000 and KEMA 2003847:02 (NLFS420N1).
- NLEFS600N1 complies with BS EN 60926/7 - Kitemarked KM28552.

1 YR CE

Order Code	Model No.	Wattage (W)	Price - Each 1 off
1000016085	NLFSUN1	4 - 65	£1.04
1000016086	NLFS420N1	4 - 22	£1.34
1000016700	NLFS125N1	70/75/85/100/125	£2.30
1000016701	NLEFS600N1	30 - 125 Electronic	£10.89

LED Task Lighting

- 10W Rechargable Kit contains task light, floor stand, tripod, carry case and recharging unit.
- Die cast aluminium body.
- 520 & 2100 Lumens.
- 30W comes with 5M lead with 16A plug.
- Tripod stand extends up to 2M and folds away for easy storage.
- Rechargable unit: operating time 2-3 hours
  charging time 2-3 hours.



NLTASKLED24



NLTRIPOD



NLTASKLED10

1 YR IP44 - IP65 CE

Order Code	Model No.	Wattage (W)	Rechargable	Voltage (V)	Lumens	IP Rating	Price - Each 1 off
1051050133	NLTASKLED10	10	✔	12/230	540	65	£132.68
1051059426	NLTASKLED24	24	✘	110	2000	44	£92.22
1051050135	NLTRIPOD	-	-	-	-	-	£32.11

Tungsten Halogen Task Lighting

Work Lights

- Fully extended height is 2M.
- Complete with telescopic tripod stand.
- Hinged face, tempered glass and metal grille.
- Complete with 3M lead, 16A plug and 500W halogen lamp.
- IP54 Rated for outdoor use.

Work Lights and Tripods

- Die cast aluminium floodlight with toughened glass shield and grille.
- Tubular steel frame and rubber grip.
- 110V complete with 16A plug, 230V complete with 13A plug. Both come with 2M lead.



NL1105PF



NL1105PFT



NL11025PFT

1 YR IP54 CE

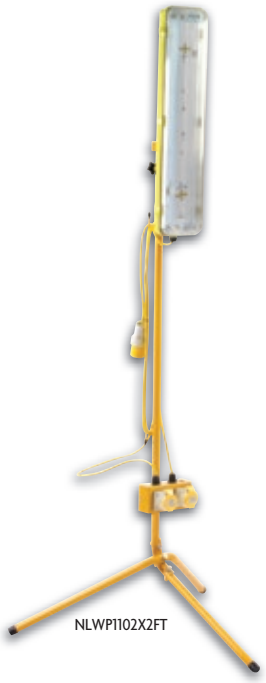
Order Code	Model No.	Wattage (W)	Tripod	Voltage (V)	Description	IP Rating	Price - Each 1 off
1051042637	NL1105PF	500	N/A	110	110V Work Light	54	£23.43
1051042635	NL1105PFT	500	Single	110	Work Light and Tripod	54	£54.06
1051042636	NL11025PFT	2 x 500	Twin	110	Twin Light and Tripod	54	£72.07

Weatherproof Fluorescent

- Unique swivel and tilt design.
- Heavy duty telescopic tripod, 1.6M height.
- Heavy duty A frame, 900mm height.
- Folds for easy storage.
- 2 socket outlets on tripod.
- Complete with 5M lead and 16A plug.



NLWP1102X2FTF



NLWP1102X2FT



NL11058ACT

1 YR IP65 CE

Order Code	Model No.	Size	Wattage (W)	Voltage (V)	Frame	IP Rating	Price - Each 1 off
1051042639	NL11058ACT	5ft Single	1 x 58	110	Tripod	65	£134.32
1051050140	NLWP1102X2FT	2ft Twin	2 x 18	110	Fixed	65	£127.60
1051050141	NLWP1102X2FTF	2ft Twin	2 x 18	110	A Frame	65	£122.85

Linkable 2D Task Lighting



NLTASK2D38110

- 2D worklight.
- Impact resistant case.
- To be used freestanding.
- 110V complete with 3M lead, 16A plug and lamp.

1 YR IP44 CE

Order Code	Model No.	Wattage (W)	Voltage (V)	Socket Outlets	IP Rating	Price - Each 1 off
1051050136	NLTASK2D38110	38	110	1	44	£96.15
1051050138	NLTASK2D55110	55	110	2	44	£124.16

2D 38W Task Lighting

NL11038SL



NL24038SL



- Tough construction.
- To be used freestanding.
- Cool running.
- 110V complete with 3M lead, 16A plug and lamp.
- 230V complete with 3M lead, 13A plug and lamp.

1 YR IP44 CE

Order Code	Model No.	Wattage (W)	Voltage (V)	Sockets	IP Rating	Price - Each 1 off
1051042640	NL11038SL	38	110	16A	44	£49.14
1051042641	NL24038SL	38	230	13A	44	£49.14

Festoon Lighting



NLFEST110VES

110V ES

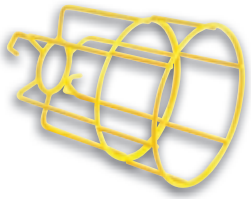
- Kit: 25M festoon with 10 x 60W ES lampholders at 2M spacings. Complete with 10 x 60W ES lamps and plastic guards.
- Festoon only: 100M with 33 x 60W ES lampholders at 3M spacings.
- Must be used uncoiled for heat diserpation.

110V BC

- As 110V ES specs except with BC lampholders.
- Polycarbonate guard.



NL1106ESFES



NLFESTGUARD

1 YR IP44 CE

Order Code	Model No.	Description	Type	IP Rating	Kit	Price - Each 1 off
1051042645	NL1106ESFES	25M 110V Festoon Kit	110V ES	44	✔	£131.04
1051042646	NL1106BCFES	25M 110V Festoon Kit BC	110V BC	44	✔	£131.04
1051050142	NLFEST110VES	100M Festoon Lead Only ES	110V ES	44	✘	£277.47
1051050143	NLFEST110VBC	100M Festoon Lead Only BC	110V BC	44	✘	£277.47
1051050144	NLFESTGUARD	Replacement Festoon Guard	-	44	✘	£1.81

Site Lighting Accessories

Portable Tool Transformers

- Complete with 2M lead and 13A plug.
- Robust GRP case.
- IP44.

Order Code	Model No.	Intermittent (20 min) Output Rating	Continuous Output Rating	Usable Sockets	Weight (kg)	Price - Each 1 off
1051050151	NLTRANS1000	1kVA	500VA	2 x 16A	12.5	£114.66
1051050152	NLTRANS1500	1.5kVA	750VA	2 x 16A	13	£130.71
1051050153	NLTRANS3000	3kVA	1.6kVA	2 x 16A	17	£142.51
1051050154	NLTRANS5000	5kVA	2.5kVA	2 x 16A & 1 x 32A	29	£368.54



NLTRANS1000

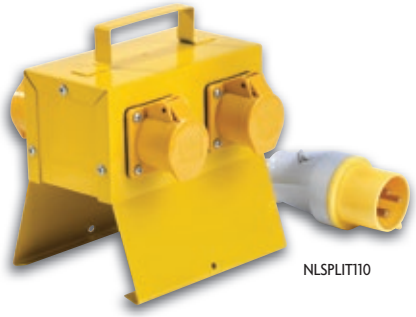


NLTRANS5000

Splitter Box 110V

- 4 x 16A 110V outlets.
- Complete with 5M of extension cable and plug.

Order Code	Model No.	Volatage (V)	Outlets	Price - Each 1 off
1051050155	NLSPLIT110	110	4	£68.63



NLSPLIT110

Site Lighting Extension Leads

- 16A socket and plug fitted.
- 14M of extension cable.
- Must be used uncoiled.

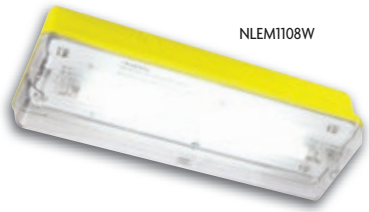
Order Code	Model No.	Volatage (V)	Metres	Price - Each 1 off
1051050156	NLEXTEN110V	110	14	£32.27



NLEXTEN110V

1 YR IP44 CE

Bulkheads



NLEM1108W



NLBUALCL



NLBUSQCL

Standard Bulkheads
- Vandal resistant polycarbonate body, IP65 rated.
- ES Lamp holder, 20mm knockouts.

Standard 110V
- Die cast aluminium body with polycarbonate diffuser.
- Suitable for use with metal conduit, 20mm knockouts.

Square
- Impact resistant polycarbonate body.
- Wall or ceiling mountable.

Emergency - 8W 3 Hour
- As square, plus self contained NiCad batteries.
- Supplied maintained, can be wired to non-maintained.

1 YR IP54 CE

Order Code	Model No.	Base	Lamp Type	Bulkhead	Colour	IP Rating	Emergency	Price - Each 1 off
1051042826	NLBUPCCLR	Polycarbonate	ES	Standard	Clear	65	✘	£9.34
1051042827	NLBUPCRED	Polycarbonate	ES	Standard	Red	65	✘	£12.22
1051050145	NLBUALCL	Aluminium	BC	Standard	Clear	65	✘	£14.22
1051050149	NLBUSQCL	Polycarbonate	16W 2D	Square	Clear	54	✘	£35.55
1051050147	NLEM1108W	Polycarbonate	8W T5	Emergency	Clear	65	✔	£45.70

Torches



NL10887 & NL10888

- Textured handle for non-slip grip.
- Push button switch large enough while wearing gloves.
- Built-in stand.



NL10889

- High/low settings.
- Run up to 30 hours.
- Beam distance 40M.



NLLCL

- Easy push button.
- Tough plastic construction.
- Removable carry strap.

Order Code	Model No.	Description	Price - Each 1 off
1050372346	NL10887	2 AAA Rubber Torch LED	£13.42
1050372347	NL10888	2 AA Rubber Torch LED	£23.59
1050372348	NL10889	Head Light LED	£29.38
1051042825	NLLCL	Krypton Low Cost Lantern	£18.42



Lamps

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T8 Fluorescent	70

Halogen Eco GLS

The Eco Halogen range is a direct replacement for regular incandescent lamps offering a crisp white light. These lamps are the environmentally friendly solution for those who prefer the features and light quality associated with incandescent lamps.

- Provides instant-on, full light output at start-up for immediate use.
- Mercury free allowing for an environmentally friendly alternative to traditional lamps.
- Fully dimmable for added energy savings.

Save up to £6*



NLGLSH30B

Traditional Product > Replaced by	Energy Saving*	Lifetime Cost Savings*
100W Halogen GLS > 77W Eco GLS	23%	£6.44
60W Halogen GLS > 46W Eco GLS	23%	£3.92
40W Halogen GLS > 30W Eco GLS	25%	£2.80

* Lifetime savings are based on the reduction in wattage between the traditional product and the new equivalent, multiplied by the life hours of the new product and then by the average cost of Electricity; 0.14p per KWH

Order Code	Model No.	Watts (W)	Base/ Socket	Lumens (lm)	Lumens per Watt (lm/W)	Life (Hrs)	Colour Temp (K)	CRI (Ra)	Energy Efficiency Class	Length (mm)	Diameter (mm)	Price - Each 1 off
1051059442	NLGLSH30B	30	B22	405	13	2000	2700	100	D	96	55	£2.58
1051059443	NLGLSH30E	30	E27	405	13	2000	2700	100	D	97	55	£2.58
1051059444	NLGLSH46B	46	B22	700	15	2000	2700	100	D	96	55	£2.58
1051059445	NLGLSH46E	46	E27	700	15	2000	2700	100	D	97	55	£2.58
1051059446	NLGLSH77B	77	B22	1320	17	2000	2800	100	D	96	55	£2.58
1051059447	NLGLSH77E	77	E27	1320	17	2000	2800	100	D	97	55	£2.58

LED GLS

The LED GLS range provides energy efficient direct replacements for the 40W and 60W standard halogen lamps. Available in Warm White suitable for almost every type of living space. Dimmable options are also available if required.

- Provides instant-on, full light output at start-up for immediate use.
- No UV, IR or heat in the beam preventing any alteration to the lit environment.
- Wide beam angles ideal for general area lighting.
- Up to 15,000 hours of life for long term operation.
- Easy retrofit for traditional halogen lamps.

Save up to £107.10*



NLLED/6/GLS/827/E27



NLLED/6/GLS/827/B22

2 YR

Traditional Product > Replaced by	Energy Saving*	Lifetime Cost Savings*
40W Halogen GLS > 6W LED GLS	85%	£71.40
60W Halogen GLS > 9W LED GLS	85%	£107.10

* Lifetime savings are based on the reduction in wattage between the traditional product and the new equivalent, multiplied by the life hours of the new product and then by the average cost of Electricity; 0.14p per KWH

Order Code	Model No.	Halogen Equivalent (W)	Watts (W)	Base/ Socket	Lumen (lm)	Lumens per Watt (lm/W)	Colour Temp (K)	CRI (Ra)	Dimensions L x Dia (mm)	Price - Each 1 off
1051115789	NLLED/6/GLS/827/B22	40	6	B22	470	78	2700	80	113 x 60	£4.49
1051115790	NLLED/6/GLS/827/E27	40	6	E27	470	78	2700	80	113 x 60	£4.49
1051115791	NLLED/9/GLS/827/B22	60	9	B22	806	90	2700	80	113 x 60	£5.89
1051115792	NLLED/9/GLS/827/E27	60	9	E27	806	90	2700	80	113 x 60	£5.89
1051115793	NLLED/10/GLS/827/B22/DIM	60	10	B22	806	81	2700	80	113 x 60	£8.85
1051115794	NLLED/10/GLS/827/E27/DIM	60	10	E27	806	81	2700	80	113 x 60	£8.85

CFL Stick

CFL stick lamps provide an energy saving alternative for almost all applications where incandescent lamps are currently used - ensuring excellent light quality and reliable energy savings.

- Uses almost 80% less energy than traditional incandescents for reduced running costs.
- Rated Energy Class A allowing for top of the range environmentally friendly operation.
- Ideal for general indoor and outdoor use (when used in a enclosed fitting).

Save up to £112*

Traditional Product > Replaced by	Energy Saving*	Lifetime Cost Savings*
100W Halogen > 20W CFL	80%	£112.00
60W Halogen > 11W CFL	82%	£68.60
40W Halogen > 9W CFL	78%	£43.40

* Lifetime savings are based on the reduction in wattage between the traditional product and the new equivalent, multiplied by the life hours of the new product and then by the average cost of Electricity; 0.14p per KWH



Order Code	Model No.	Watts (W)	Base/ Socket	Lumens (lm)	Lumens per Watt (lm/W)	Life (Hrs)	Colour Temp (K)	CRI (Ra)	Energy Efficiency Class	Length (mm)	Diameter (mm)	Price - Each 1 off
1052055278	NLCFLS9B	9	B22	470	52	10000	2700	82	A	110	44	£5.88
1052055279	NLCFLS9E	9	E27	470	52	10000	2700	82	A	111	44	£5.88
1052055280	NLCFLS11B	11	B22	590	53	10000	2700	82	A	122	44	£5.88
1052055281	NLCFLS11E	11	E27	590	53	10000	2700	82	A	123	44	£5.88
1052055282	NLCFLS20B	20	B22	1185	59	10000	2700	82	A	145	44	£6.37
1052055283	NLCFLS20E	20	E27	1185	59	10000	2700	82	A	146	44	£6.37

NEW

STAINLESS STEEL ENCLOSURES

SEE PAGE 226

Suitable for wash down areas





Halogen Eco Candle

The Eco Halogen range is a direct replacement for regular incandescent lamps offering a crisp white light. These lamps are an environmentally friendly solution for those who prefer the features and light quality associated with incandescent lamps.

- Provides instant-on, full light output at start-up for immediate use.
- Fully dimmable for added energy savings.
- Mercury free allowing for an environmentally friendly alternative to traditional lamps.

Save up to £3.92*



NLCAN30SES

Traditional Product > Replaced by	Energy Saving*	Lifetime Cost Savings*
60W Halogen Candle > 46W Eco Candle	23%	£3.92
40W Halogen Candle > 30W Eco Candle	25%	£2.80

* Lifetime savings are based on the reduction in wattage between the traditional product and the new equivalent, multiplied by the life hours of the new product and then by the average cost of Electricity; 0.14p per KWH

Order Code	Model No.	Watts (W)	Base/ Socket	Lumens (lm)	Lumens per Watt (lm/W)	Life (Hrs)	Colour Temp (K)	CRI (Ra)	Energy Efficiency Class	Length (mm)	Diameter (mm)	Price - Each 1 off
1051059448	NLCAN20SES	20	E14	235	11	2000	2700	100	D	104	35	£2.58
1051059449	NLCAN30SES	30	E14	405	13	2000	2700	100	D	97	35	£2.58
1051059450	NLCAN30BC	30	B22	405	13	2000	2700	100	D	97	35	£2.58
1051059451	NLCAN30ES	30	E27	405	13	2000	2700	100	D	98.5	35	£2.58
1051059452	NLCAN46SES	46	E14	700	15	2000	2700	100	D	104	35	£2.58
1051059453	NLCAN46BC	46	B22	700	15	2000	2700	100	D	97	35	£2.58
1051059454	NLCAN46ES	46	E27	700	15	2000	2700	100	D	98.5	35	£2.58

LED Candle

The LED Candle range provides energy efficient direct replacements for the 40W standard halogen lamp. Available in Warm White suitable for almost every type of living space.

- Provides instant-on, full light output at start-up for immediate use.
- No UV, IR or heat in the beam preventing any alteration to the lit environment.
- Wide beam angles ideal for general area lighting.
- Up to 15,000 hours of life for long term operation.
- Easy retrofit for traditional halogen lamps.

Save up to £72.45*



NLLED/5.5/CAND/827/E14



NLLED/5.5/CAND/827/B22

Traditional Product > Replaced by	Energy Saving*	Lifetime Cost Savings*
40W Halogen Candle > 5.5W LED Candle	86%	£72.45

* Lifetime savings are based on the reduction in wattage between the traditional product and the new equivalent, multiplied by the life hours of the new product and then by the average cost of Electricity; 0.14p per KWH

2 YR

Order Code	Model No.	Halogen Equivalent (W)	Watts (W)	Base/ Socket	Lumen (lm)	Lumens per Watt (lm/W)	Colour Temp (K)	CRI (Ra)	Dimensions L x Dia (mm)	Price - Each 1 off
1051115795	NLLED/5.5/CAND/827/E14	40	5.5	E14	470	85	2700	80	108 x 38	£3.59
1051115796	NLLED/5.5/CAND/827/B22	40	5.5	B22	470	85	2700	80	106 x 38	£3.59

LED 240V GU10

The LED GU10 range provides energy efficient direct replacements for the 35W and 50W standard tungsten halogen lamps. Available in Warm White suitable for almost every type of living space and Cool White ideal for all commercial and office environments. Dimmable options are also available if required.

- Provides instant-on, full light output at start-up for immediate use.
- No UV, IR or heat in the beam preventing any alteration to the lit environment.
- Wide beam angles ideal for general area lighting.
- Up to 25,000 hours of life for long term operation.
- Easy retrofit for traditional halogen lamps.

Save up to £157.50*



NLLED/3.5/GU10/827

Traditional Product > Replaced by	Energy Saving*	Lifetime Cost Savings*
35W Halogen GU10 > 3.5W LED GU10	90%	£110.25
50W Halogen GU10 > 5W LED GU10	90%	£157.50

* Lifetime savings are based on the reduction in wattage between the traditional product and the new equivalent, multiplied by the life hours of the new product and then by the average cost of Electricity; 0.14p per KWH

2 YR

Order Code	Model No.	Halogen Equivalent (W)	Watts (W)	Lumen (lm)	Lumens per Watt (lm/W)	Colour Temp (K)	CRI (Ra)	Beam Angle (°)	Dimensions L x Dia (mm)	Price - Each 1 off
1051115781	NLLED/3.5/GU10/827	35	3.5	250	71	2700	80	38	56 x 50	£3.14
1051115782	NLLED/3.5/GU10/840	35	3.5	250	71	4000	80	38	56 x 50	£3.14
1051115783	NLLED/5/GU10/827	50	5	360	72	2700	80	38	56 x 50	£3.53
1051115784	NLLED/5/GU10/840	50	5	360	72	4000	80	38	56 x 50	£3.53
1051115785	NLLED/5.5/GU10/827/DIM	50	5.5	360	65	2700	80	38	56 x 50	£5.35
1051115786	NLLED/5.5/GU10/840/DIM	50	5.5	360	65	4000	80	38	56 x 50	£5.35

LED 12V MR16 GU5.3

The new LED MR16 range provides energy efficient direct replacements for standard halogen lamps. Available in Warm White suitable for almost every type of living space and Cool White ideal for all commercial and office environments.

- Provides instant-on, full light output at start-up for immediate use.
- No UV, IR or heat in the beam preventing any alteration to the lit environment.
- Wide beam angles ideal for general area lighting.
- Up to 25,000 hours of life for long term operation.
- Easy retrofit for traditional halogen lamps.

Save up to £105.00*



NLLED/5/MR16/827

Traditional Product > Replaced by	Energy Saving*	Lifetime Cost Savings*
35W Halogen MR16 > 5W LED MR16	86%	£105.00

* Lifetime savings are based on the reduction in wattage between the traditional product and the new equivalent, multiplied by the life hours of the new product and then by the average cost of Electricity; 0.14p per KWH

2 YR

Order Code	Model No.	Halogen Equivalent (W)	Watts (W)	Lumen (lm)	Lumens per Watt (lm/W)	Colour Temp (K)	CRI (Ra)	Beam Angle (°)	Dimensions L x Dia (mm)	Price - Each 1 off
1051115787	NLLED/5/MR16/827	35	5	350	70	2700	80	38	56 x 50	£5.04
1051115788	NLLED/5/MR16/840	35	5	350	70	4000	80	38	56 x 50	£5.04

Eco Linear Halogen

- Provides instant-on, full light output at start-up for immediate use.
- Mercury free allowing for an environmentally friendly alternative to traditional lamps.
- Direct replacement for standard tubular halogen lamps, with a lower thermal output.



Save up to £28*

Traditional Product > Replaced by	Energy Saving*	Lifetime Cost Savings*
500W T/H > 400W Eco Halogen	20%	£28.00
300W T/H > 230W Eco Halogen	23%	£19.60
200W T/H > 160W Eco Halogen	20%	£11.20
150W T/H > 120W Eco Halogen	20%	£8.40

* Lifetime savings are based on the reduction in wattage between the traditional product and the new equivalent, multiplied by the life hours of the new product and then by the average cost of Electricity; 0.14p per KWH

Order Code	Model No.	Watts (W)	Base/ Socket	Lumens (lm)	Lumens per Watt (lm/W)	Life (Hrs)	Colour Temp (K)	CRI (Ra)	Energy Efficiency Class	Length (mm)	Diameter (mm)	Price - Each 1 off
1051090470	NLLH80S1	80	R7S	1400	17	2,000	2950	100	D	80.3	12	£4.43
1051090469	NLLH120S1	120	R7S	2250	18	2,000	2950	100	D	80.3	12	£4.43
1051090468	NLLH120L1	120	R7S	2200	18	2,000	2950	100	D	114.2	12	£4.43
1051090467	NLLH160L1	160	R7S	3100	19	2,000	2900	100	C	114.2	12	£4.43
1051090466	NLLH230L1	230	R7S	5000	21	2,000	2950	100	C	114.2	12	£4.43
1051090465	NLLH400L1	400	R7S	8750	21	2,000	2950	100	C	114.2	12	£4.43

CFL-L 4-Pin

- Long life hours of 20,000 drastically reducing replacement frequency.
- Outstanding luminous flux and efficiency providing market leading performance.
- Dimmable, when used with correct control gear, for added energy savings.



Order Code	Model No.	Watts (W)	Base/ Socket	Lumens (lm)	Lumens per Watt (lm/W)	Life (Hrs)	Colour Temp (K)	CRI (Ra)	Energy Efficiency Class	Length (mm)	Price - Each 1 off
1051059487	NLPLL1884	18	2G11	1200	66	20000	4000	›80	A	217	£4.12
1051059488	NLPLL3684	36	2G11	2900	80	20000	4000	›80	A	411	£5.81
1051059489	NLPLL4084	40	2G11	3500	87	20000	4000	›80	A	533	£6.04
1051059490	NLPLL5584	55	2G11	4800	87	20000	4000	›80	A	533	£6.04

2D

Newlec 2D lamps are slim compact fluorescent lamps. The square shape provides uniform distribution of light, with no shadows at either end and no dark patches.

- Provides instant-on, full light output at start-up for immediate use.
- Square and compact shape provides uniform distribution of light.

NL162PWH



Order Code	Model No.	Watts (W)	Base/ Socket	Lumens (lm)	Lumens per Watt (lm/W)	Life (Hrs)	Colour Temp (K)	CRI (Ra)	Length (mm)	Height (mm)	Width (mm)	Price - Each 1 off
1050152270	NL162PWH	16	GR8	1050	65	8000	3500	›80	141	27.5	138	£5.44
1050372296	NL282PWH	28	GR8	2050	73	8000	3500	›80	207	33	205	£7.96
1050152272	NL164PWH	16	GR10q	1050	65	8000	3500	›80	141	27.5	138	£5.44
1050152273	NL284PWH	28	GR10q	2050	73	8000	3500	›80	207	33	205	£9.29
1050152276	NL384PWH	38	GR10q	2700	71	8000	3500	›80	207	33	205	£9.66

CFL 2Pin & 4Pin

- Provides instant-on, full light output at start-up for immediate use.
- Outstanding luminous flux and efficiency providing market leading performance.

NLCFL92PCW1

NLCFL262PCW1

NLCFL134PCW1

NLCFL324PCW1



Order Code	Model No.	Watts (W)	Base/ Socket	Lumens (lm)	Lumens per Watt (lm/W)	Life (h)	Colour Temp (K)	CRI (Ra)	Length (mm)	Diameter (mm)	Price - Each 1 off
1051090471	NLCFL92PCW1	9	G23	600	67	10,000	4,000	›80	147	12	£3.24
1051090472	NLCFL112PCW1	11	G23	900	76	10,000	4,000	›80	237	12	£3.24
1051090473	NLCFL132PCW1	13	G24D-1	900	69	10,000	4,000	›80	138	12	£3.93
1051090474	NLCFL182PCW1	18	G24D-2	1200	67	10,000	4,000	›80	153	12	£3.93
1051090475	NLCFL262PCW1	26	G24D-3	1800	69	10,000	4,000	›80	170	12	£3.93
1051090476	NLCFL134PCW1	13	G24Q-1	900	69	20,000	4,000	›80	131	12	£3.93
1051090477	NLCFL184PCW1	18	G24Q-2	1200	67	20,000	4,000	›80	146	12	£3.47
1051090478	NLCFL264PCW1	26	G24Q-3	1800	69	20,000	4,000	›80	165	12	£3.47
1051090479	NLCFL324PCW1	32	GX24Q-3	2400	75	20,000	4,000	›80	148	12	£6.01
1051090480	NLCFL424PCW1	42	GX24Q-4	3200	76	20,000	4,000	›80	169	12	£6.77

T5 Fluorescent

T5 Fluorescent tubes offer all the energy saving benefits of T5 technology. Low wattage, long life, high lumen maintenance and instant on/off features make this a very attractive alternative to standard T8 tubes.



NLT58CW

- Outstanding luminous flux and efficiency providing market leading performance.
- Long life hours of up to 24,000 hrs drastically reducing replacement frequency.
- Very good lumen maintenance of 80%, maintaining high levels of performance throughout lifetime.

Order Code	Model No.	Watts (W)	Base/ Socket	Lumens (lm)	Life (Hrs)	Colour Temp (K)	CRI (Ra)	Size L x D (mm)	Price - Each 1 off
12"									
1050372533	NLT58CW	8	G5	385	12000	4000	60	300 x 16	£2.16
1051059455	NLT58WH	8	G5	385	12000	3500	60	300 x 16	£2.16
High Efficiency									
1051059460	NLT51484	14	G5	1200	24000	4000	›80	549 x 16	£17.23
1051059461	NLT52184	21	G5	1900	24000	4000	›80	849 x 16	£22.28
1051059462	NLT52884	28	G5	2600	24000	4000	›80	1149 x 16	£22.28
1051059463	NLT53584	35	G5	3320	24000	4000	›80	1449 x 16	£25.02
High Output									
1051059464	NLT52484	24	G5	1750	24000	4000	›80	549 x 16	£22.28
1051059465	NLT53984	39	G5	3100	24000	4000	›80	849 x 16	£23.65
1051059467	NLT55484	54	G5	4450	24000	4000	›80	1149 x 16	£25.02
1051059466	NLT54984	49	G5	4310	24000	4000	›80	1449 x 16	£25.02

T8 Fluorescent

Utilising traditional T8 technology these tubes are the best retrofit option for replacing and installing T8 lamps.



NLT81884

- Good colour rendering of Ra ›80, providing a high quality and accurate light output.
- Dimmable, when used with correct control gear, for added energy savings.
- Very good lumen maintenance of 80%, maintaining high levels of performance throughout lifetime.

Order Code	Model No.	Watts (W)	Base/ Socket	Lumens (lm)	Life (Hrs)	Colour Temp (K)	CRI (Ra)	Size (Feet)	Size L x D (mm)	Price - Each 1 off
1051059459	NLT81884	18	G13	1350	20000	4000	›80	2ft	590 x 26	£16.00
1051059457	NLT83684	36	G13	3350	20000	4000	›80	4ft	1200 x 26	£18.46
1051059456	NLT85884	58	G13	5200	20000	4000	›80	5ft	1500 x 26	£21.19
1051059458	NLT87084	70	G13	6000	20000	4000	›80	6ft	1778 x 26	£39.23

LED LFL TUBES

The LED Tube range provides energy efficient direct replacements for 2ft, 4ft, 5ft & 6ft T8 fluorescent tubes. Available in Cool White suitable for almost every type of office space and Daylight ideal for all commercial environments.

- Up to 30,000 hours of life for long term operation.
- Switch start retrofit - Simply replace starter with one provided.
- HF retrofit - To achieve energy savings control gear must be bypassed and wired directly to the mains.
- Both S/S & HF must be bypassed for full energy savings.
- Glass tube with shatterproof coating.





Save up to £168.00*

Traditional Product > Replaced by	Energy Saving*	Lifetime Cost Savings*
2ft Fluorescent Tube > 2ft LED Tube	56%	£42.00
4ft Fluorescent Tube > 4ft LED Tube	50%	£75.60
5ft Fluorescent Tube > 5ft LED Tube	59%	£142.80
6ft Fluorescent Tube > 6ft LED Tube	57%	£168.00

* Lifetime savings are based on the reduction in wattage between the traditional product and the new equivalent, multiplied by the life hours of the new product and then by the average cost of Electricity; 0.14p per KWH

3 YR

Order Code	Model No.	Fluorescent Equivalent (W)	Watts (W)	Lumen (lm)	Lumens per Watt (lm/W)	Colour Temp (K)	CRI (Ra)	Dimensions L x Dia (mm)	Price - Each 1 off
1051116457	NL/9/LED/T8/2/840	18	9	900	100	4000	80	590 x 26	£5.00
1051116458	NL/18/LED/T8/4/840	36	18	1800	100	4000	80	1200 x 26	£9.12
1051116459	NL/22/LED/T8/5/840	58	22	2200	100	4000	80	1500 x 26	£11.88
1051116460	NL/30/LED/T8/6/840	70	30	3000	100	4000	80	1764 x 26	£18.76
1051116461	NL/9/LED/T8/2/865	18	9	900	100	6500	80	590 x 26	£5.00
1051116462	NL/18/LED/T8/4/865	36	18	1800	100	6500	80	1200 x 26	£9.12
1051116463	NL/22/LED/T8/5/865	58	22	2200	100	6500	80	1500 x 26	£11.88
1051116464	NL/30/LED/T8/6/865	70	30	3000	100	6500	80	1764 x 26	£18.76

Metal Halide Tubular - Dual

High brightness, high quality white light with good colour rendition and energy efficiency makes Newlec Dual Metal Halide lamps suitable for many commercial and industrial interiors, particularly in high ceiling areas.



- Direct replacement for HPS and mercury lamps and can be operated on either control gear.
- Superior performance when replacing Metal Halide lamps working on either HPS or mercury gear.
- Outstanding luminous efficiency providing market leading performance.
- Excellent lumen maintenance for optimum performance through to end of life.

Order Code	Model No.	Watts (W)	Base / Socket	Lumens (lm)	Lumens per Watt (lm/W)	Life (Hrs)	Colour Temp (K)	CRI (Ra)	Length (mm)	Diameter (mm)	Price - Each 1 off
1051024042	NLDMHT70W	70	E27	5300	75	15000	4000	68	156	38	£33.14
1051024043	NLDMHT150W	150	E40	14000	93	15000	4000	68	215	46	£33.14
1051024044	NLDMHT250W	250	E40	23000	92	10000	4500	68	245	46	£30.37
1051024045	NLDMHT400W	400	E40	37000	92	10000	4500	68	285	46	£30.37





Metal Halide Elliptical - Dual

High brightness, high quality white light with good colour rendition and energy efficiency make Newlec Dual Metal Halide lamps suitable for many commercial and industrial interiors, particularly in high ceiling areas.



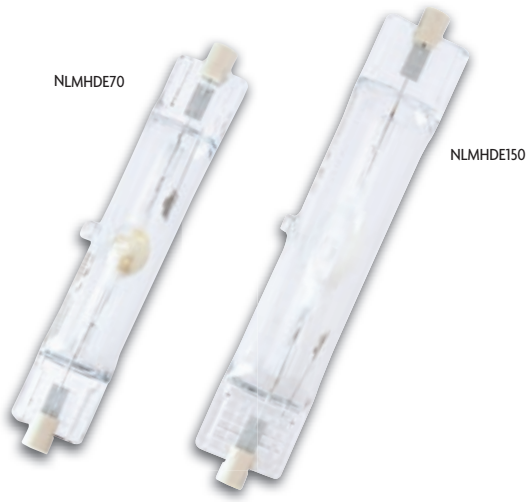
- Direct replacement for HPS and mercury lamps and can be operated on either control gear.
- Superior performance when replacing metal halide lamps working on either HPS or mercury gear.
- Outstanding luminous efficiency providing market leading performance.
- Excellent lumen maintenance for optimum performance through to end of life.

Order Code	Model No.	Watts (W)	Base / Socket	Lumens (lm)	Lumens per Watt (lm/W)	Life (Hrs)	Colour Temp (K)	CRI (Ra)	Length (mm)	Diameter (mm)	Price - Each 1 off
1051024046	NLDMHE70W	70	E27	4800	68	15000	3700	70	141	54	£35.14
1051024047	NLDMHE150W	150	E27	13300	88	15000	3700	70	141	54	£35.14
1051024048	NLDMHE250W	250	E40	22000	88	10000	4500	70	215	90	£29.93
1051024049	NLDMHE400W	400	E40	35000	87	15000	4500	70	296	120	£29.93

Metal Halide Quartz Double Ended

High brightness, high quality white light with good colour rendition, excellent colour consistency and energy efficiency make these lamps suitable for retail environments and commercial interiors. Lamps with a UVC feature are optimal for museum and retail environments where UV control is important.

- UV stop preventing any alteration to the lit environment.
- Excellent colour conformity for high quality light output.
- Long life hours drastically reducing replacement frequency.



Order Code	Model No.	Watts (W)	Base / Socket	Lumens (lm)	Lumens per Watt (lm/W)	Life (Hrs)	Colour Temp (K)	CRI (Ra)	Length (mm)	Diameter (mm)	Price - Each 1 off
1052055348	NLMHDE70	70	Rx7s	5500	78	10000	4200	70	117.6	20	£13.21
1052055349	NLMHDE150	150	Rx7s	11250	75	10000	4200	70	135.4	23	£13.21

Metal Halide Ceramic

- Excellent colour rendering for high quality light outout.
- Long life hours drastically reducing replacement frequency.
- Significantly less power consumption than halogen equivalents, adding to energy saving opportunities and lower running costs.



Order Code	Model No.	Watts (W)	Base / Socket	Lumens (lm)	Lumens per Watt (lm/W)	Life (Hrs)	Colour Temp (K)	CRI (Ra)	Length (mm)	Diameter (mm)	Price - Each 1 off
1052055350	NLCMH3594	35	G8.5	3300	94	12000	4200	90	85	14.5	£25.97
1052055351	NLCMH3583	35	G8.5	3400	97	12000	3000	80+	85	14.5	£25.97
1052055352	NLCMH7094	70	G12	6600	94	12000	4200	90	90	19	£25.97
1052055353	NLCMH7083	70	G12	7000	100	12000	3000	80+	90	19	£25.97
1052055354	NLCMH15094	150	G12	13500	90	12000	4200	90	100	19	£25.97
1052055355	NLCMH15083	150	G12	15000	100	12000	3000	80+	100	19	£25.97

SON Elliptical

NLHPSE70IG



- Outstanding luminous efficiency providing market leading performance.
- Excellent lumen maintenance for optimum performance through to end of life.
- Improved reliability due to arc tube design.
- Long life hours drastically reducing replacement frequency (up to 32,000 hours when operated on high frequency control gear).
- NLHPSE70IG has an internal ignitor.

Order Code	Model No.	Watts (W)	Base / Socket	Lumens (lm)	Lumens per Watt (lm/W)	Life (Hrs)	Colour Temp (K)	CRI (Ra)	Length (mm)	Diameter (mm)	Price - Each 1 off
1050379846	NLHPSE70IG	70	E27	6270	89	28000	2000	25	156	72	£14.31
1050379847	NLHPSE70	70	E27	6270	89	28000	2000	20	156	72	£13.55
1052055341	NLHPSE150	150	E40	16340	108	28000	2000	20	227	91	£16.76
1052055342	NLHPSE250	250	E40	30875	123	28000	2000	20	227	91	£21.17
1052055343	NLHPSE400	400	E40	53200	133	28000	2000	20	282	122	£24.72

SON Tubular



- Outstanding luminous efficiency providing market leading performance.
- Excellent lumen maintenance for optimum performance through to end of life.
- Improved reliability due to arc tube deisgn.
- Long life hours deastically reducing replacement frequency (up to 32,000 hours when operated on high frequency control gear).

Order Code	Model No.	Watts (W)	Base / Socket	Lumens (lm)	Lumens per Watt (lm/W)	Life (Hrs)	Colour Temp (K)	CRI (Ra)	Length (mm)	Diameter (mm)	Price - Each 1 off
1052055344	NLHPST70	70	E27	6500	92	28000	2000	25	156	38	£13.82
1052055345	NLHPST150	150	E40	17200	114	28000	2000	25	211	46	£15.44
1052055346	NLHPST250	250	E40	33000	132	28000	2000	25	260	46	£18.50
1052055347	NLHPST400	400	E40	56700	141	28000	2000	25	278	46	£21.63

OVER 80% ENERGY SAVINGS ON LED RESIDENTIAL LIGHTING!

Our new domestic LED lighting range offers huge energy savings over traditional light sources, and includes coach and wall lanterns, standard and round bulkheads and mirror lights. Stylish and easy to install, PIR options and a selection of finishes are available.



- IP rated
- Easy to install
- PIR options available (lantern only)



TICKS THE BOX EVERY TIME

Exclusive electrical products for professionals

Newlec®

BOOST AIR QUALITY
WITHOUT THE NOISE

With virtually silent operation, Newlec continuous running fans reduce condensation and improve air quality, and are suitable for any room in the house. One of the most efficient fans available.

- Reduces condensation and improves air quality – helps prevent mould and damp
- Designed to work within the homes natural heat loss
- Slimline flat front for discreet styling – reduces dust and dirt build up





TICKS THE BOX EVERY TIME

Exclusive electrical products for professionals

Newlec®



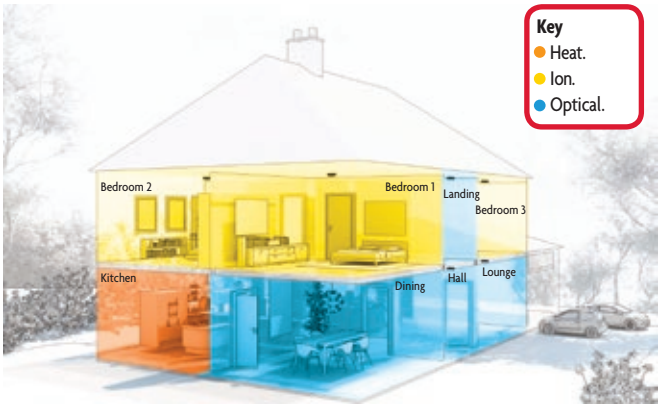
Fire & Security

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Battery Powered Smoke/Heat/CO Alarms

Where to Use Smoke and Heat Alarms

Smoke alarm selection guide:



A domestic property requires 3 types of alarm to be fully protected.

- Heat alarms in kitchen.
- Optical alarms in landing and living spaces.
- Ionisation alarms in bedrooms.

Benefits of different types of alarm

	Slow Burning, Smouldering Fires	Fast Flaming Fires	Resistant to Kitchen Fumes	Heat Build Up From Large Fires
Heat Alarms			✔	✔
Ionisation Alarms		✔		
Optical Alarms	✔			

Battery Powered Alarms

This comprehensive range of battery powered smoke alarms comes with a 9V battery, offering the most cost effective means of fire protection.
All models benefit from:

- Low battery warning signal - bleeps every 30 seconds for 30 days when replacement battery is required.
- Automatic Self-Test - unit tests itself every 40 seconds and bleeps if a fault is detected.
- Built in Test button - tests circuitry, sensor and sounds horn.
- Interconnectable - up to 12 alarms can be interconnected using lightweight twin core cable.
- Automatic reset facility - alarm automatically resets itself once smoke has cleared from the detection chamber.

Heat Alarm



5 YR

Order Code	Description	Price - Each 1 off
1050132583	Battery Powered Heat Alarm	£24.56

Optical Alarm



5 YR

Order Code	Description	Price - Each 1 off
1050132554	Battery Powered Optical Alarm	£18.68

Ionisation Alarm



5 YR

Order Code	Description	Price - Each 1 off
1050132556	Battery Powered Ionisation Alarm	£8.82

Battery Powered CO Alarm

Carbon monoxide (CO) is a poisonous, colourless, odourless, tasteless gas and invisible to all the human senses. It can be lethal at both high and low levels of exposure. It is now compulsory for **ALL** private sector landlords in England to install working carbon monoxide alarms or face a **£5,000 fine**.

Our CO alarms come with AudioLINK as standard. Simply download the AudioLINK app to your compatible smartphone or tablet to get access to extra data such as CO activations, age (run time) and peak CO levels amongst other available data.



- 10 year 'Powered for life' sealed lithium battery.
- Test/Hush button - can either silence false alarms or perform a self-test.
- Pre alarm gives early warning of CO.
- Power, alarm and fault indicator lights for complete peace of mind.
- End of life indication - notifies the user when the alarm needs replacing at the end of its ten year operational life.

5 YR

Order Code	Description	Price - Each 1 off
1051034366	Battery Powered CO Alarm	£20.08

Mains Wired Alarms with Battery Back-Up

This comprehensive range of hard-wired smoke alarms comes with a 9V battery back-up, ensuring that if a mains power failure occurs, the alarm will continue to operate in the event of a fire. All models benefit from:

- 9V alkaline battery back-up - battery lasts for up to 4 years in standby mode and can power the alarm for up to 2 years without mains power.
- Easi-fit base for fast installation - automatically connects both mains power and the battery as the detector slides on.
- Test/Silence button - Can either silence false alarms or perform a self-test.
- Interconnectable - up to 20 alarms can be wirelessly interconnected when used with RF mounting base - 1050352308.
- Low battery warning signal - bleeps every 40 seconds to indicate that the battery back-up is depleted and needs replacing.

Heat Alarm



5 YR

Order Code	Description	Price - Each 1 off
1000003700	Mains Wired Heat Alarm	£31.75

Optical Alarm



5 YR

Order Code	Description	Price - Each 1 off
1050132590	Mains Wired Optical Alarm	£25.38

Ionisation Alarm



5 YR

Order Code	Description	Price - Each 1 off
1000003561	Mains Wired Ionisation Alarm	£17.74

RF Mounting Base



5 YR

Order Code	Description	Price - Each 1 off
1050352308	RF Mounting Base	£49.75

Mains Wired CO Alarm with Battery Back-up

Carbon monoxide (CO) is a poisonous, colourless, odourless, tasteless gas and invisible to all the human senses. It can be lethal at both high and low levels of exposure. It is now compulsory for **ALL** private sector landlords in England to install working carbon monoxide alarms or face a **£5,000 fine**.

Our CO alarms come with AudioLINK as standard. Simply download the AudioLINK app to you compatible smartphone or tablet to get access to extra data such as CO activations, age (run time) and peak CO levels amongst other available data.

- 10 year tamper proof rechargeable lithium battery back-up.
- Test/Hush button - Can either silence false alarms or perform a self-test.
- Easi-fit base for fast installation - automatically connects both mains power and the battery as the detector slides on.
- Pre-Alarm gives early warning of CO.
- Power, alarm and fault indicator lights for complete peace of mind.



5 YR

Order Code	Description	Price - Each 1 off
1050360837	Mains Wired CO Alarm with Battery Back-up	£56.33

Fire Protection Covers/Gaskets

- The fitting of recessed light fittings, wall sockets, light switches and trunking for cables and other services can seriously compromise the fire integrity of fire rated ceilings, floors and walls.
- The IEE Wiring Regulations, 17th Edition and Building Regulations require the sealing of any penetrations of fire resistant elements in walls, floors and ceilings to ensure that the original fire resistance of the construction is maintained.
- Newlec fire protection covers can be used for ALL lamp types.
- Newlec fire protection covers for downlighters ensure an ONGOING AND COMPLETE level of intumescent fire protection even if fittings are replaced (i.e. by the homeowner).

Fire Protection Covers - Downlighters



NLFPC1

- In excess of 60 minute fire protection for the ceiling.
- Easy to fit from above or below the ceiling.
- Fully intumescent, lightweight construction.
- Reduces noise transmission to the area above.
- Fully ventilated to avoid overheating of the fitting.
- No maintenance required and unaffected by moisture.
- Tested and approved to BS 476: Pt 20-23 BS EN1365-2.

Order Code	Model No.	Internal Size (mm)	Cut Out (mm)	Pack Qty	Price - Each 1 off
1050153474	NLFPC1	150 x 150	50 - 75	1	£11.46

Fire Protection Covers - Fluorescent



NLFPC50

- In excess of 60 minute fire protection for the ceiling.
- Easy to fit from above or below the ceiling - with sufficient void space above.
- Lightweight construction - no supports or fixing clips required.
- Reduces noise transmission to the area above.
- Easy access for maintenance of luminaire.
- No maintenance required and unaffected by moisture.
- Tested and approved to BS 476: Pt 23 - 73mins.

Order Code	Model No.	Internal Size (mm)	Price - Each 1 off
1051005659	NLFPC50	600 x 600	£45.63

Fire Protection Pillows



NLFPC38

Trunking pillows are used to seal off service penetrations by simply choosing the size of pillow required.

- The pillows should be tightly packed to ensure a good seal. Where large holes are to be filled, it may be necessary to use multiple pillows to achieve a good seal.
- Tested & approved to BS476-20, BS476-22 and EN13633-3.

Order Code	Model No.	Type	Internal Size (mm)	Price - Each 1 off
1050153489	NLFPC38	Pillow	330 x 50 x 20	£3.87
1050153490	NLFPC39	Pillow	330 x 200 x 25	£8.34
1050153491	NLFPC40	Pillow	330 x 200 x 45	£8.82

Fire Protection Gaskets



- The appropriate gasket is simply placed into position within the switch/socket box. In the event of a fire the gasket expands and prevents flames and smoke spreading further.
- Tested and approved to BS476-22.

Order Code	Model No.	Type	Size (mm)	Price - Each 1 off
1050153481	NLFPC30	1 Gang Metal Box	68 x 68	£1.39
1050153482	NLFPC31	2 Gang Metal Box	136 x 68	£1.83

How does a 2-wire fire alarm system work?

2 wire systems combine both the detection and the alarm annunciation wiring into a single circuit which allows the whole system to be easily installed using only one pair of wires per zone. This compares to conventional alarm panels which require detection and alarm annunciation on separate circuits therefore requiring 2 pairs of wires per zone.

Benefits of using the Newlec Twinflex Fire Alarm System:

Time Saving

- Only one circuit per zone to connect detectors and sounders is required.

Cost Saving

- One pair of wires means decreased cabling costs.

Ease of Installation

- Multi-function detectors and only one pair of wires per zone makes installation much simpler.

Multifunction Detection Technology

- The multipoint detectors have an option for one of seven detection modes settable on installation as well as an integral sounder, saving money and time whilst simplifying installation.

THIS ALL ADDS UP TO INSTALLATION SAVINGS UP TO **40%** COMPARED TO AN EQUIVALENT CONVENTIONAL SYSTEM

Twinflex Fire Alarm Panel

The Twinflexpro control panel is fully BS5839 and EN54 part 2 & 4 compliant and offers a complete solution for your fire alarm system - all on just two wires. It is available in 2, 4 or 8 zone options and can accomodate up to 32 devices per zone.

- Key or code access for control user functions.
- Break glass identification on panel - differentiates between call point or detector alarm.
- 3.4Ah battery capacity - up to 12 hour standby.
- Control panel warning for head contamination indication to signal that optical chamber is contaminated - reduces risk of nuisance alarms.



NL2W8Z

Order Code	Model No.	Description	Price - Each 1 off
1051050503	NL2W2Z	2 Zone Twinflex Panel	£257.04
1051050504	NL2W4Z	4 Zone Twinflex Panel	£318.90
1051050505	NL2W8Z	8 Zone Twinflex Panel	£438.50

Multipoint Detectors

Newlec Multipoint ASD detectors use patented, advanced optical scatter sensor design and sophisticated electronic technology to deliver reliable smoke and/or heat detection, significantly reducing the risk of nuisance fire alarms. They offer a full range of detection capabilities with an integrated sounder all from one device. They can be matched to any environment in which they are installed and changed any time during the lifetime of the installation.

The Newlec multipoint ASD detector can be set with any of the following 7 modes of detection:

SMOKE 1

Used where ionisation detectors are normally fitted - especially when there are high ceilings or a risk of free burning fires (chemical stores etc), or fires that need to be detected extremely quickly.

HEAT 1

Used where a standard rate-of-rise detector would normally be used.

SMOKE 2 / HEAT 2

A combination of SMOKE 2 and HEAT 2 - will trigger with either a smoke or a heat source.

SMOKE 2

Used where optical detectors are normally fitted, when there is a risk of a smouldering fire and for escape routes.

HEAT 2

Standard fixed temperature heat detector (approx. 58°C) - Suitable for domestic kitchens etc.

SMOKE 3

Designed for areas prone to nuisance alarms - has a reduced sensitivity and time delay feature. Ideal for hotel bedrooms with en-suite showers for example.

HEAT 3

High fixed temperature (approx. 90°C) - suitable for boiler rooms, commercial kitchens etc.


NLASD

Order Code	Model No.	Description	Price - Each 1 off
1051057747	NLASD	ASD Detector	£38.42
1051057748	NLASDS	ASD Detector with Sounder	£46.30
1051050508	NLMDSS	ASD Detector with Sounder/Strobe	£72.05

Twinflex Starter Kits



NL2W22ZKIT

Kit contains:

- 1 x 2, 4 or 8 zone panel (NL2W2Z, NL2W4Z or NL2W8Z).
- 6 x multipoint detectors with sounder (NLMDS).
- 1 x multipoint detector with sounder and strobe (NLMDSS).
- 2 x manual call points (NL2WCP).
- 1 x head removal tool.

Order Code	Model No.	Description	Price - Each 1 off
1051050510	NL2W2ZKIT	2 Wire 2 Zone Kit	£575.93
1051050511	NL2W4ZKIT	2 Wire 4 Zone Kit	£637.82
1051050512	NL2W8ZKIT	2 Wire 8 Zone Kit	£758.03

Twinflex Repeater Panel



NLREPEAT

- LCD display to indicate fire and fault events.
- Key switch operation.
- Can perform system controls over the network (ie silence alarms, reset sound alarms and silence buzzer.
- Up to 8 repeater panels can be connected to a single control panel.

Order Code	Model No.	Description	Price - Each 1 off
1051050509	NLREPEAT	Repeater Panel	£225.69

2-Wire Input/Output Unit



NL2WIO

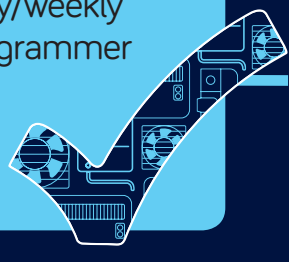
- Complies with EN54 Part 18.
- Provides an interface between ancillary devices and the zone.
- Can be installed on the same zone as the multipoint detector/sounder.
- Mounted in a standard double gang box.
- Comes with two sets of 2A rated SPCO relay contacts, one monitored input and inbuilt 'End of Line'.

Order Code	Model No.	Description	Price - Each 1 off
1051050518	NL2WIO	Input / Output Unit	£74.39

ELECTRIC RADIATORS
SEE PAGE 250



Offering total control room by room with built-in daily/weekly programmer



2-Wire Callpoints

- Complies with EN54 Part 11.
- Easy to install - just one screw connects the whole unit.
- Resettable element - need for replacement glass is negated, simply reset using key provided.
- LED for indication of end of line and alarm.
- Adaptor plate provided for use with standard flush or surface back boxes.



NL2WCP

Order Code	Model No.	Description	Price - Each 1 off
1051050513	NL2WCP	Manual Call Point	£20.98

2-Wire Sounder - Red

- Complies with EN54 Part 3.
- Use where extra sound output is required or where automatic detection is not needed.
- Bayonet locking system - makes sounder easy to install.
- Anti-tamper mechanism.
- Sounder volume - 90dB+.



NL2WSOUND

Order Code	Model No.	Description	Price - Each 1 off
1051050515	NL2WSOUND	Sounder - Red	£24.71

Indoor/Outdoor Hi Point Sounder

- Complies with EN54 Part 3.
- IP55 rating making it suitable for external applications.
- Ideal for areas that do not require automatic detection but require a high sound level.
- Easy installation - base can installed at first fix and simply plugging in the unit when required.
- Sounder volume - 65dB+ normal, 90dB+ high.

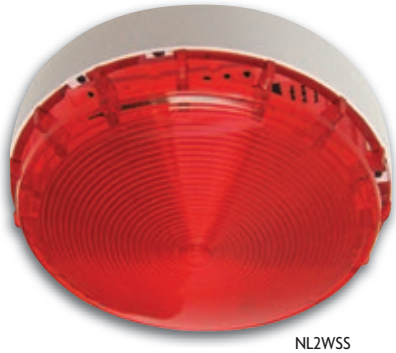


NL2WSOD

Order Code	Model No.	Description	Price - Each 1 off
1051050516	NL2WSOD	Indoor/Outdoor Hi Point Sounder - Red	£49.21

2-Wire Sounder/Strobe

- Complies with EN54 Part 3.
- Allows simple and effective visual indication plus sounder.
- Easy installation - base can installed at first fix and simply plugging in the unit when required.
- Anti-tamper mechanism.



NL2WSS

Order Code	Model No.	Description	Price - Each 1 off
1051050517	NL2WSS	Sounder with Strobe	£42.76

Ancillary devices in the Newlec range have been specifically designed to be fully compatible with the Newlec range of alarm panels.

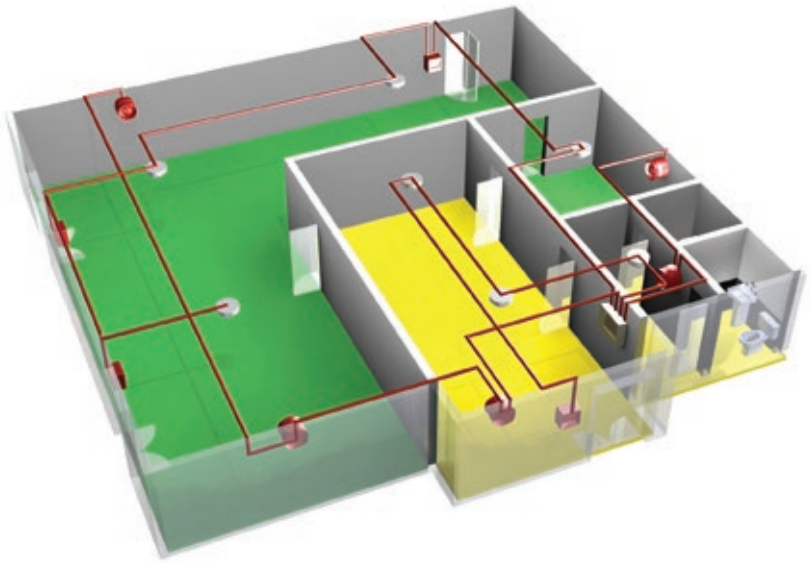
All products are manufactured in an ISO 9001 facility and approved to EN54 parts 2 & 4.

Typical Wiring - Conventional System

Conventional Fire Systems

Conventional - The Basics

- The philosophy of a conventional system revolves around dividing the building into a number of areas called zones. The detectors and callpoints within each zone are then wired on dedicated zone circuit.
- In the event of a detector or callpoint being triggered, the panel is able to identify which circuit contains the triggered device and thereby indicate which zone the fire alarm has come from.
- It is then necessary to manually search the indicated zone to pinpoint the exact cause of the fire alarm.
- Because most conventional detectors are simple two state devices they can only be in either a normal or fire condition. Although modern components and good system design can go some way to reducing potential problems.
- Alarm devices such as electronic sounders or visual alarms are wired on separate sounder circuits. It is important that at least two sounder circuits are wired on each system.



Conventional Panel - 2, 4 and 8 Zone



The new conventional panel from Newlec fully complies with updated EN54 parts 2 & 4 legislation. It has everything necessary for the correct operation of the system, including batteries and end of line monitors.

Order Code	Model No.	Panel Type	Price - Each 1 off
1051050497	NLCFP2Z	2 Zone	£183.10
1051050498	NLCFP4Z	4 Zone	£190.53
1051050499	NLCFP8Z	8 Zone	£283.67

Detectors

Order Code	Model No.	Description	Price - Each 1 off
1050317817	NLCDO	Optical Detector	£25.39
1050317819	NLCDFH	77°C Fixed	£14.44
1050317820	NLCDRR	60°C Rate of Rise	£16.46
1050317822	NLCDHT	90°C High Temperature	£15.98

- Drift compensation.
- Ultra low profile, 360° viewing angle LED.
- Photo/Thermal alternative to old ionisation types.
- Simple to install via a purpose designed common mounting base.

1 YR



NLCDO

Detector Base

Order Code	Model No.	Description	Price - Each 1 off
1050317821	NLCDB	Common Base	£4.82

- Selectable detector locking feature.
- Separate zone in and out connections.
- Base incorporates features to support surface wiring.

1 YR



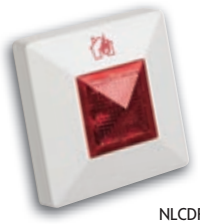
NLCDB

Remote Indicator

Order Code	Model No.	Description	Price - Each 1 off
1050317823	NLCDRI	Remote Indicator	£8.71

- Simple to install, fits onto standard single gang back box.

1 YR



NLCDRI

Call Points

Order Code	Model No.	Description	Price - Each 1 off
1050317800	NLCSMCP	Callpoint, Service/Flush	£14.37
1050317803	NLCRBG	Break Glasses (pack of 5)	£5.91
1050317804	NLCCPK	Callpoint Keys (pack of 10)	£6.91

- Fast fit clip on front cover, for ease of installation and maintenance.
- Heavy duty terminals.
- A bottom entry facility is included for simple testing in confined locations.

1 YR



NLCSMCP

Bell

Order Code	Model No.	Description	Price - Each 1 off
1050317811	NLCB	6 Inch Bell, 24V DC	£24.37

- High sound output.
- Low current consumption.
- Class change facility.

1 YR



NLCB

Surface Sounder

Order Code	Model No.	Description	Price - Each 1 off
1050317805	NLCLPS	Surface Sounder	£30.28

- Quick and simple to install.
- Low profile design.
- 32 selectable tones.

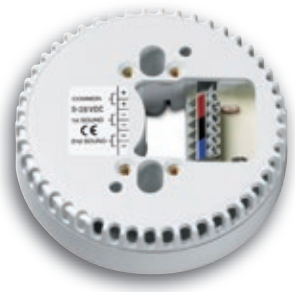
1 YR



NLCLPS

Sounder Base

NLCBS



- May be fitted with integrated detector mounting base.
- Optional cover plate.
- Can be used as a base sounder or stand alone sounder.

1 YR

Order Code	Model No.	Description	Price - Each 1 off
1050317807	NLCBS	Sounder Base	£29.94

Magnetic Door Holders

NLDR240



- Supplied with striker plate.
- Floor or wall mounting.

1 YR

Order Code	Model No.	Description	Price - Each 1 off
1050317812	NLDR240	Magnetic Door Release 240V	£51.53
1050317813	NLDRDC	Magnetic Door Release 24V DC	£51.53
1050317816	NLDRB	Floor Mounted Bracket	£18.01
1050392659	NLMDR	Magnetic Door Release 1.5 Amp PSU	£306.83

Visual Alarm Devices (VADS)



NLVADSWB



NLVADSCB



NLVADSSB

2014 saw the introduction of EN54-23, a new standard for fire alarm beacons. The update to BS5839-1 2013 requires EN54-23 approved beacons as part of the risk assessment, especially important for high noise areas, lone working environments or where there is an expectation of occupants with hearing difficulties. The new range from Newlec for conventional panels ensures you compliant to the latest standards and comprises of:

- Deep base wall beacon - Red
- Ceiling beacon - White.
- Wall Sounder beacon - Red.

Suitable for when a visual alarm device is required in addition to an audible alarm.

- 7.5M room coverage.
- Current consumption as low as 10mA.
- 0.5Hz or 1.0Hz flash rate.
- Red flash.
- 4 power settings.

Order Code	Model No.	Description	Price - Each 1 off
1051050500	NLVADSWB	Red Wall Beacon	£59.71
1051050501	NLVADSCB	White Ceiling Beacon	£59.10
1051050502	NLVADSSB	Red Sounder Beacon	£78.42

Emergency Assist Alarm Kit

There are a variety of regulations covering the provision of disabled facilities and disabled access within a building which can make knowing which emergency assist alarm to install seem complicated. Easy to install, stand alone emergency alarm kit from Newlec makes product selection straight forward and complies with all the relevant elements of the regulations listed below:

- Building Regulations Approved Doc M.
- BS8300:2009 - replaces BS8300:2001.

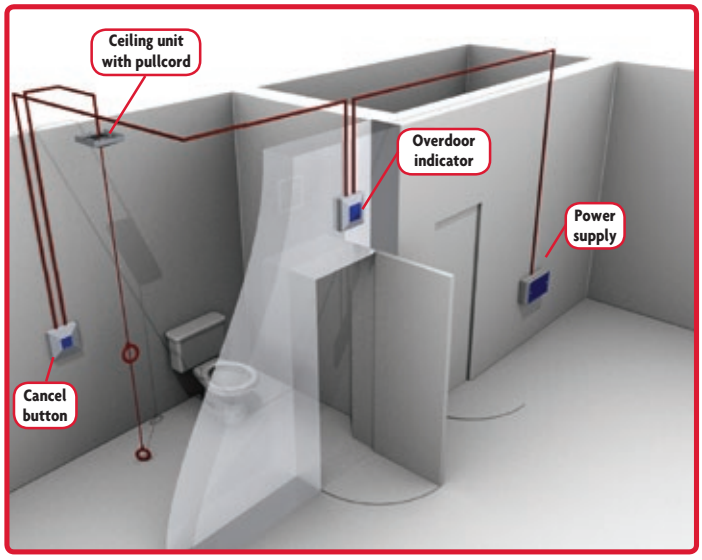


NLEAA

- Quick and simple to install - limited cable requirements.
- High output blue LED indicator and buzzer provide visual and audible feedback that alarm has been operated.
- High contrast printing for increased visibility.
- Tactile braille signage on cancel button to assist partially sighted.

Kit contains:

1 x Power supply unit.
1 x Over door indicator.
1 x Ceiling unit with red dual loop pull cord.
1 x Clearly labelled "Cancel" button.
1 x Disabled sticker.



Order Code	Model No.	Description	Price - Each 1 off
1052055662	NLEAA	Disabled Toilet Alarm Kit	£88.93

MEV
MECHANICAL
EXTRACT
VENTILATION
SEE PAGE 239



Simultaneous ventilation of separate wet areas, kitchens and utility rooms



Intruder Alarms - Wired

Newlec have your security in mind
Every home deserves the protection of a dependable alarm system. The Newlec range of security panels offers the perfect solution for both residential and light commercial applications. The extensive range of products provides the professional installer with a comprehensive and reliable solution, that can be fitted with ease and with minimum disruption to a property.

Alarm Kit - 8 Zone LED


NL2100

- 8 zone wired control panel.
- LED remote keypad.
- 4 x 12M motion sensors.
- Bell box.
- Surface mount contacts.
- Panic button.
- 100M 6 core cable.
- 12V/1.2 AH battery.

1 YR

Order Code	Model No.	Description	Price - Each 1 off
1050362905	NL2100	8 Zone LED Kit	£212.19

Alarm Kit - 8 Zone LCD


NL2101

- 8 zone wired control panel.
- LCD remote keypad.
- 2 x 12M motion sensors.
- Bell box.
- Surface mount contacts.
- Panic button.
- 100M 6 core cable.
- 12V/1.2 AH battery.

1 YR

Order Code	Model No.	Description	Price - Each 1 off
1050362906	NL2101	8 Zone LCD Kit	£189.66

Alarm Panel - Wired 8 Zone


NL2115

- Up to 4 keypads per panel.
- 3 part set programmes.
- 2 zones can be programmed as fire.
- 4 access codes.

1 YR

Order Code	Model No.	Description	Price - Each 1 off
1050363495	NL2115	LED Panel	£68.65
1050363496	NL2116	LCD Panel	£81.39

Speech Dialler


NL2103

- Dedicated speech dialler - inhibit for bells only panels.
- Follow me number (+ 3 dedicated).
- 3 warning messages.
- Adjustable playback volume.
- 4 trigger inputs.

1 YR

Order Code	Model No.	Description	Price - Each 1 off
1050362908	NL2103	Speech Dialler	£105.39

Remote Keypads


NL2107

- LED keypad can be used with NL2100 or NL2115.
- LCD keypad can be used with NL2101 or NL2116.
- Remote keypads can be mixed.
- Up to 4 keypads per panel.

1 YR

Order Code	Model No.	Description	Price - Each 1 off
1050362912	NL2107	LED Keypad	£31.30
1050363497	NL2117	LCD Keypad	£42.05

PIR

Order Code	Model No.	Description	Price - Each 1 off
1050362910	NL2105	PIR	£10.86

- Passive infrared motion sensor with temperature compensation.
- Look-down zone.
- Insect trap built in.
- Tamper switch.

1 YR

NL2105



Detector

Order Code	Model No.	Description	Price - Each 1 off
1050362913	NL2108	Detector	£42.14

- 15M x 18M range dual technology detector.
- Ability to adjust the microwave down to suit the characteristics of a 3M room.
- K-band technology, 35mA @ 12V DC.
- Operating temperature -10°C to 55°C.
- Ideal for garages & conservatories.
- EN50131-1 Security Grade 2.

1 YR

NL2108



Bell Box

Order Code	Model No.	Description	Price - Each 1 off
1050362909	NL2104	Wired Bell Box	£31.85

- ActiveGuard external siren.
- Sound output of 110dB.
- One standard, built-in, wrap around strobe lens.
- Horizontal and vertical mounting.
- Multi-colour options.

1 YR

NL2104



Magnetic Contacts

Order Code	Model No.	Description	Price - Each 1 off
1050362915	NL2110	Surface	£2.31

- 4 wire magnetic contact including tamper loop.
- Surface mount, 5 screw terminals.
- Recessed magnetic contact including tamper loop.
- EN50131-1 Security Grade 2.
- Environmental Class II.

1 YR

NL2110



NL2111



Intruder Alarm Cable

Order Code	Model No.	No. Cores	Price - Each 1 off
1000008722	NL308N	4	POA
1000008723	NL309N	6	POA
1000008724	NL329N	8	POA

- 7 x 0.19mm stranded tinned, annealed, copper conductor - nominal.
- Integral rip cord.
- Increased flexibility.
- Double tested during manufacture to resolve false alarm triggering when installed.
- 100M coil.

1 YR

NL308N





4 core - Red, blue, yellow, black.



6 core - Red, blue, yellow, black, white, green.



8 core - Red, blue, yellow, black, white, green, orange, brown.

Digital CCTV Systems

Newlec offers a simple to install digital CCTV solution for home or business use with many benefits.

- High capacity digital video recorder.
- Images from video recorder can be viewed via a remote PC or 3G mobile device via the internet.
- Cameras suitable for both internal and external use.
- Day/night cameras provide clear colour images during the day and crisp infra red illuminated mono images at night.
- Image recording can be either be motion triggered or continuous running.
- Recordings can be easily transferred using the supplied USB stick.

Digital CCTV Kits



NLDVRKIT4I

The Newlec digital CCTV kits contain everything you need to install either a four or eight channel networkable CCTV system. Kits include:

- 1 x 4 or 8 channel networkable DVR.
- 1 x 500GB western digital hard drive (1Tb hard drive with NLDVRKIT8I).
- 4 x IRCAM40P day/night external cameras.
- 4 x 20M shotgun cables (cameras - DVR).
- 1 x 5 way power supply (cameras - DVR).
- 1 x Wi-fi networking USB adaptor (dongle).
- 1 x USB mouse.
- 1 x Instruction manual.
- 1 x 2gB USB stick.
- 1 x remote control.
- 1 x 4 way power supply for additional cameras (NLDVRKIT8I only).

Order Code	Model No.	Description	Price - Each 1 off
1052051481	NLDVRKIT4I	4 Channel Networkable CCTV System	£553.88
1052051482	NLDVRKIT8I	8 Channel Networkable CCTV System	£690.04

External Day/Night Camera



NLCAM40

- 3.6mm fixed lens.
- Day / night CCTV camera c/w 15M cable.
- Up to 8M Infra Red illumination.
- 12V DC 300mA (IR-on).
- Weatherproof IP65 rating.

1 YR

Order Code	Model No.	Description	Price - Each 1 off
1050378466	NLCAM40	External Day/Night Camera	£71.55

External Day/Night Camera



NLCAM200

- 6mm fixed lens.
- Up to 15M Infra Red illumination.
- 12V DC 350mA (IR-on).
- Weatherproof IP66 rating.

1 YR

Order Code	Model No.	Description	Price - Each 1 off
1051040112	NLCAM200	420 TVL Standard Camera	£104.20

CCTV - Cables



NLCAB20

- Power and BNC video cables for use with Newlec digital CCTV equipment.
- Available in 20, 40 and 80M lengths.

1 YR

Order Code	Model No.	Description	Price - Each 1 off
1050344075	NLCAB20	20M Cable	£16.62
1050344076	NLCAB40	40M Cable	£32.05
1050344077	NLCAB80	80M Cable	£62.91

Additional accessories available on request, including a wide range of cameras, warning signs and camera power supply units. Please ask for details.

Door Entry Kit - One Way Audio

Order Code	Model No.	Description	Price - Each 1 off
1000009547	NLAK1W	Surface Mounted One Way Audio Door Entry Kit	£92.58

- Volume control for audio.
- Can be fitted with lock release either, NLLRR1 (Rim) or NLLRM1 (Mortice).
- 3 additional phones can be added (NLAKPHONE).

CE 1 YR



NLAK1W

Door Entry Kit - One Way Audio And Codelock

Order Code	Model No.	Description	Price - Each 1 off
1050151473	NLAK1WCODE	Surface Mounted One Way Audio and Codelock Door Entry Kit	£233.20

- Anodised aluminium 1 button entrance panel with keypad (IP45).
- Keypad has 100 code facility.
- Volume control for audio.
- Can be fitted with lock release either, NLLRR1 (Rim) or NLLRM1 (Mortice).
- 3 additional phones can be added. (NLAKPHONE).

CE 1 YR



NLAK1WCODE

Door Entry - Additional Handset

Order Code	Model No.	Price - Each 1 off
1000009117	NLAKPHONE	£17.50

- For use with Newlec audio door entry kits.
- Manufactured in textured high impact ABS.
- Clear call tone.

CE 1 YR



NLAKPHONE

Video Door Entry Kits - One Way

Order Code	Model No.	Description	Price - Each 1 off
1052051495	NLEV5C	Colour Video Door Entry Kit	£288.48

- Provides crisp, colour images and clear sound via 4" high resolution monitor.
- Weatherproof and vandal resistant camera.
- Bright white LED illumination from the camera aids identification in darkness.
- Door release activation button.
- Extra power supply NLLRPSU required when using any system with an electronic lock.



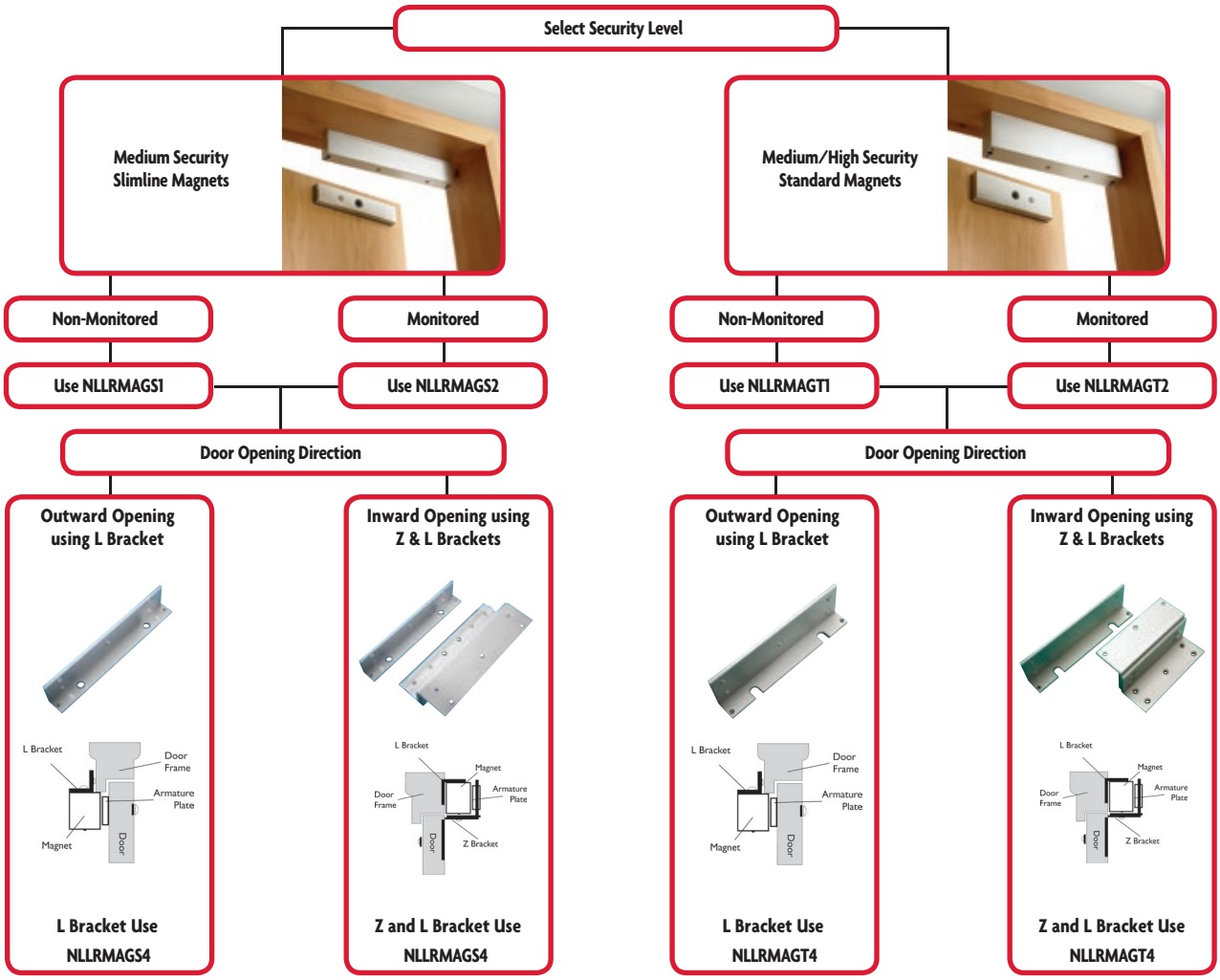
NLEV5C

Electro Magnetic Locks

Electro magnetic locks offer the ideal solution to secure a door. They can be used in conjunction with an audio door entry system (NLAK range) or an electronic access control system (NLLRK range).

- Suitable for timber and aluminium single leaf doors.
- Push off button situated on armature plate for instant release.
- Monitored and un-monitored versions available.
  - Monitored - detects if door is open or closed as part of a wider security system.
  - Un-monitored - does not detect if door is opened or closed.
- Dual voltage - 12 or 24V DC.
- Current draw - 12V DC 500mA, 24V DC 250mA.

Single Leaf Doors



Medium Security Slimline Magnets

Order Code	Model No.	Description	Price - Each 1 off
1050151474	NLLRMAGS1	Slimline Magnet	£42.34
1050151475	NLLRMAGS2	Slimline Magnet Monitored	£48.25
1050151477	NLLRMAGS4	Slimline Magnet Z & L Bracket	£22.91

Medium/High Security Standard Magnets

Order Code	Model No.	Description	Price - Each 1 off
1050151478	NLLRMAGT1	Standard Magnet	£53.22
1050151479	NLLRMAGT2	Standard Magnet Monitored	£62.91
1050151481	NLLRMAGT4	Standard Magnet Z & L Bracket	£22.91

Double leaf door electro magnetic available through branch network

Power Supply Unit



NLLRPSU

- Suitable for all access control products.
- 12V DC.
- Battery back-up connection.
- Regulated outputs 1, 2 & 3 Amp.

Order Code	Model No.	Description	Price - Each 1 off
1000009561	NLLRPSU	12V DC 1 Amp PSU	£35.15
1052051422	NL11620	12V DC 2 Amp PSU	£65.08

Gate Electro Magnetic Lock

- Ideal for vehicle and pedestrian gates.
- Surface mounted and simple to install.
- Suitable for external use.
- Up to 1200lbs holding force.
- Reed switch monitoring.
- Weatherproof.

Order Code	Model No.	Description	Dimensions H x W x D (mm)	Price - Each 1 off
1052051414	NL11612	Gate Magnet	222 x 63 x 40	£87.92
1052051415	NL11613	Z Fixing Bracket	Adjustable	£17.35



NL11612

12V Electric Lock Releases

The new range of electric lock releases from Newlec come with both rim and mortice faceplates to suit virtually any application and are ideal for low to medium traffic areas.

- Fail locked and fail unlocked.
- Rim releases suitable for rim nightlatches.
- Jaw strengths up to 880lbs.
- Operating voltage 12V.
- Suits latches with 12mm maximum throw.

Order Code	Model No.	Description	Price - Each 1 off
1051058525	NLELR2	Fail Locked Release 12V DC	£18.53
1051058526	NLELR3	Fail Unlocked Release 12V DC	£24.07



Request To Exit Buttons



NLLRBV



NLLRBSBV



NLLRBGBV



NLLRBPGB

Order Code	Model No.	Description	Dimensions H x W x D (mm)	Price - Each 1 off
1000009583	NLLRBV	Flush Stainless Steel Exit Button	85 x 85 x 30	£12.58
1050362746	NLLRBGBV	Flush Stainless Green Dome Exit Button	85 x 85 x 30	£28.93
1050362748	NLLRBSBV	Surface Mount Single Gang Exit Button	85 x 85 x 30	£11.26
1051011301	NLLRBPGB	Surface Mount Green Dome Exit Button	85 x 85 x 30	£10.82

- Stainless steel and plastic options.
- Normally open and closed contacts.
- Flush or surface mounted.
- Will fit into single gang back box.

Resettable Call Points

- Easy to install.
- Recommended when installing an electro magnetic lock.
- Single and double call points available.

Order Code	Model No.	Description	Price - Each 1 off
1000009560	NLLRBE	Resettable Call Point - Single Pole	£13.76
1050362749	NLLRBEDP	Resettable Call Point - Double Pole	£15.81



NLLRBE



NLLRBEDP

IP68 Rated Keypad



NLKP

The new Newlec keypad is heavy duty, vandal resistant and completely waterproof making it suitable for any application.

- Pin access control and/or proximity reader when used with NLCARDS (sold separately).
- 4-8 digit pin code length.
- IP68 rated for total protection against dust and water ingress.
- Back-lit keys for easy visibility in low lit areas.
- Strong zinc alloy electroplated case for protection against vandalism.

Order Code	Model No.	Description	Price - Each 1 off
1051058527	NLKP	Pin Access and/or Proximity Keypad	£100.82
1051058528	NLCARDS	Access Cards for Proximity Keypad	£17.87

Access Control Kits



NLACKIT1

Contents for Electro-magnetic lock kit:

- NLLRPSU - 12V DC 1 Amp Power Supply Unit.
- NLKP - Pin access and/or proximity keypad.
- NLLRMAGS1 - Slimline electro magnet.
- NLLRBSBV - Surface mount single gang exit button.
- NLLRBE - Resettable call point - single pole.

Electro-magnetic lock is suitable for outward opening doors - use bracket NLLRMAGS4 for inward opening doors.

Order Code	Model No.	Description	Price - Each 1 off
1051058529	NLACKIT1	Electro-Magnetic Lock Kit	£227.86
1051058528	NLCARDS	Access Cards for Proximity Keypad	£17.87

VDE TOOLS
SEE PAGES 278 - 281
Get tooled up with our VDE range



Wireguards

A wide range of specialist purpose built welded wireguards to protect any kind of equipment from damage caused by vandalism, interference or accidents.

- Easy to fit.
- Choice of finish, electro galvanised to BS 1706 ZN3 or white powder coated.
- Other sizes available on request, any size, any style - contact local branch and quote overall dimensions of guard required, allowing approximately 1" clearance around the component, finish required (galvanised or white powder coated), quantity and application.



NLWG3



NLWG15



NLWG12

1 YR

Order Code	Model No.	Finish	Dimensions (inches)	Price - Each 1 off
External Security Lighting Guards				
1050151388	NLWG1	Galvanised	12 x 10 x 14	£46.38
External Bulkhead Guard				
1050151390	NLWG3	Galvanised	14 x 6 x 5	£41.63
Bell Box Guard				
1050151391	NLWG4	Galvanised	10 x 16 x 5	£36.85
PIR Guards				
1050151537	NLWG24	Galvanised	6 x 5 x 6 deep	£27.84
Camera Guards				
1050151536	NLWG23	Galvanised	14 x 14 x 16 deep	£66.62
1050151437	NLWG22	Galvanised	7 x 6 x 8	£30.95
Discharge Fitting Guards				
1050150542	NLWG15	Galvanised	14 x 14 x 16	£66.62
1050150543	NLWG16	Galvanised	18 x 18 x 18	£141.77
Smoke Detector Guard				
1050150545	NLWG18	Galvanised	7 x 7 x 4	£30.95
Convector Heater Guards				
1050151539	NLWG26	White Powder Coated	22 x 36 x 8 Open Bottom	£140.35

Order Code	Model No.	Size	Finish	Dimensions (inches)	Price - Each 1 off
Fluorescent Batten Fitting Guards					
1050151396	NLWG9	4	Galvanised Finish	49 x 6 x 5	£60.21
1050151398	NLWG11	5	Galvanised Finish	61 x 6 x 5	£71.13
1050151400	NLWG13	6	Galvanised Finish	73 x 6 x 5	£80.18
Tubular Heater Guards					
1050150546	NLWG19	2	Galvanised Finish	29 x 6 x 6	£58.07
1050150547	NLWG20	4	Galvanised Finish	53 x 6 x 6	£89.23
1050150548	NLWG21	6	Galvanised Finish	74 x 6 x 6	£116.58

PLUG INTO A GREAT OPPORTUNITY WITH NEWLEC

Demand for electric vehicles is forecast to double in 2016, increasing demand for EV charging points in domestic, commercial and public infrastructure. The Newlec range is compatible with all the leading manufacturers' electric vehicles, charges both J1772 and IEC62196 connections, and includes a range of accessories.

- Charging capability for both J1772 (American and Asian) and IEC62196 (European) connections
- Wall mounted and pedestal options with Free To Charge and Pay As You Go (PAYG) solutions
- Portable EV Charge Testers, Parking Signs, Parking Barriers and other support products available

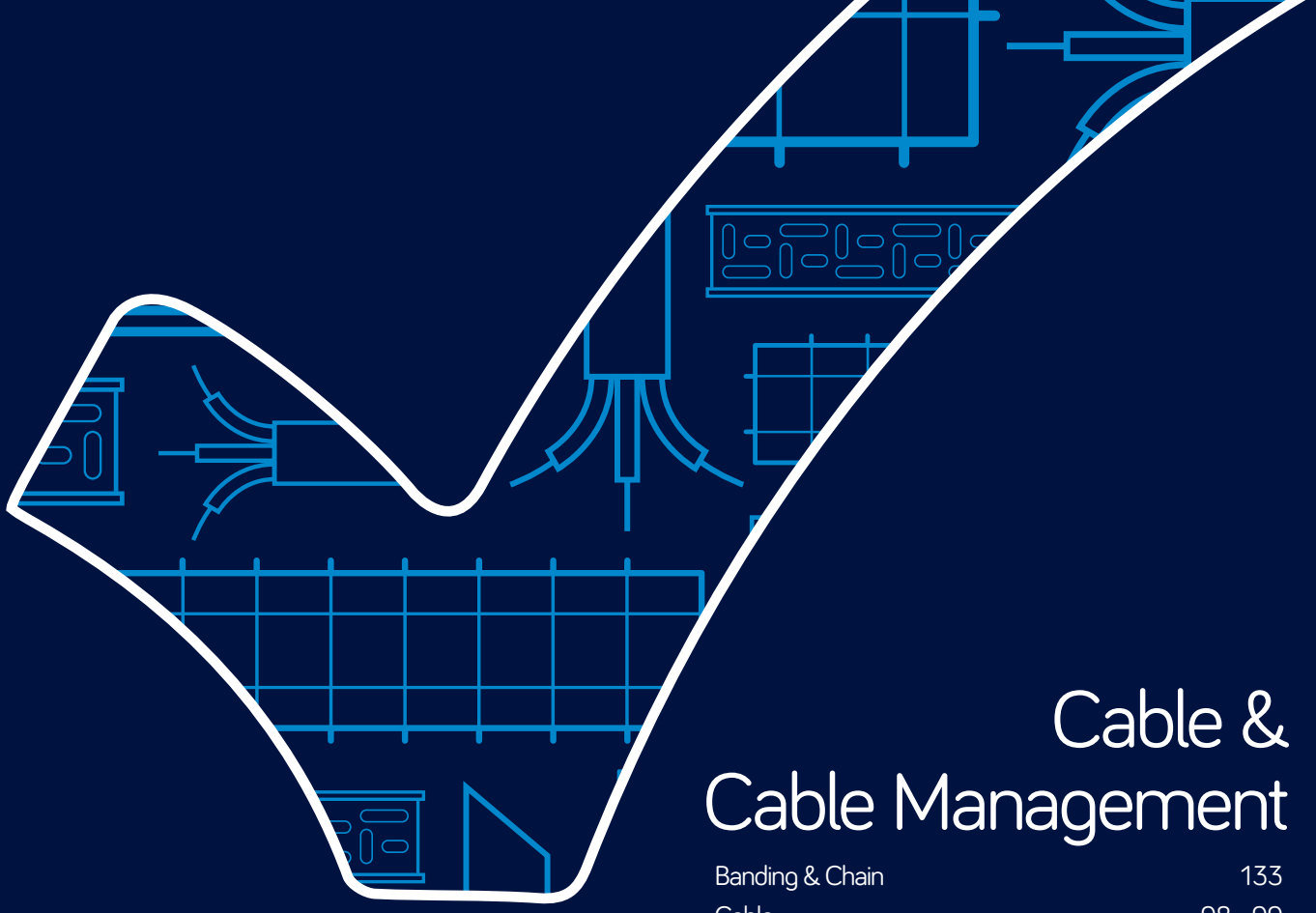




TICKS THE BOX EVERY TIME

Exclusive electrical products for professionals

Newlec®



Cable & Cable Management

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Cable - SWA LSH

NL6943LSH2.5/25



NL6943LSH1.5/25

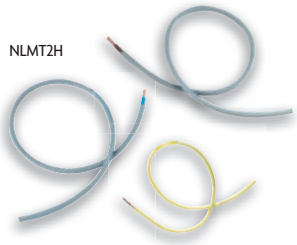
- The quick and easy way to purchase SWA cable.
- Easy to handle pre-cut lengths.
- XLPE insulated XLPE/LSH sheathed armoured cables.
- Complies with BS 6724.
- BASEC approved.

For glands see page 102-105
For joints see page 103
For joint boxes see page 101
For cable cutting tools see page 280

Order Code	Model No.	Cores	Size (mm²)	Coil/Drum Length (M)	Price - Each 1 off
1050378945	NL6943LSH1.5/25	3	1.5	25	POA
1050378946	NL6943LSH1.5/50	3	1.5	50	POA
1050378947	NL6943LSH2.5/25	3	2.5	25	POA
1050378948	NL6943LSH2.5/50	3	2.5	50	POA
1050378949	NL6943LSH4.0/25	3	4.0	25	POA
1050378950	NL6943LSH4.0/50	3	4.0	50	POA
1050378951	NL6943LSH6.0/25	3	6.0	25	POA
1050378952	NL6943LSH6.0/50	3	6.0	50	POA
1050378953	NL6944LSH1.5/25	4	1.5	25	POA
1050378954	NL6944LSH1.5/50	4	1.5	50	POA
1050378955	NL6944LSH2.5/25	4	2.5	25	POA
1050378956	NL6944LSH2.5/50	4	2.5	50	POA

Cable - Meter Tails

NLMT2H



- Each kit comprises:
- 2M of 6181Y 25mm² grey/brown.
- 2M of 6181Y 25mm² grey/blue.
- 2M of 6491X 16mm² green/yellow.
- 6181Y to BS 6004.
- 6491X to BS EN50525-2-31.
- BASEC approved.

Order Code	Model No.	Price - Each 1 off
1050285923	NLMT2H	POA

Cable - 6181Y Pre-cut Lengths

NL6181YH25G/BRN/5 NL6181YH25G/BLU/5



NL6491X16G/Y/5

- Off the shelf.
- Easy to handle.
- No waiting for the cable to be cut.
- 6181Y to BS 6004.
- 6491X to BS EN50525-2-31.
- BASEC approved.

Order Code	Model No.	Type	Size (mm²)	Colour	Length (M)	Price - Each 1 off
1050285930	NL6181YH16G/BLU/5	6181YH	16	Grey/Blue	5	POA
1050285926	NL6181YH16G/BRN/5	6181YH	16	Grey/Brown	5	POA
1050285938	NL6181YH25G/BLU/5	6181YH	25	Grey/Blue	5	POA
1050285934	NL6181YH25G/BRN/5	6181YH	25	Grey/Brown	5	POA
1050378958	NL6181YH35G/BLU/5	6181YH	35	Grey/Blue	5	POA
1050378957	NL6181YH35G/BRN/5	6181YH	35	Grey/Brown	5	POA
1050155359	NL6491X16G/Y/5	6491X	16	Green/Yellow	5	POA

Cable - Arctic Grade

NLARCTIC1.5BLUN



NLARCTIC1.5YELN



- 1.5 or 2.5mm² 3 core round.
- Temperature range -40 to +70°C.
- Available in blue and yellow.
- Manufactured to BS 6004.
- 100M coil.

NB. Always check the temperature range when purchasing coloured flex, as many are not suitable for use below -15°C.

For weatherproof connectors see page 101
For industrial plugs & sockets see page 194-197

Order Code	Model No.	Conductor Size (mm²)	Colour	Price - Each 1 off
1050154625	NLARCTIC1.5BLUN	1.5	Blue	POA
1050154627	NLARCTIC2.5BLUN	2.5	Blue	POA
1050154626	NLARCTIC1.5YELN	1.5	Yellow	POA
1050154628	NLARCTIC2.5YELN	2.5	Yellow	POA

Cable Carrier

NLCCARRIER



- Robust steel construction.
- Fold flat for easy storage.
- Anti-slip rubber feet.
- Holds multiple reels.
- Light to carry.

Order Code	Model No.	Description	Dimensions W x H x D (mm)	Price - Each 1 off
1051091195	NLCCARRIER	Multiple Cable Reel Carrier/Dispenser	750 x 290 x 360	£32.00

NB. Excludes Cable

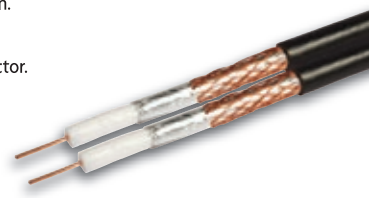
Cable - RG6 Shotgun Satellite Coaxial Cable

Order Code	Model No.	Colour	Price - Each 1 off
1051031836	NLSATSHOTGUNBLK	Black	POA

For satellite cable clips see page 204

- Twin satellite cables enable faster installation.
- Easy to handle and transport.
- 1mm nominal CCS (copper clad steel) conductor.
- 64 x 0.12mm CCS braiding.
- 125M drum.

CE 1 YR



Cable - RG6 Satellite Coaxial Cables

Order Code	Model No.	Colour	Price - Each 1 off
1000008738	NLSATBLK	Black	POA
1051016637	NLSATWHT	White	POA
1050392657	NLSATBRN	Brown	POA

For satellite cable clips see page 204

For connectors see page 203

- 75Ω impedance.
- 1mm CCS conductor with 17% conductivity.
- 64 x 0.12mm CCS braiding.
- Aluminium foil.
- 4.7mm gas injected foam.
- Primary PVC sheathing, available in black, white or brown.
- 100M drum.

CE 1 YR

NLSATWHT



Cable - Satellite - CAI Approved

Order Code	Model No.	Colour	Price - Each 1 off
1050392658	NLSAT100A	Black	POA

For satellite cable clips see page 204

- Fully CAI approved satellite cable.
- 1mm bare copper inner conductor.
- Tinned copper wire braiding.
- Aluminium foil.
- Foam injected.
- Primary PVC sheathing in black.
- 100M drum.

CE 1 YR

NLSAT100A



cai Cable Benchmark

Cable - Telephone

Order Code	Model No.	No. Pairs	Price - Each 1 off
1000008727	NLTEL2N	2	POA
1000008728	NLTEL3N	3	POA
1000008729	NLTEL4N	4	POA

- Complies with BT specification CW1308.
- Copper conductor.
- White PVC sheath.
- 0.4mm nominal conductor diameter.
- 100M drum.

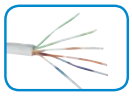
CE 1 YR

NLTEL2N

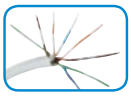




2 pair
Blue-white, white-blue, orange-white, white-orange.



3 pair
Blue-white, white-blue, orange-white, white-orange, green-white, white-green.



4 pair
White-blue, blue-white, white-orange, orange-white, white-green, green-white, white-brown, brown-white.

Cable - Bellwire

Order Code	Model No.	Price - Each 1 off
1000008726	NLBELLWIREN	POA

- Copper conductor.
- Figure 8 construction.
- One side ribbed for easy polarity identification.
- 2 x 0.4mm nominal conductor diameter.
- 50V DC maximum rating.
- 100M drum.

CE 1 YR

NLBELLWIREN

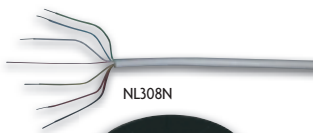


Cable - Alarm

Order Code	Model No.	No. Cores	Price - Each 1 off
1000008722	NL308N	4	POA
1000008723	NL309N	6	POA
1000008724	NL329N	8	POA

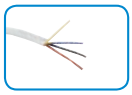
1 YR

- Meets BS 4737-3.30:2015 Type 2 PVC standards.
- Conductors formed with 7 strands of pure copper.
- Minimum band radius 6 x diameter.
- Maximum voltage 50V.
- With strong, usable red nylon rip cord.
- Stranded, tinned pure copper, less than 100 Ohms per KM.
- Provides long cable runs and increased flexibility.
- Fully manufactured in Great Britain.
- 100M coil on robust weather/water resistant reels.

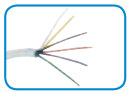


NL308N

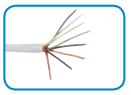




4 core
Red, blue, yellow, black.



6 core
Red, blue, yellow, black, white, green.



8 core
Red, blue, yellow, black, white, green, orange, brown.

Cable Cleats - Heavy Duty



- Heavy duty.
- Low density polyolefin.
- Stable at temperatures -35 to +85°C.
- High strength.

CE

1 YR

Order Code	Model No.	Cable Diameter (mm)	Pack Qty	Price - Pack 1 off
1000008150	NLCC5	12.7	50	£6.36
1000008151	NLCC6	15.2	50	£10.70
1000008152	NLCC7	17.8	50	£11.42
1000008153	NLCC8	20.3	50	£13.07
1000008154	NLCC9	22.8	50	£13.95
1000008155	NLCC10	25.4	50	£14.11
1000008409	NLCC11	27.7	20	£9.59
1000008156	NLCC12	30.4	20	£9.82
1000008157	NLCC14	35.6	20	£12.90
1000008158	NLCC16	40.6	20	£14.84

For selection chart see Technical Section page 310

Cable Cleats - Telecleats



- For use with 1kV PVC armoured cable to BS 5467.
- Manufactured in black polythene.

CE

3 YR

Order Code	Model No.	Cable Diameter (mm)	Pack Qty	Price - Pack 1 off
1000015829	NL38501	10.5 - 14.5	25	£4.35
1000015830	NL38502	12.2 - 16.7	25	£7.32
1000015831	NL38503	14.6 - 19.8	25	£7.86
1000015832	NL38504	17.7 - 24.0	25	£8.23
1000015833	NL38505	21.7 - 28.5	10	£4.01
1000015834	NL38506	26.2 - 34.2	10	£7.54
1000015835	NL38507	31.9 - 14.6	10	£8.69
1000015836	NL38508	39.3 - 51.1	10	£11.42

For selection chart see Technical Section page 310

For cable clips see page 204

NEW

THE MOBILE CALIBRATION LAB THAT COMES DIRECT TO YOU

SEE PAGE 271



Same day testing & certification

All types of test equipment calibrated

Keeping your test equipment where you need it –with you!

Junction Box - SWA

Order Code	Model No.	Price - Each 1 off
1051043279	NLJB68	£30.75

- General purpose joint box suitable for all surface industrial applications.
- 1, 2, 3 or 4 way, 20mm entries.
- Dust and waterproof to IP66/68 when used with approved glands.
- Mounting studs provided for DIN rail terminals.
- Internal earth continuity ring to earth gland entries.
- 4 blanking plugs provided.
- Screw on lid providing ease of installation.
- Made from impact, corrosion and UV resistant GRP.
- Operating temperature -30°C to + 130°C.

For insulating gel see page 167



NLJB68

Waterproof Plug & Socket Connectors

Order Code	Model No.	Cable Diameter Range	Price - Each 1 off
1051042706	NLWPC1	5 -9mm	£12.99
1051042707	NLWPC2	8 - 13mm	£16.82

- 3 pole 16A, 250V AC/DC connector.
- IP68 - 2 bar (20M depth) 30 minutes.
- Wide cable capacity up to 4mm².
- Quick-release latch collar mechanism to open.
- Current rating: 16A (max) rated on 2.5mm² cable, 10A rated on 1.5mm² cable.
- Temperature range -25°C to +80°C.
- IEC 61984 approved.



NLWPC1

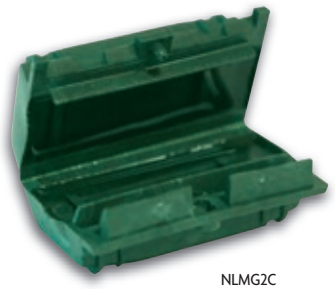
Gel Connector Covers

Order Code	Model No.	Colour	No. of Poles	Price - Each 1 off
1050392918	NLMG2C	Green	2	£4.65
1050392919	NLMG3C	Green	3	£6.00

- Re-enterable and re-usable submersible protection for strip connectors - up to 2 pole 10amp (5 amp recommended) for NLMG2C and 3 pole 15amp for NLMG3C.
- Fully submersible to significant depths in accordance to EN 50393.
- No shelf life and non toxic.

APPROVALS

- EN 50393 and CEI 20-33 (note with testing under water head and water between the cable cores).
- In class 2 according to standard CEI 64-8.



NLMG2C



NLMG3C

Other gel products available see page 167

Cable Gland Kits - LSF



BW Gland



CW Gland

The materials utilised in these kits are noted for the absence of smoke generating constituents, particularly halogens (fluorine, bromine and chlorine) thus avoiding the hazards of highly irritant and noxious fumes emitted by standard materials such as PCP and PVC when exposed to flame.

- LSF (Zero Halogen) cable gland kits for both dry and wet environments.
- Kit includes:
  - LSF gland.
  - LSF shroud.
  - Brass locknut & earth tag.
- LUL approval to EN 42-A2 1996.
- Tested to EN50267-2-1.

1 YR

For selection chart see Technical Section page 310

Order Code	Model No.	Size	Cable Diameter (mm) Inner – Max	Cable Diameter (mm) Outer – Max	Kit Qty	Price - Kit 1 off
Indoor - BW - 2 Piece						
1050152469	NL20SBWLSFN	20S	11.7	16.1	2	£13.34
1050152470	NL20BWLSFN	20	14	21.1	2	£15.50
1050152471	NL25BWLSFN	25	20	27.4	2	£21.21
1050152472	NL32BWLSFN	32	26.3	34.4	2	£37.30
1050152473	NL40BWLSFN	40	32.2	42.4	1	£43.05
1050152474	NL50BWLSFN	50	44.1	55.7	1	£60.08
1050152475	NL63BWLSFN	63	56	68.2	1	£104.28

Order Code	Model No.	Size	Cable Diameter (mm) Inner – Max	Cable Diameter (mm) Outer – Max	Kit Qty	Price - Kit 1 off
Outdoor - CW - 3 Piece						
1050152477	NL20SCWLSFN	20S	11.7	9.5 - 15.9	2	£26.87
1050152479	NL20CWLSFN	20	14	12.5 - 20.9	2	£34.54
1050152480	NL25CWLSFN	25	20	18.2 - 26.2	2	£47.40
1050152481	NL32CWLSFN	32	26.3	23.7 - 33.9	1	£30.78
1050152482	NL40CWLSFN	40	32.2	27.9 - 40.4	1	£53.58
1050152483	NL50CWLSFN	50	44.1	40.4 - 53.1	1	£93.81

Cable Gland Kits - Industrial CXT



NL20CXTN

- Brass indoor and outdoor cable gland for all types of flexible wire braid cable (CY/SY) where it is essential to produce an IP66 environmental seal on the cable outer sheath and internal mechanical retention of wire braid for electrical continuity.
- Kit contents:
  - 2 x CXT glands.
  - 4 x Brass washers.
  - 2 x Steel locknuts.
  - 2 x Shroud.
- Tested to BS 6221 pt.1:1989.

3 YR

Order Code	Model No.	Size	Cable Diameter (mm) Min	Cable Diameter (mm) Max	Kit Qty	Price - Kit 1 off
1050152330	NL20SCXTN	20S	6.1	11.7	2	£24.95
1050152331	NL20CXTN	20	6.5	14	2	£31.50
1050152332	NL25CXTN	25	11.1	20	2	£38.04

Cable Gland Earthing Nut



NLENS20



NLENS32

- 60% faster installation time.
- Eliminates drilling for earth bolts.
- Enclosure IP rating not compromised.
- No earth bolts required as all parts are supplied.
- Designed to resist vibration.
- Eliminates the need for surface preparation - paint scraping etc.
- Enables GRP or plastic enclosures to be used where this would normally be avoided due to cable earthing requirements.
- Pack of 2.

1 YR

Order Code	Model No.	Size (mm)	Price - Pack 1 off
1051014935	NLENS20	20	£4.97
1051014936	NLENS25	25	£8.89
1051014937	NLENS32	32	£13.98

Cable Gland Kits - Indoor and Outdoor

Order Code	Model No.	Size	Cable Diameter (mm) Inner – Max	Cable Diameter (mm) Outer – Max	Kit Qty	Price - Kit 1 off
Indoor - BW - 2 piece						
1050152446	NL20SBWN	20S	11.7	16.1	2	£7.22
1050152447	NL20BWN	20	14	21.1	2	£9.09
1050152448	NL25BWN	25	20	27.4	2	£14.62
1050152449	NL32BWN	32	26.3	34.4	2	£23.96
1050152450	NL40BWN	40	32.2	42.4	1	£25.82
1051011559	NL50SBWN	50	38.2	50.1	1	£48.67
1050152451	NL50BWN	50	44.1	55.7	1	£50.22
1050152452	NL63BWN	63	56	68.2	1	£78.55

Order Code	Model No.	Size	Cable Diameter (mm) Inner – Max	Cable Diameter (mm) Outer – Max	Kit Qty	Price - Kit 1 off
Outdoor - CW - 3 piece						
1050152454	NL20SCWN	20S	11.7	9.5 - 15.9	2	£19.43
1050152455	NL20SSCWN	20/16	8.7	6.1 - 13.2	2	£19.96
1050152456	NL20CWN	20	14	12.5 - 20.9	2	£23.17
1050152457	NL25CWN	25	20	18.2 - 26.2	2	£33.10
1050152458	NL32CWN	32	26.3	23.7 - 33.9	1	£34.31
1050152459	NL40CWN	40	32.2	27.9 - 40.4	1	£49.97
1051011560	NL50SCWN	50	38.2	35.2 - 46.7	1	£74.40
1050152460	NL50CWN	50	44.1	40.4 - 53.1	1	£78.88
1050152461	NL63CWN	63	56	54.6 - 65.9	1	£110.77

- High quality brass indoor or outdoor glands

Kit includes:
- Brass gland.
- Steel locknut.
- Brass earth tag.
- PVC shroud.

- For use with all types of SWA cable (outdoor providing environmental seal on the cable outer sheath).
- Provides mechanical cable retention and electrical continuity via armour wire termination.
- Tested to BS 6121 pt.1:1989.
- Produced strictly under ISO 9001 controls.
- CW glands conform to BSEN 50262.
- CE marked for compliance to low voltage directive 72/73/EEC.

1 YR

For selection chart see Technical Section page 310

BW Gland



CW Gland



Cable Joint Kits - Resin

Order Code	Model No.	Type	For Cables	Price - Kit 1 off
1051015255	NLISCJ0	Straight	1.5mm² - 6mm²	£25.31
1051015256	NLISCJ1	Straight	10mm² - 16mm²	£42.41
1051015257	NLUSCJ2	Straight	25mm²	£77.06
1051015258	NLUSCJ3	Straight	35mm² - 95mm²	£120.77
1051015259	NLUSCJ4	Straight	120mm²	£266.02
1051015260	NLUSCJ5	Straight	150mm² - 185mm²	£440.65
1051049758	NLUBCJ00	Branch	1.5mm² - 6mm²	£39.86
1051015262	NLUBCJ1	Branch	10mm² - 16mm²	£86.31

- Resin filled 600/1,000V cable joint kits for 2, 3 and 4 core cable complying with EN50393:2006.

Kit includes:
- Mechanical connectors to give strong, guaranteed connection - no more crimping.
- Easy-click rigid shell gives superior seal and prevents resin leaks.
- High quality earth braiding.
- Full installation kit and instructions included.
- Two-part, easy mix, easy flow resin with excellent adhesion to XLPE and PVC cables.
- Protective gloves.

1 YR

For selection chart see Technical Section page 310

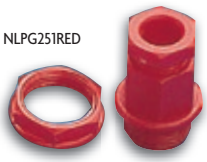
NLISCJ2



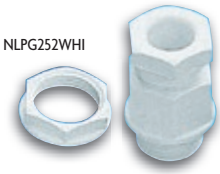
NLUBCJ00



Cable Gland - Nylon


NLPG251RED


NLPG252BLK


NLPG252WHI

- For use with unarmoured cables.
- Nylon 6.6 material with nitrile rubber bushes.
- Temperature range -20°C to +100°C.
- Complete with locknuts.
- Suitable for 20mm knockouts.
- Pack of 10.

1 YR

Order Code	Model No.	Size	Colour	Cable Diameter (mm)	Price - Pack 1 off
1050153125	NLPG249BLK	20mm XS	Black	4-7	£10.92
1000009331	NLPG251BLK	20mm S	Black	7-10.5	£10.82
1000009332	NLPG251WHI	20mm S	White	7-10.5	£10.81
1000009333	NLPG251RED	20mm S	Red	7-10.5	£10.81
1050151109	NLPG252BLK	20mm L	Black	8-13	£10.92
1000009334	NLPG252WHI	20mm L	White	8-13	£10.92

Cable Gland - Dome Top


NLDTG20SGRY


NLDTG20SRED


NLDTG20SWHI


NLDTG20SBLK

- Nylon 6.6 material.
- Low Smoke and Zero Halogen (LSOH).
- Three piece construction allows for quick and easy application.
- Manufactured from high quality nylon and available in four colours.
- High mechanical strength and strain relief.
- Wide cable clamping range.
- Accepts non-circular cable.
- Glass reinforced locknuts for additional strength.
- IP68 at 5 bar.
- Temperature resistance -30°C to +80°C.
- VDE approved.
- Suitable for 20mm knockouts.
- Pack of 10.

CE

1 YR

Order Code	Model No.	Size	Colour	Cable Diameter (mm)	Price - Pack 1 off
1050151472	NLDTG20SBLK	20mm S	Black	6-12	£14.76
1050151465	NLDTG20SGRY	20mm S	Grey	6-12	£14.76
1050151466	NLDTG20SRED	20mm S	Red	6-12	£14.76
1050151467	NLDTG20SWHI	20mm S	White	6-12	£14.76
1050151468	NLDTG20LBLK	20mm L	Black	10-14	£17.63
1050151469	NLDTG20LWHI	20mm L	White	10-14	£17.63

Cable Glands - Fast Fit


NLPGF20


NLPGF2025R

- Time saving push and twist gland to fit in seconds.
- No locknut required.
- Fits wall thickness 0.5mm - 4mm.
- Tool required for removal.
- Supplied in grey polyamide 6 (PA6) and neoprene seal.
- IP68 rated (5 bar 30 mins) & IP66.
- Each removal tool pack contains 2 removal tools.

Order Code	Model No.	Gland Size (mm)	Cable Diameter (mm)	Pack Qty	Price - Pack 1 off
1051091268	NLPGF20	20	7 - 13	10	£25.30
1051091269	NLPGF25	25	11 - 17	5	£18.70
1051091270	NLPGF32	32	15 - 21	2	£13.75

Removal Tools

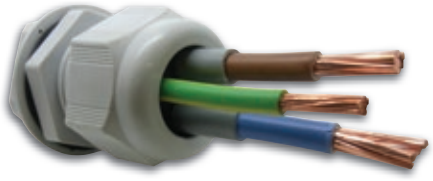
Order Code	Model No.	For Glands (mm)	Pack Qty	Price - Pack 1 off
1051091287	NLPGF2025R	1 x 20 & 1 x 25	2	£4.79
1051091288	NLPGF3240R	1 x 32 & 1 x 40	2	£9.57

Cable Glands - Consumer Unit

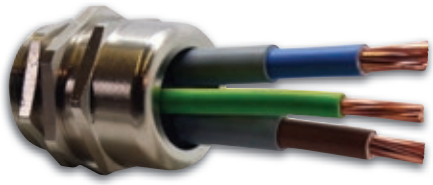
Order Code	Model No.	Gland Size	Cable Conductor Size mm²	Cable Seal Type	Price - Each 1 off
Polyamide					
1051091252	NLPGC3216TAIL	32	2 x 16 + 1 x 16	A - Tails	£6.60
1051091253	NLPGC4025TAIL	40	2 x 25 + 1 x 16	B - Tails	£10.89
1051091254	NLPGC2011TE	20	1 x 1-1.5	C - T & E	£1.98
1051091255	NLPGC2012TE	20	1 x 2.5-4	C - T & E	£1.98
1051091256	NLPGC2016TE	20	1 x 6	C - T & E	£1.98
1051091257	NLPGC2522TE	25	2 x 2.5	D - T & E	£3.47
1051091258	NLPGC32110TE	32	1 x 10	C - T & E	£6.60
1051091259	NLPGC40116TE	40	1 x 16	C - T & E	£7.87
Brass					
1051091260	NLMGC3216TAIL	32	2 x 16 + 1 x 16	A- Tails	£26.18
1051091261	NLMGC4025TAIL	40	2 x 25 + 1 x 16	B - Tails	£40.21
1051091262	NLMGC2011TE	20	1 x 1-1.5	C - T & E	£8.31
1051091263	NLMGC2012TE	20	1 x 2.5-4	C - T & E	£8.31
1051091264	NLMGC2016TE	20	1 x 6	C - T & E	£8.31
1051091265	NLMGC2522TE	25	2 x 2.5	D - T & E	£14.14
1051091266	NLMGC32110TE	32	1 x 10	C - T & E	£26.13
1051091267	NLMGC40116TE	40	1 x 16	C - T & E	£40.32

Adapter

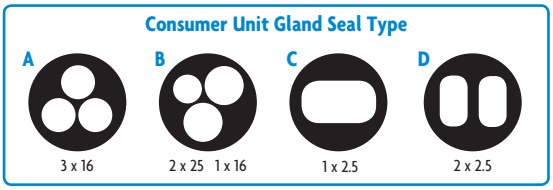
Order Code	Model No.	Size (mm)	Price - Each 1 off
1050484967	NLMG4032A	40 - 32	£17.93



NLPGC3216TAIL



NLMGC3216TAIL



Cable Glands - Consumer Unit Fastfit

- Suitable for 3rd amendment compliant consumer units.
- Includes all the benefits of fastfit gland.
- Unique inserts to suit supply tails and twin & earth (T&E) cables.
- Supplied in grey polyamide 6 (PA6) or brass with nickel plating and neoprene seal.
- IP68 rated (5 bar 30 mins) & IP66.

Order Code	Model No.	Gland Size	Cable Conductor Size mm²	Cable Seal Type	Price - Each 1 off
Polyamide					
1051091271	NLPGCF3216TAIL	32	2 x 16 + 1 x 16	A - Tails	£15.02
1051091272	NLPGCF4025TAIL	40	2 x 25 + 1 x 16	B - Tails	£20.30
1051091273	NLPGCF2011TE	20	1 x 1-1.5	C - T & E	£5.83
1051091274	NLPGCF2012TE	20	1 x 2.5-4	C - T & E	£5.83
1051091275	NLPGCF2016TE	20	1 x 6	C - T & E	£5.83
1051091276	NLPGCF2522TE	25	2 x 2.5	D - T & E	£6.49
1051091277	NLPGCF32110TE	32	1 x 10	C - T & E	£15.24
1051091278	NLPGCF40116TE	40	1 x 16	C - T & E	£18.43
Brass					
1051091279	NLMGCF3216TAIL	32	2 x 16 + 1 x 16	A - Tails	£50.88
1051091280	NLMGCF4025TAIL	40	2 x 25 + 1 x 16	B - Tails	£75.68
1051091281	NLMGCF2011TE	20	1 x 1-1.5	C - T & E	£20.35
1051091282	NLMGCF2012TE	20	1 x 2.5-4	C - T & E	£20.35
1051091283	NLMGCF2016TE	20	1 x 6	C - T & E	£20.35
1051091284	NLMGCF2522TE	25	2 x 2.5	D - T & E	£34.60
1051091285	NLMGCF32110TE	32	1 x 10	C - T & E	£50.55
1051091286	NLMGCF40116TE	40	1 x 16	C - T & E	£75.68

Removal Tools

Order Code	Model No.	For Glands (mm)	Pack Qty	Price - Pack 1 off
1051091287	NLPGF2025R	1 x 20 & 1 x 25	2	£4.79
1051091288	NLPGF3240R	1 x 32 & 1 x 40	2	£9.57

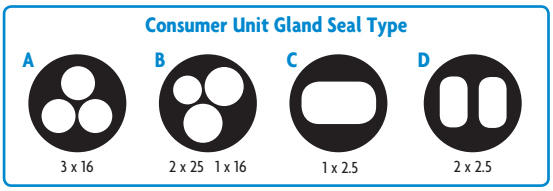
NB. Each removal tool pack contains 2 removal tools



NLPGCF2011TE



NLMGCF2011TE





NLPGF2025R

Terminals - Pre-Insulated



- Quality terminals manufactured from pure electrolytic copper for optimum electrical conductivity.
- Barrel internal surface is rifled to improve contact with conductor strands when crimped and terminal is annealed after final pressing.
- Funnel shaped PVC sleeve.
- UL listed.
- Good crimping practice is encouraged in accordance with the requirements of BS 7727 and BS 7609. The use of a matched system of crimping tools and connectors is recommended.

Colours/conductor size

Red 0.25-1.5mm² **Blue 1.5-2.5mm²** **Yellow 4-6mm²**

For crimping tools see page 109 or 306

For cable markers see page 228

Crimping Tool Kit



NLCKIT

- An extensive selection of the most popular terminals in a tough carrying case with the NLCT1 crimping tool.
- Kit contains:
  - 100 x Red Through Connector (NLRTC).
  - 50 x Blue Through Connector (NLBTC).
  - 25 x Yellow Through Connector (NLYTC).
  - 100 x Red M4 Ring Terminal (NLRR4).
  - 100 x Red M6 Ring Terminal (NLRR6).
  - 50 x Red Fork Terminal (NLRS3.5).
  - 100 x Blue M4 Ring Terminal (NLBR4).
  - 100 x Blue M6 Ring Terminal (NLBR6).
  - 50 x Blue Fork Terminal (NLBS4).
  - 25 x Yellow Fork Terminal.
  - 50 x Yellow M5 Ring Terminal (NLYR5).
  - 1 x Crimping Tool (NLCT1).

* Contents may change.

1 YR

Order Code	Model No.	Price - Kit 1 off
1000008466	NLCKIT	£142.30

Bullet



NLBRMT

- Pack of 100.

Order Code	Model No.	Type	Colour	Price - Pack 1 off
1050153182	NLBRFT	Female	Red	£50.12
1050153183	NLBRMT	Male	Red	£41.12

Pin



NLYP14

- Pack of 100.

Order Code	Model No.	Pin Length (mm)	Colour	Price - Pack 1 off
1000008417	NLRP10	10	Red	£22.90
1050153193	NLRP12	12	Red	£23.35
1000008424	NLBP10	10	Blue	£24.49
1050153181	NLBP12	12	Blue	£25.40
1050153166	NLYP14	14	Yellow	£38.84

Ring



NLRR5

- Pack of 100.

Order Code	Model No.	Stud Size Ø (mm)	Colour	Price - Pack 1 off
1000008436	NLRR4	4	Red	£22.56
1000008412	NLRR5	5	Red	£22.90
1000008413	NLRR6	6	Red	£25.40
1000008419	NLBR4	4	Blue	£23.92
1000008420	NLBR5	5	Blue	£23.92
1000008421	NLBR6	6	Blue	£25.52
1050153148	NLBR8.5	8	Blue	£29.39
1050153203	NLYR4.3	4	Yellow	£32.69
1000008426	NLYR5	5	Yellow	£39.64
1000008427	NLYR6	6	Yellow	£38.39
1000008428	NLYR8	8	Yellow	£39.53
1050153167	NLYR10.5	10	Yellow	£47.96

Piggyback



NLPBBT63508

- Pack of 100.

Order Code	Model No.	Size (mm)	Colour	Price - Pack 1 off
1050153188	NLPBBT63508	6.35 x 0.8	Blue	£38.62

Spade/Fork

Order Code	Model No.	Stud Size Ø (mm)	Colour	Price - Pack 1 off
1000008414	NLRS3.5	3.5	Red	£23.58
1000008415	NLRS4	4	Red	£22.90
1000008422	NLBS4	4	Blue	£24.38
1000008423	NLBS5	5	Blue	£24.38

- Pack of 100.


NLBS4

Blade

Order Code	Model No.	Length (mm)	Colour	Price - Pack 1 off
1050153184	NLBRT10	10	Red	£24.49
1000008418	NLRBL16	16	Red	£31.44
1050153185	NLBRT18	18	Red	£27.91
1050153173	NLBBT9	9	Blue	£25.40
1050153172	NLBBT18	18	Blue	£31.56

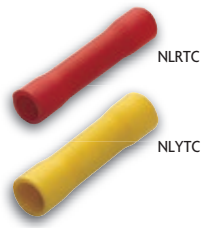
- Pack of 100.


NLBRT10

Through Connector

Order Code	Model No.	Colour	Price - Pack 1 off
1000008431	NLRTC	Red	£33.83
1000008432	NLBTC	Blue	£35.66
1000008437	NLYTC	Yellow	£48.87

- Pack of 100.


NLRTC

NLYTC

Push On

Order Code	Model No.	Size (mm)	Fully Insulated	Type	Colour	Price - Pack 1 off
1000008433	NLRPO6.3	6.3 x 0.8	-	Female	Red	£34.97
1050153208	NLPRFIT63508	6.35 x 0.8	✔	Female	Red	£48.53
1000008434	NLBPO6.3	6.3 x 0.8	-	Female	Blue	£39.30
1050153207	NLPBFIT63508	6.35 x 0.8	✔	Female	Blue	£46.93
1050153157	NLPYFT63508	6.35 x 0.8	-	Female	Yellow	£54.56
1050153191	NLPRMT63508	6.35 x 0.8	-	Male	Red	£37.48
1050153189	NLPBMT63508	6.35 x 0.8	-	Male	Blue	£37.48

- Pack of 100.


NLBPO6.3

NLPBMT63508

NLPYFT63508

NLPRMT63508

NLPRFIT63508

End Sleeves - Bootlace Single Entry

Order Code	Model No.	Colour	Cable Size (mm^2)	Pin Length (mm)	Pin Diameter (mm)	Pack Qty	Price - Pack 1 off
French Range							
1050153206	NLBFW814	White	0.5	8	1.4	500	£41.58
1050153174	NLBFB815	Blue	0.75	8	1.5	500	£41.58
1050153205	NLBFR818	Red	1	8	1.8	500	£41.58
1050153204	NLBFB820	Black	1.5	8	2	500	£41.58
1050153176	NLBFG826	Grey	2.5	8	2.6	500	£55.82
1050153144	NLBFO932	Orange	4	9	3.2	500	£86.00
1050153139	NLBFG1239	Green	6	12	3.9	100	£26.66
1050153138	NLBFB1249	Brown	10	12	4.9	100	£29.62
German Range							
1050153177	NLBFO814	Orange	0.5	8	1.4	500	£41.58
1050153179	NLBFW815	White	0.75	8	1.5	500	£41.58
1050153180	NLBFY818	Yellow	1	8	1.8	500	£41.58
1050153178	NLBFR820	Red	1.5	8	2	500	£41.58
1050153175	NLBFB826	Blue	2.5	8	2.6	500	£55.82
1050153141	NLBFG932	Grey	4	9	3.2	500	£86.00
1050153209	NLBFB1239	Black	6	12	3.9	100	£26.66

- Insulated end sleeves provide a neat end termination to multi-stranded wires, and are suitable for tri-rated cable.
- Reduce the possibility of wire strands short circuiting and ensures a positive connection when used with terminal blocks and captive terminals.
- Manufactured from bright tinned copper with polypropylene insulated sleeves.
- Available in either French or German colour codes.
- Manufactured to DIN 46228.

CE

Amendment 3 Compliant


NLBFB1249

NLBFR820

NLBFB826

NLBFY818

Terminals - Copper Tube



- Annealed after final pressing to guarantee ductility and electrolytically tin plated to avoid oxidation.
- Made from 99.9% pure electrical copper tube.
- Range from 10mm² - 120mm².
- Optimum strength against vibration and pull-out for complete reliability.
- Meets the requirements of BS EN 61238.
- UL listed.

Good crimping practice in encouraged in accordance with the requirements of BS 7727 and BS 7609. The use of a matched system of crimping tools & connectors is recommended.

CE

Lug



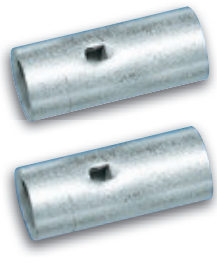
NL10C-8

For crimping tool NLCT2 for use with these copper terminals (10 - 16mm) see page 109

Contact your local branch for larger capacity terminals & tools

Order Code	Model No.	Cable Size (mm²)	Stud Size Ø (mm)	Pack Qty	Price - Pack 1 off
1000008209	NL10C-6	10	6	10	£9.06
1000008210	NL10C-8	10	8	10	£9.87
1000008211	NL10C-10	10	10	10	£9.87
1000008212	NL16C-6	16	6	10	£10.69
1000008213	NL16C-8	16	8	10	£11.95
1000008214	NL16C-10	16	10	10	£11.95
1000008215	NL25C-6	25	6	10	£13.57
1000008216	NL25C-8	25	8	10	£13.57
1000008217	NL25C-10	25	10	10	£13.37
1000008218	NL25C-12	25	12	10	£13.37
1000008219	NL35C-6	35	6	4	£8.36
1000008220	NL35C-8	35	8	4	£8.36
1000008221	NL35C-10	35	10	4	£8.71
1000008222	NL35C-12	35	12	4	£8.88
1000008223	NL50C-8	50	8	4	£10.45
1000008224	NL50C-10	50	10	4	£11.03
1000008225	NL50C-12	50	12	4	£11.38
1000008226	NL70C-8	70	8	4	£12.78
1000008227	NL70C-10	70	10	4	£13.20
1000008228	NL70C-12	70	12	4	£13.32
1000008229	NL95C-10	95	10	4	£20.41
1000008230	NL95C-12	95	12	4	£19.41
1000008231	NL95C-16	95	16	4	£21.22
1000008233	NL120C-12	120	12	4	£26.16
1000008232	NL120C-10	120	10	4	£23.81
1000008234	NL120C-16	120	16	4	£27.47

Through Connectors



NLTC10

For crimping tool NLCT2 for use with these copper terminals (10 - 16mm) see page 109

Contact your local branch for larger capacity terminals & tools

Order Code	Model No.	Cable Size (mm²)	Pack Qty	Price - Pack 1 off
1000008594	NLTC10	10	10	£7.61
1000008595	NLTC16	16	10	£9.68
1050150456	NLTC25	25	10	£14.02
1000008596	NLTC35	35	4	£8.29
1000008597	NLTC50	50	4	£10.66
1000008598	NLTC70	70	4	£12.93
1000008599	NLTC95	95	4	£18.36
1000008600	NLTC120	120	4	£25.47

Crimping Tool

Order Code	Model No.	Crimping Range (mm)	Crimp Type	Price - Each 1 off
Pre Insulated				
1000008435	NLCT1	0.25 - 6	Insulated	£70.67
Copper Tube				
1000015962	NLCT2	10 & 16	Uninsulated	£62.72
Bootlace				
1050152804	NLRF1	0.5 - 4	Bootlace	£87.17
1050152805	NLRF2	6 - 16	Bootlace	£87.17

- Manufactured specifically for use with Newlec terminals, these crimping tools will ensure a good quality compression joint.
- Good crimping practice in encouraged in accordance with the requirements of BS 7727 and BS 7609, the use of a matched system of crimping tools & connectors is recommended.
- Compact, lightweight and easy to use.
- Treated steel crimp jaws with high mechanical properties.
- Ratchet controlled to ensure precise and consistent crimping.
- Emergency release lever.
- Toggle action leverage to reduce operator effort.
- Automatic handle opening.
- NLCT1 for use with insulated terminals and connectors.
- NLCT2 for use with uninsulated terminals and connectors.
- NLRF1 and NLRF2 for use with bootlace ferrules.

CE

1 YR



NLCT1



NLCT2



NLRF1

For terminals & connectors see page 106-108

Please use order code 1050131060 with correct die for terminals up to 120mm.

Crimping Tool - Multifunction

Order Code	Model No.	Price - Each 1 off
1050152803	NLGPCT	£10.16

- Wire cutter size 0.75-6mm/18-10AWG.
- Bolt cutter M2.5-M5.
- For use with PVC insulated and uninsulated connectors (0.25-6mm).

1 YR



NLGPCT

NEW

TEST INSTRUMENT CALIBRATION SERVICE

SEE PAGE 270



Quick and easy service for all your calibration needs



Conduit - Galvanised Steel



NLCOND20MMGV



NLCOND25MMGV

- Hot dipped galvanised heavy gauge welded steel conduit.
- 20mm, 25mm and 32mm external diameters.
- Each 3.75M length is threaded at both ends.
- Complete with one solid coupling.
- Complies with BS EN61386 class 4.

1 YR

For galvanised spray paint see page 124

Order Code	Model No.	Size (mm)	Price - Length 1 off
1050324653	NLCOND20MMGV	20	POA
1050324654	NLCOND25MMGV	25	POA
1051115619	NLCOND32MMGV	32	POA

Stock & Die Set



NLSADSET

- Contains all components required for threading of 20/25mm conduit tube after cutting.
- Packed in a hard shell PVC case.
- Cast iron die stock body & guides.
- Dies manufactured from high grade tool steel.
- Steel handles zinc plated.

Order Code	Model No.	Price - Each 1 off
1051042696	NLSADSET	£44.87

Bushing Spanner



NLSPANBK

- Spanner specifically designed for installing male brass bushes.
- For 20/25mm bushes.
- Designed to give an easy grip on bushes in confined spaces.
- Fits inside body bore to prevent slippage.
- Made from chrome vanadium steel with a heavy duty chrome plated finish (20 microns).

Order Code	Model No.	Price - Each 1 off
1051042697	NLSPANBK	£19.46

Fish Tape



NLSFT



NLNFT

Spring Steel

- Made from flexible spring steel with plastic holder.
- Width 3.2mm and 1.6mm thickness.
- 50ft long - approx 15M.

Nylon

- Fish tape (20M) made from 3mm diameter nylon cord with brass looped end.
- For easy feeding of electrical cable through conduit tube.
- Non-conductive and non-corroding.
- Low friction smooth service.

1 YR

Order Code	Model No.	Price - Each 1 off
Spring Steel		
1050153069	NLSFT	£25.82
Nylon		
1051042698	NLNFT	£11.13

PUT YOUR HANDS IN THE AIR FOR ENERGY EFFICIENCY



The Newlec jet dryer offers the ultimate in fast, hygienic and energy efficient hand drying. With a robust design suitable for all public applications, the adjustable long life DC motor and heater element maximise energy savings.

- 10 second dry time and antibacterial coating reduces risk of spreading germs
- Removable drip tray for easy maintenance
- HEPA dust filter kills 99.9% of germs



TICKS THE BOX EVERY TIME

Exclusive electrical products for professionals

Newlec®

Wire Basket

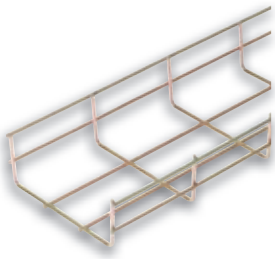
Newlec wire basket cable tray offers a strong, light, easy to install alternative to traditional cable tray systems. Its innovative design includes safety flanges, a manageable 'cut, bend and join' system that adapts easily to any installation layout and saving over 30% installation time. Lightweight construction and fast-fit connectors and accessories make the Newlec wire basket one of the easiest and quickest cable tray systems to install on the market.

Newlec wire basket cable tray meets EN61537, E90 fire performance, UL classification and Class 5 corrosion protection. Newlec wire basket cable tray also has a safety edge that prevents personal injury and cable damage.

- If correctly cut, basket is 'self healing'.
- Enhanced protection against corrosion.
- Safety edge.
- Chrome VI free.
- Compliant with RoHS 2002/95/CE and WEEE 2002/96/CE.



Wire Basket Lengths



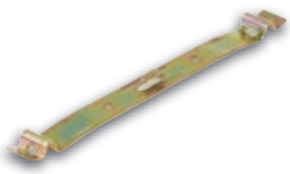
- Safety flanges that prevent damage to cable or installers.
- Manageable 'cut, bend and join' system that adapts easily to any installation with saving of over 30% installation time.
- Lightweight construction for maximum ventilation and cleanliness.
- Provides strength and flexibility.
- Design and structure make it easy to build onsite accessories.
- E90 fire performance.
- Available in 2 depths & 4 widths.
- 3M lengths.
- Bycro finish offering superior corrosion resistance.
- 30% less material compared to traditional sheet steel trays.

CE

1 YR

Order Code	Model No.	Dimensions (mm)	Price - Length 1 off
Narrow Depth			
1051013087	NLWB35100	35 x 100	POA
1051013088	NLWB35150	35 x 150	POA
1051013089	NLWB35300	35 x 300	POA
Standard Depth			
1051013090	NLWB60100	60 x 100	POA
1051013091	NLWB60150	60 x 150	POA
1051013092	NLWB60200	60 x 200	POA
1051013093	NLWB60300	60 x 300	POA

Fast Fit Connector



- Quick fitting.
- No bolt required.
- No special tools required.
- Guaranteed earth continuity.
- Security tabs are secured with a standard electricians screwdriver.

CE

1 YR

Order Code	Model No.	Description	Price - Each 1 off
1051013095	NLWBFFC	Cable Basket Connector	POA

Universal Bracket



- Used for attaching accessories or mounting the wire basket to the wall.
- Simple click-fit.
- No bolts required.

CE

1 YR

Order Code	Model No.	Description	Price - Each 1 off
1051013094	NLWBMUB	Universal Bracket	POA

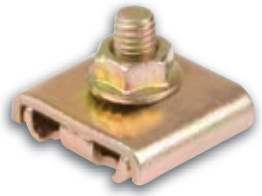
Reinforced Joint Clamp

Order Code	Model No.	Description	Price - Each 1 off
1051013096	NLWBRJC	Reinforced Joint Clamp	POA

- Captive bolt.
- Simple 3-part assembly.
- Ensures optimum section loads on wire basket tray sections.
- Superb mechanical performance.

CE

1 YR



M8 & M10 Hanging Plate

Order Code	Model No.	Description	Price - Each 1 off
1051013098	NLWBCHPM8	Hanging Plate	POA

- For supporting wire basket using threaded rod (M8 and M10).
- Can be used as a channel hold down clamp.

CE

1 YR



Gland Bracket

Order Code	Model No.	Description	Price - Each 1 off
1051013097	NLWBCGB	Gland Bracket	POA

- Click fit.
- For conduit, pipes & glands sizes 20mm and 25mm.
- For connecting rigid or flexible conduits.

CE

1 YR



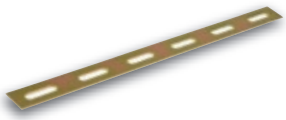
Splice Plate

Order Code	Model No.	Description	Price - Each 1 off
1051013099	NLWBSP	Splice Plate	POA

- For joining & supporting bends/joints of wire basket tray.

CE

1 YR



NEW

FIRE RESISTANT CLIPS, SADDLES AND FIXINGS

SEE PAGES 143, 145 & 298



A range of Amendment 3 cable management accessories



Cable Trunking

- Newlec pre galvanised trunking system is designed for strength and rigidity.
- Offers a complete system with a selection of support fittings and accessories to provide site installation solutions.
- For all your requirements a wide range of accessories are available.
- Quick to install – lids are attached by turnbuckle fixings and with M6 screw fix.
- Impact resistance up to 2J.
- Trunking systems have been developed to comply with BS EN 50085-1: 2005 and BS EN 50085-2-1:2006 cable trunking systems and cable ducting systems for electrical installations.
- Newlec trunking systems are designed so that when they are installed correctly and in normal use, live parts are not accessible.
- All accessories e.g. bends, tees etc. should be directly supported by a suitable support device or devices at appropriate positions.
- The trunking systems are in normal use, passive in respect of electromagnetic influences (emission and immunity).
- Earthing knockouts meet the requirements of EN 61032:1998.
- The system should not be used for equipotential bonding.

Trunking - c/w Lid



NLRU22

- 3M length includes coupler, lid & turnbuckles.
- Quick to install - lids are attached by turnbuckle fixings, with M6 screw fix.
- Integral connectors are included for bends and tees.

1 YR

Order Code	Model No.	Dimensions (mm)	Price - Each 1 off
1051115971	NLRU22	50 x 50	POA
1051115972	NLRU33	75 x 75	POA
1051115973	NLRU44	100 x 100	POA
1051115974	NLRU66	150 x 150	POA

Trunking Lid



NLRU2LID

- 3M Length.
- Lid supplied separately from complete trunking length if required.

1 YR

Order Code	Model No.	Dimensions (mm)	Price - Each 1 off
1051115989	NLRU2LID	50	POA
1051116003	NLRU3LID	75	POA
1051116018	NLRU4LID	100	POA
1051116034	NLRU6LID	150	POA

Cable Tray & Trunking - Hanger Brackets



NLZTTH150A

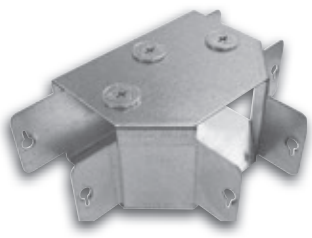
- Suitable for cable tray and trunking.
- Used with M6 & M10 threaded rod.
- Slot for threaded rod fixture allows easy cable tray alignment.
- Zinc plated finish.

1 YR

Order Code	Model No.	Size (mm)	Price - Each 1 off
1051047813	NLZTTH100A	100	POA
1051047814	NLZTTH150A	150	POA
1051047815	NLZTTH225A	225	POA
1051047816	NLZTTH300A	300	POA

Trunking - Tee Top Cover

1 YR



NLRU22GTT

Order Code	Model No.	Dimensions (mm)	Price - Each 1 off
1051115986	NLRU22GTT	50	POA
1051116001	NLRU33GTT	75	POA
1051116015	NLRU44GTT	100	POA
1051116031	NLRU66GTT	150	POA

Trunking - Flange Coupling

Order Code	Model No.	Dimensions (mm)	Price - Each 1 off
1051115977	NLRU22F	50 x 50	POA
1051115993	NLRU33F	75 x 75	POA
1051116008	NLRU44F	100 x 100	POA
1051116024	NLRU66F	150 x 150	POA

1 YR

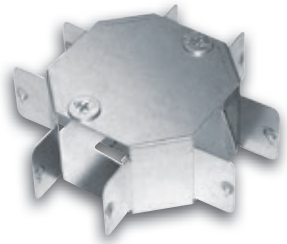


NLRU22F

Trunking - Four Way Box Top Cover

Order Code	Model No.	Dimensions (mm)	Price - Each 1 off
1051115985	NLRU22GFT	50 x 50	POA
1051116000	NLRU33GFT	75 x 75	POA
1051116014	NLRU44GFT	100 x 100	POA
1051116030	NLRU66GFT	150 x 150	POA

1 YR

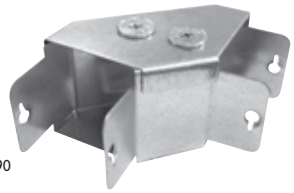


NLRU22GFT

Trunking - 90° Bend Top Cover

Order Code	Model No.	Dimensions (mm)	Price - Each 1 off
1051115984	NLRU22GBT90	50 x 50	POA
1051115999	NLRU33GBT90	75 x 75	POA
1051116013	NLRU44GBT90	100 x 100	POA
1051116029	NLRU66GBT90	150 x 150	POA

1 YR

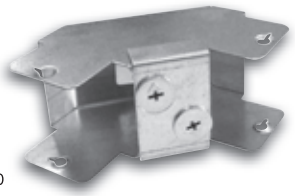


NLRU22GBT90

Trunking - 90° Bend Inside Cover

Order Code	Model No.	Dimensions (mm)	Price - Each 1 off
1051115980	NLRU22GBI90	50 x 50	POA
1051115996	NLRU33GBI90	75 x 75	POA
1051116010	NLRU44GBI90	100 x 100	POA
1051116026	NLRU66GBI90	150 x 150	POA

1 YR

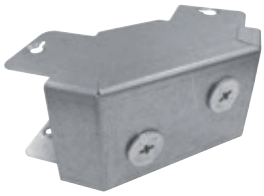


NLRU22GBI90

Trunking - 90° Bend Outside Cover

Order Code	Model No.	Dimensions (mm)	Price - Each 1 off
1051115982	NLRU22GBO90	50 x 50	POA
1051115997	NLRU33GBO90	75 x 75	POA
1051116011	NLRU44GBO90	100 x 100	POA
1051116027	NLRU66GBO90	150 x 150	POA

1 YR

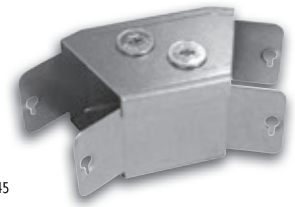


NLRU22GBO90

Trunking - 45° Bend Top Cover

Order Code	Model No.	Dimensions (mm)	Price - Each 1 off
1051115983	NLRU22GBT45	50 x 50	POA
1051115998	NLRU33GBT45	75 x 75	POA
1051116012	NLRU44GBT45	100 x 100	POA
1051116028	NLRU66GBT45	150 x 150	POA

1 YR



NLRU22GBT45

Trunking - 45° Bend Inside Cover

Order Code	Model No.	Dimensions (mm)	Price - Each 1 off
1051115979	NLRU22GBI45	50 x 50	POA

1 YR

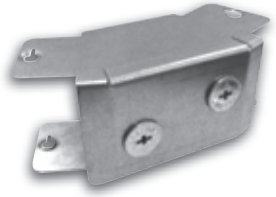


NLRU22GBI45

Trunking - 45° Bend Outside Cover

Order Code	Model No.	Dimensions (mm)	Price - Each 1 off
1051115981	NLRU22GBO45	50 x 50	POA

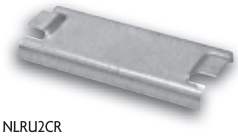
1 YR



NLRU22GBO45

Available to Order

Cable Retainers



NLRU2CR

1 YR

Order Code	Model No.	Dimensions (mm)	Price - Each 1 off
1051115988	NLRU2CR	50 x 50	POA
1051115995	NLRU3CR	75 x 75	POA
1051116017	NLRU4CR	100 x 100	POA
1051116033	NLRU6CR	150 x 150	POA

Trunking Turnbuckles



NLUDB2

- Pack of 10.

1 YR

Order Code	Model No.	Dimensions (mm)	Price - Each 1 off
1051116035	NLUDB2	Fits All Trunking Sizes	POA

Trunking Couplers



NLRU22C

1 YR

Order Code	Model No.	Dimensions (mm)	Price - Each 1 off
1051115975	NLRU22C	50 x 50	POA
1051115991	NLRU33C	75 x 75	POA
1051116006	NLRU44C	100 x 100	POA
1051116022	NLRU66C	150 x 150	POA

End Cap

NLRU22E

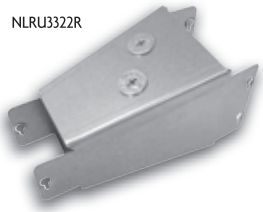


1 YR

Order Code	Model No.	Dimensions (mm)	Price - Each 1 off
1051115976	NLRU22E	50 x 50	POA
1051115992	NLRU33E	75 x 75	POA
1051116007	NLRU44E	100 x 100	POA
1051116023	NLRU66E	150 x 150	POA

Trunking Reducers

NLRU3322R



1 YR

Order Code	Model No.	Dimensions (mm)	Price - Each 1 off
1051115990	NLRU3322R	75 x 75 to 50 x 50	POA
1051116004	NLRU4422R	100 x 100 to 50 x 50	POA
1051116005	NLRU4433R	100 x 100 to 75 x 75	POA
1051116019	NLRU6622R	150 x 150 to 50 x 50	POA
1051116020	NLRU6633R	150 x 150 to 75 x 75	POA
1051116021	NLRU6644R	150 x 150 to 100 x 100	POA

Trunking Hanging Bracket



NLRU22H

- 11mm diameter hole for up to M10 threaded rod.

1 YR

Order Code	Model No.	Dimensions (mm)	Price - Each 1 off
1051115987	NLRU22H	50 x 50	POA
1051116002	NLRU33H	75 x 75	POA
1051116016	NLRU44H	100 x 100	POA
1051116032	NLRU66H	150 x 150	POA

Fitting Adaptor



NLRU22FCON

1 YR

Order Code	Model No.	Dimensions (mm)	Price - Each 1 off
1051115978	NLRU22FCON	50 x 50	POA
1051115994	NLRU33FCON	75 x 75	POA
1051116009	NLRU44FCON	100 x 100	POA
1051116025	NLRU66FCON	150 x 150	POA

Earth Link



NLUEL

- Pack of 10.

1 YR

Order Code	Model No.	Price - Each 1 off
1051116036	NLUEL	POA

Available to Order

PREFABRICATION SERVICE

Reduce Costs Reduce Waste Improve Site Safety



Newlec now offers a comprehensive prefabrication service ranging from simple cut lengths of channel to complex frames and brackets.

- Less waste of material
- Saving in installation time
- Less space required on site
- Reduction in site labour/cost
- Full conformity to published load data
- Design consultation available

Modules or loops can be factory assembled allowing for improved consistency. Bolted elements comply with required torque settings and welded components are manufactured by coded welders to offer you the best prefabrication service.

For more information please contact your local branch or call our prefabrication service line on:

0121 580 6307

Lines open Monday-Thursday 8.30am to 4.30pm, Friday 8.30am to 4.00pm

Exclusive electrical products for professionals

Newlec®

Lighting Trunking



NLLT2230

- Manufactured from hot-dipped, pre-coated galvanised steel to BS EN 10327 and BS EN 10143.
- Supplied as a 50mm section in 3M lengths.
- Nominal thickness 0.9mm.
- Couplers and lids can be ordered separately.

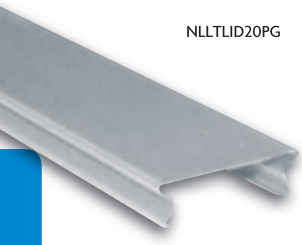
1 YR

For trunking hanger brackets see page 114

For threaded rod see page 125

Order Code	Model No.	Price - Each 1 off
1051115959	NLLT2230	POA

Lighting Trunking - Cover



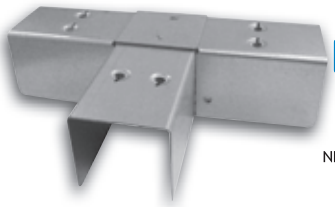
NLLTLID20PG

- Available in galvanised steel or rigid, white PVC.
- Clip into the trunking body without the use of tools.
- 2M lengths.

1 YR

Order Code	Model No.	Colour	Price - Each 1 off
1051115961	NLLTLID20PG	Galvanised Steel	POA
1051115960	NLLTLID20PL	White	POA

Lighting Trunking - Tee Top Cover



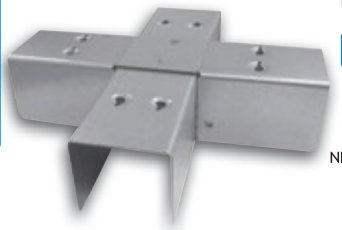
- 50mm x 50mm.

1 YR

NLLT22BTT

Order Code	Model No.	Price - Each 1 off
1051115965	NLLT22BTT	POA

Lighting Trunking - Four Way Top Cover



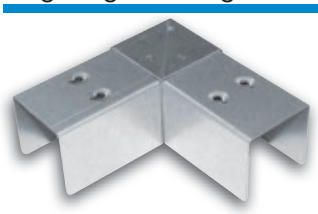
- 50mm x 50mm.

1 YR

NLLT22GFT

Order Code	Model No.	Price - Each 1 off
1051115966	NLLT22GFT	POA

Lighting Trunking - 90° Bend Top Cover



- 50mm x 50mm.

1 YR

NLLT22BT90

Order Code	Model No.	Price - Each 1 off
1051115964	NLLT22BT90	POA

Lighting Trunking - 90° Bend Int & Ext Cover



- 50mm x 50mm.

1 YR

NLLT22BI90

Order Code	Model No.	Type	Price - Each 1 off
1051115963	NLLT22BO90	External	POA
1051115962	NLLT22BI90	Internal	POA

End Cap

Order Code	Model No.	Price - Each 1 off
1051115976	NLRU22E	POA

- 50mm x 50mm.

1 YR


NLRU22E

Cable Retainer

Order Code	Model No.	Price - Each 1 off
1051115988	NLRU2CR	POA

- Rests within the internal lip of the trunking, easily positioned when cable laying.
- 50mm x 50mm.

1 YR

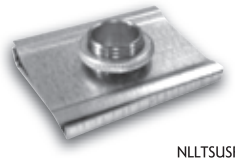

NLRU2CR

Lighting Attachment

Order Code	Model No.	Price - Each 1 off
1051115970	NLLTSUSFIT	POA

- Consists of latch and clamp plate with 20mm brass bush and locknut.
- 50mm x 50mm.

1 YR


NLLTSUSFIT

Coupler

Order Code	Model No.	Price - Each 1 off
1051115967	NLLTCOUP	POA

- For joining trunking body sections.
- 50mm x 50mm.
- 240mm length.

1 YR

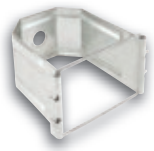

NLLTCOUP

Suspension Bracket

Order Code	Model No.	Suspension Hole Size (mm)	Price - Each 1 off
1051115968	NLLTSUS11	10	POA
1051115969	NLLTSUS20	20	POA

- 50mm x 50mm.
- Choice of suspension hole diameters.
- Spring wire clip locks into position by closing a metal tag.

1 YR


NLLTSUS11

Flange

Order Code	Model No.	Price - Each 1 off
1051115977	NLRU22F	POA

- 50mm x 50mm.

1 YR


NLRU22F

NEW

IP65 LED EMERGENCY BULKHEAD

SEE PAGE 28



Cable Tray & Accessories

Newlec cable trays are designed as a complete system with simple accessories. Integral connectors are included for bends, tees etc. for all cable tray ranges. The unique perforation pattern in the base of the cable trays allows ease of attachment for cables with more than adequate ventilation. The cable tray ranges have the same footprint that facilitates the set out of cable runs prior to finalisation of design.

The light duty cable tray straights have one end swaged for easy connection to the next tray. When light duty straights are cut to smaller lengths on site, connection to the next tray requires a fish plate.

The medium duty cable tray system have cable friendly return flanges that are also slotted for all widths as standard.

When installing the cable trays care should be taken to ensure accessories eg. bends, tees, crossovers etc. have adequate support with additional supports for larger components.

Cable Tray - Light Duty

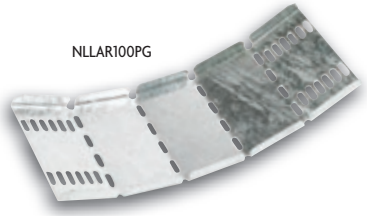


- 3M length.

1 YR

Order Code	Model No.	Size (mm)	Price - Each 1 off
1051115876	NLL050PG	50	POA
1051115877	NLL075PG	75	POA
1051115878	NLL100PG	100	POA
1051115879	NLL150PG	150	POA
1051115880	NLL225PG	225	POA
1051115881	NLL300PG	300	POA

Cable Tray - Light Duty Riser



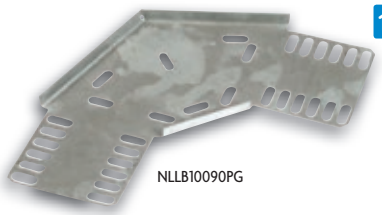
- Flexible risers so they work both up and down from 0° to 90°.

1 YR

Order Code	Model No.	Size (mm)	Price - Each 1 off
1051115883	NLLAR50PG	50	POA
1051115888	NLLAR75PG	75	POA
1051115884	NLLAR100PG	100	POA
1051115885	NLLAR150PG	150	POA
1051115886	NLLAR225PG	225	POA
1051115887	NLLAR300PG	300	POA

Cable Tray - Light Duty Flat Bend

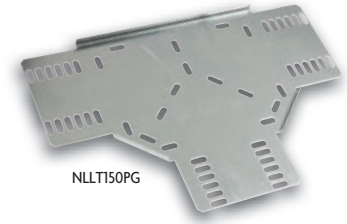
1 YR



Order Code	Model No.	Size (mm)	Price - Each 1 off
1051115889	NLLB05090PG	50	POA
1051115890	NLLB07590PG	75	POA
1051115891	NLLB10090PG	100	POA
1051115892	NLLB15090PG	150	POA
1051115893	NLLB22590PG	225	POA
1051115894	NLLB30090PG	300	POA

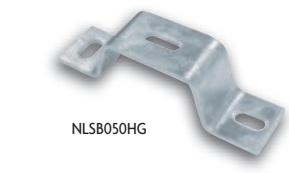
Cable Tray - Light Duty Equal Tee

1 YR



Order Code	Model No.	Size (mm)	Price - Each 1 off
1051115895	NLLT050PG	50	POA
1051115896	NLLT075PG	75	POA
1051115897	NLLT100PG	100	POA
1051115898	NLLT150PG	150	POA
1051115899	NLLT225PG	225	POA
1051115900	NLLT300PG	300	POA

Cable Tray - Stand Off Brackets



- Fixing hole diameter 12mm.
- 50mm uplift.
- Slotted attachment face for ease of alignment to cable tray.
- Suitable for both light, medium and heavy duty tray.

1 YR

Order Code	Model No.	Type	Size (mm)	Price - Each 1 off
2500935131	NLSB050HG	Top Hat	50	POA
2500935132	NLSB075HG	Top Hat	75	POA
2500935133	NLSB100HG	Top Hat	100	POA
2500935134	NLSB150HG	Top Hat	150	POA
2500935135	NLSB225HG	Top Hat	225	POA
2500935136	NLSB300HG	Top Hat	300	POA
2500935137	NLSB450HG	Top Hat	450	POA
2500935138	NLSB600HG	Top Hat	600	POA

Cable Tray - Top Hat Bracket



- Fitted with M6 captive nut for labour saving installation.
- Captive nut can be moved to pick up all cable tray slot arrangements.
- Zinc plated finish.
- Elongated fixing holes suitable for 6mm fixing to assist positioning.

1 YR

Order Code	Model No.	Size (mm)	Price - Each 1 off
1051047807	NLZTHB050A	50	POA
1051047808	NLZTHB075A	75	POA
1051047809	NLZTHB100A	100	POA
1051047810	NLZTHB150A	150	POA
1051047811	NLZTHB225A	225	POA
1051047812	NLZTHB300A	300	POA

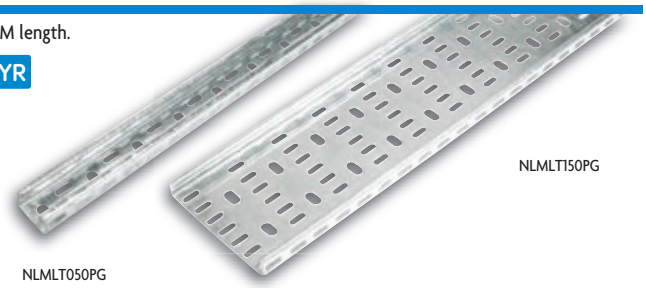
Available to Order

Cable Tray - Medium Duty

Order Code	Model No.	Size (mm)	Price - Each 1 off
1051115901	NLMLT050PG	50	POA
1051115902	NLMLT075PG	75	POA
1051115903	NLMLT100PG	100	POA
1051115904	NLMLT150PG	150	POA
1051115905	NLMLT225PG	225	POA
1051115906	NLMLT300PG	300	POA
1051115907	NLMLT450PG	450	POA
1051115908	NLMLT600PG	600	POA

- 3M length.

1 YR



NLMLT150PG

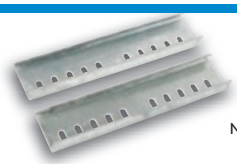
NLMLT050PG

Cable Tray - Medium Duty Couplers

Order Code	Model No.	Price - Each 1 off
1051115909	NLMWCPG	POA

- Required for medium duty tray.
- Additional holes for side fixing.
- 1 pair excluding nuts and bolts.

1 YR



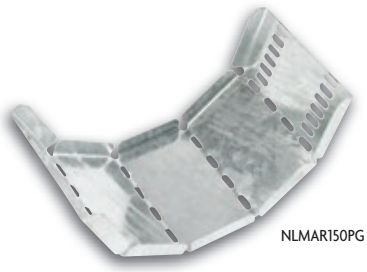
NLMWCPG

Cable Tray - Medium Duty Risers

Order Code	Model No.	Size (mm)	Price - Each 1 off
1051115917	NLMAR075PG	75	POA
1051115918	NLMAR100PG	100	POA
1051115919	NLMAR150PG	150	POA
1051115920	NLMAR225PG	225	POA
1051115921	NLMAR300PG	300	POA
1051115922	NLMAR450PG	450	POA
1051115923	NLMAR600PG	600	POA

- Flexible risers so they work both up and down from 0° to 90°.

1 YR



NLMAR150PG

Cable Tray - Medium Duty Adjustable Bend

Order Code	Model No.	Size (mm)	Price - Each 1 off
1051115910	NLMAB075PG	75	POA
1051115911	NLMAB100PG	100	POA
1051115912	NLMAB150PG	150	POA
1051115913	NLMAB225PG	225	POA
1051115914	NLMAB300PG	300	POA
1051115915	NLMAB450PG	450	POA
1051115916	NLMAB600PG	600	POA

- Bend adjustable from 30° to 90°.

1 YR

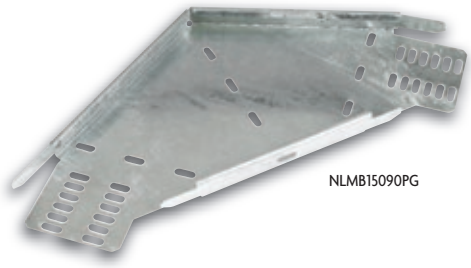


NLMAB225PG

Cable Tray - Medium Duty Flat Bends

Order Code	Model No.	Size (mm)	Price - Each 1 off
1051115924	NLMB07590PG	75	POA
1051115925	NLMB10090PG	100	POA
1051115926	NLMB15090PG	150	POA
1051115927	NLMB22590PG	225	POA
1051115928	NLMB30090PG	300	POA
1051115929	NLMB45090PG	450	POA
1051115930	NLMB60090PG	600	POA

1 YR



NLMB15090PG

Cable Tray - Medium Duty Equal Tee

Order Code	Model No.	Size (mm)	Price - Each 1 off
1051115931	NLMT075PG	75	POA
1051115932	NLMT100PG	100	POA
1051115933	NLMT150PG	150	POA
1051115934	NLMT225PG	225	POA
1051115935	NLMT300PG	300	POA
1051115936	NLMT450PG	450	POA
1051115937	NLMT600PG	600	POA

1 YR



NLMT100PG

Cable Tray - Earth Strap

Order Code	Model No.	Type	Size (mm)	Price - Each 1 off
1051115882	NLEB100	Earth Strap c/w Lugs	100	POA

- Fitted with M6 lugs.
- Tin plated braid.

1 YR



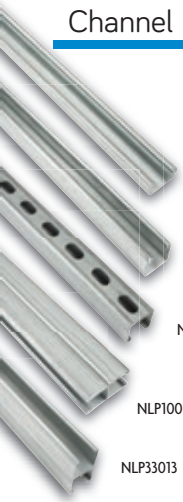
NLEB100

Channel Support System

- The ideal solution whenever there is a need to install cable tray, cable ladder, lighting, piping, ducting and many other building services.
- Totally flexible installation system which can be assembled with the minimum of effort with no welding or on-site fabrication work.
- Includes all of the most popular channels (plain and slotted), brackets, spring nuts and other fastenings.
- Pre-galvanised finish of structural steel to BS EN 10346: 2009.
- Conforms to BS 6946.
- Bracketry to BS EN 10111, BS EN 10025 and hot dipped galvanised to BS EN ISO 1461.

Available to Order

Channel



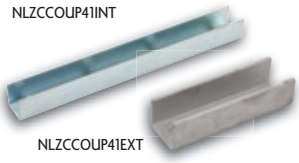
- 2.5mm wall thickness.
- 3M and 6M lengths.
- Additional channel profiles are available to order.
- Special finishes in post dipped galvanised to BS 1461, stainless steel and powder coated available to order.

N.B. 6M lengths available from selected locations only (minimum carriage paid value may apply)

1 YR

Order Code	Model No.	Type	Size (mm)	Length (M)	Price - Each 1 off
Standard Strut					
1051115955	NLP33003	Shallow	21 x 41	3	POA
1051115952	NLP33006	Shallow	21 x 41	6	POA
1051115954	NLP3300T3	Shallow Slotted	21 x 41	3	POA
1051115953	NLP3300T6	Shallow Slotted	21 x 41	6	POA
1051115949	NLP10003	Deep	41 x 41	3	POA
1051115946	NLP10006	Deep	41 x 41	6	POA
1051115948	NLP1000T3	Deep Slotted	41 x 41	3	POA
1051115947	NLP1000T6	Deep Slotted	41 x 41	6	POA
Back to Back					
1051115957	NLP33013	Shallow	2 x 21 x 41	3	POA
1051115956	NLP33016	Shallow Slotted	2 x 21 x 41	6	POA
1051115950	NLP10013	Deep Slotted	2 x 41 x 41	3	POA
1051115951	NLP10016	Deep Slotted	2 x 41 x 41	6	POA

Channel - Couplers



- For 41 x 41mm slotted or plain channel.
- Internal version tapped and supplied with 4 No. M6 x 12mm roofing bolts.
- External version for more robust requirements and galvanised.
- Internal coupler zinc plated finish.

1 YR

Order Code	Model No.	Type	Size (mm)	Length (mm)	Price - Each 1 off
1051047777	NLZCCOUP41INT	Internal Coupler	41 x 41	309	POA
1051047778	NLZCCOUP41EXT	External Coupler	41 x 41	168	POA

Channel - Covers/End Caps



1 YR

Order Code	Model No.	Description	Price - Each 1 off
End Caps			
1051047776	NLZ951WA	Channel End Cap - White - 41 x 21	POA
2500923141	NLZ951BA	Channel End Cap - Black - 41 x 21	POA
1051047775	NLZ950WA	Channel End Cap - White - 41 x 41	POA
2500923140	NLZ950BA	Channel End Cap - Black 41 x 41	POA
Cover			
1051115958	NLP1184PW	Plastic Cover Strip - 3M White	POA

Channel - Lighting Adaptor



- Zinc plated finish.
- Designed for the suspension of light fittings.

1 YR

Order Code	Model No.	Description	Price - Each 1 off
1051047746	NLZ686A	Lighting Adaptor	POA

Spring Nuts

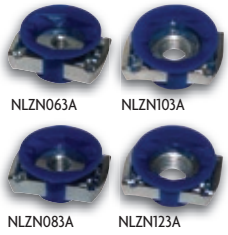


- Short spring to suit 21 x 41mm channel.
- Long spring to suit 41 x 41mm channel.
- Zinc plated finish.

1 YR

Order Code	Model No.	Type	Size	Price - Each 1 off
1051047785	NLZN060A	No Spring	M6	POA
1051047786	NLZN061A	Long Spring	M6	POA
1051047787	NLZN062A	Short Spring	M6	POA
1051047788	NLZN080A	No Spring	M8	POA
1051047789	NLZN081A	Long Spring	M8	POA
1051047790	NLZN082A	Short Spring	M8	POA
1051047791	NLZN100A	No Spring	M8	POA
1051047792	NLZN101A	Long Spring	M10	POA
1051047793	NLZN102A	Short Spring	M10	POA
1051048800	NLZN120A	No Spring	M12	POA
1051048801	NLZN121A	Long Spring	M12	POA
1051048802	NLZN122A	Short Spring	M12	POA

Easyfit Channel Nut



- Fast installation - Saves over 30% installation time and cost.
- A simple quarter turn with the moulded finger grip secures to strut.
- Once fitted the Easynut moves smoothly along strut for accurate positioning.
- No more springs to untangle or get caught in strut slots when positioning.
- One size of Easyfit nut replaces all 3 types of spring nut.
- Universal fit for all types of strut.

Order Code	Model No.	Description	Price - Each 1 off
1052094825	NLZN063A	M6 Channel Nut - BZP	POA
1052094826	NLZN083A	M8 Channel Nut - BZP	POA
1052094827	NLZN103A	M10 Channel Nut - BZP	POA
1052094828	NLZN123A	M12 Channel Nut - BZP	POA

Channel - Cantilever Arms

Order Code	Model No.	Length (mm)	Price - Each 1 off
1051047758	NLZ750A	150	POA
1051047759	NLZ752A	300	POA
1051047760	NLZ753A	450	POA
1051047761	NLZ754A	600	POA
1051047762	NLZ755A	750	POA
1051047763	NLZ756A	900	POA
1051056539	NLZ757A	1000	POA

- Hot dipped galv. finish.

1 YR

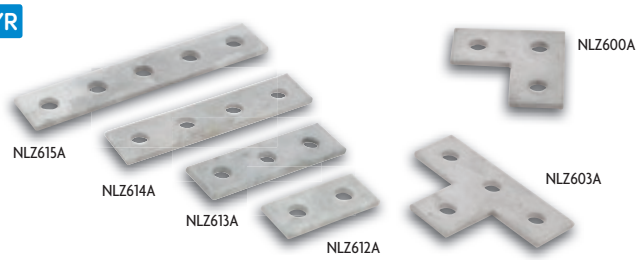

NLZ750A

Channel - Flat Brackets

Order Code	Model No.	Description	Price - Each 1 off
1051047740	NLZ612A	Straight 2 Hole	POA
1051047741	NLZ613A	Straight 3 Hole	POA
1051047742	NLZ614A	Straight 4 Hole	POA
1051047743	NLZ615A	Straight 5 Hole	POA
1051047744	NLZ600A	"L" 3 Hole	POA
1051047745	NLZ603A	"L" 4 Hole	POA

- Hot dipped galv. finish.

1 YR

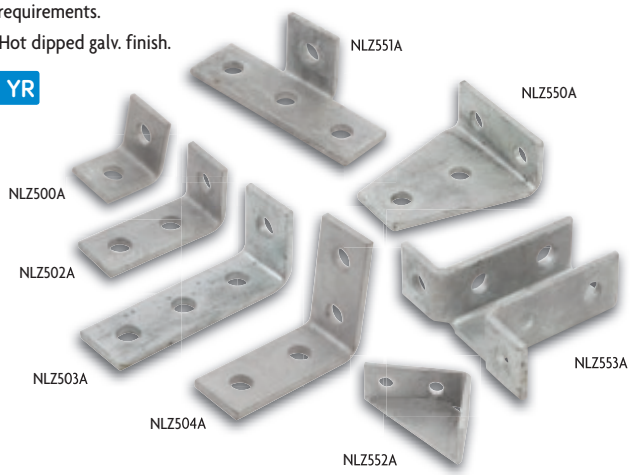


Channel Accessories - 90° Brackets

Order Code	Model No.	Description	Price - Each 1 off
1051047728	NLZ500A	1 Hole 1 Hole - "L"	POA
1051047729	NLZ502A	1 Hole 2 Hole - "L"	POA
1051047730	NLZ503A	1 Hole 3 Hole - "L"	POA
1051047731	NLZ504A	2 Hole 2 Hole - "L"	POA
1051047736	NLZ551A	1 Hole 3 Hole - "T"	POA
1051047737	NLZ550A	2 Hole 2 Hole - "L"	POA
1051047738	NLZ552A	2 Hole 2 Hole - Gusset	POA
1051047739	NLZ553A	2 Lug Wing (41 x 41)	POA

- The range covers most 90° assembly requirements.
- Hot dipped galv. finish.

1 YR



Channel Accessories - Angle Brackets

Order Code	Model No.	Description	Price - Each 1 off
1051047751	NLZ510A	Obtuse 2 Hole	POA
1051047752	NLZ511A	Acute 2 Hole	POA

- For acute and obtuse 45° assemblies.
- Hot dipped galv. finish.

1 YR

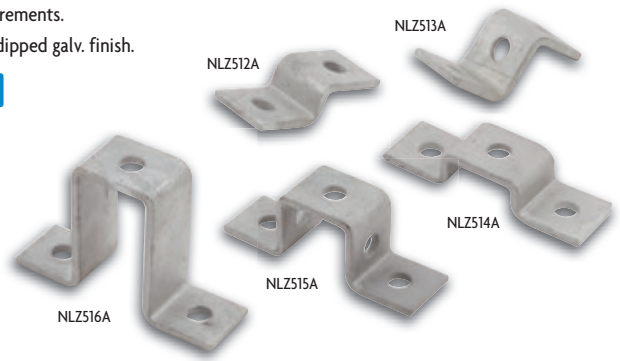


Channel Accessories - Fixing Brackets

Order Code	Model No.	Description	Price - Each 1 off
1051047753	NLZ512A	2 hole 21mm "Z" bracket	POA
1051047754	NLZ513A	3 hole 48mm "Z" bracket	POA
1051047755	NLZ514A	3 hole 27mm "U" bracket	POA
1051047756	NLZ515A	3 hole 48mm "U" bracket	POA
1051047757	NLZ516A	3 hole 89mm "U" bracket	POA

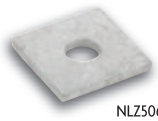
- Range of brackets for versatile installation requirements.
- Hot dipped galv. finish.

1 YR



*All fixings holes are 14mm diameter unless otherwise stated.

Channel Accessories - Plates


NLZ506/12A

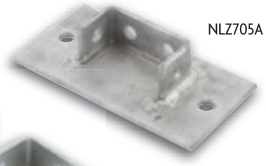
- Hot dipped galv. finish.

1 YR

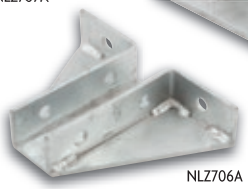
Order Code	Model No.	Type	Hole Size	Size (mm)	Price - Each 1 off
1051047732	NLZ506/06A	Square	M6	40 x 40	POA
1051047733	NLZ506/08A	Square	M8	40 x 40	POA
1051047734	NLZ506/10A	Square	M10	40 x 40	POA
1051047735	NLZ506/12A	Square	M12	40 x 40	POA

Channel Accessories - Base Plates


NLZ707A


NLZ705A


NLZ704A


NLZ706A

- Base plates for a variety of single and double channel requirements.
- Hot dipped galv. finish.

1 YR

Order Code	Model No.	Description	Price - Each 1 off
1051047747	NLZ704A	Base Plate Single Channel	POA
1051047748	NLZ705A	Base Plate Double Channel	POA
1051047749	NLZ706A	Base Plate Single Channel Gusset	POA
1051047750	NLZ707A	Base Plate Double Channel Gusset	POA

Channel Accessories - Beam Clamps


NLZ851A


NLZ854A

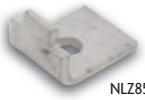

NLZ855A


NLZ859A


NLZ858A


NLZ852/41 A


NLZ850A


NLZ856A

- Hot dipped galv. finish, except purlin clip which is zinc plated.
- Hole in brackets are 14mm diameter for M12 hexagon head bolt.
- Beam clamps should be used in pairs.
- M10 x 40mm HT8.8 cone point supplied where required as standard.

1 YR

Order Code	Model No.	Description	Price - Each 1 off
1051047765	NLZ850A	"C" - Beam Clamp c/w Cone Point - Small	POA
1051047764	NLZ851A	"C" - Beam Clamp c/w Cone Point - Large	POA
1051047769	NLZ854A	"Z" - Beam Clamp c/w Cone Point	POA
1051047772	NLZ856A	"L" - Beam Clamp Toe	POA
1051047774	NLZ859A	Purlin Clip (M10 Rod)	POA
1051047773	NLZ858A	Clamp G (M10 Rod)	POA
1051047766	NLZ852/21A	Bracket Window 41 x 21mm c/w Cone Point	POA
1051047767	NLZ852/41A	Bracket Window 41 x 41mm c/w Cone Point	POA
1051047768	NLZ852/82A	Bracket Window 41 x 82mm c/w Cone Point	POA
1051047770	NLZ855A	Beam Clamp 41 x 41mm U Bolt	POA
1051047771	NLZ857A	Beam Clamp 41 x 82mm U Bolt	POA

*All fixings holes are 14mm diameter unless otherwise stated.

Cone Point Set Screw - HT8.8



- Manufactured from high tensile 8.8 steel for ultimate performance.

1 YR

Order Code	Model No.	Description	Price - Each 1 off
1051047803	NLZCP1040A	M10 x 40mm Cone Point	POA

Hex Set Screws - HT8.8


NLZS0620A

- Manufactured from high tensile 8.8 steel for ultimate performance.
- Supplied in multiples of 10.

1 YR

Order Code	Model No.	Size	Price Per 10 10 off
1051047797	NLZS0620A	M6 x 20	POA
1051047798	NLZS0625A	M6 x 25	POA
1051047799	NLZS0825A	M8 x 25	POA
1051047800	NLZS0835A	M8 x 35	POA
1051047801	NLZS1025A	M10 x 25	POA
1051047802	NLZS1035A	M10 x 35	POA

Galvanised Spray Paint


NLGALVPAINT

- Cold galvanising spray paint.
- Used extensively for 'sealing' bare steel, especially where galvanised products have been cut.

* WARNING Flammable product - COSHH restrictions apply. Safety sheet available from your local branch.

1 YR

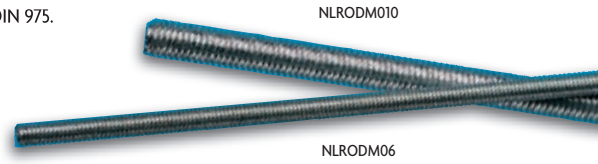
Order Code	Model No.	Price - Each 1 off
1000009596	NLGALVPAINT	POA

Threaded Rod

Order Code	Model No.	Description	Price - Each 1 off
Threaded Rod			
1051116037	NLRODM06	M6 Threaded Rod	POA
1051116038	NLRODM08	M8 Threaded Rod	POA
1051116039	NLRODM10	M10 Threaded Rod	POA
1051116040	NLRODM12	M12 Threaded Rod	POA
Threaded Rod End Caps			
1051116045	NLRODCAPM06B	M6 Threaded Rod End Caps	POA
1051116046	NLRODCAPM08B	M8 Threaded Rod End Caps	POA
1051116047	NLRODCAPM10B	M10 Threaded Rod End Caps	POA
1051116048	NLRODCAPM12B	M12 Threaded Rod End Caps	POA
Threaded Rod Connectors			
1051116041	NLRODCONM06	M6 Threaded Rod Connector	POA
1051116042	NLRODCONM08	M8 Threaded Rod Connector	POA
1051116043	NLRODCONM10	M10 Threaded Rod Connector	POA
1051116044	NLRODCONM12	M12 Threaded Rod Connector	POA

- 3M length.
- Complies to DIN 975.

1 YR




NLRODCAPM06B


NLRODCONM06

Hexagon Full Nuts

Order Code	Model No.	Size (mm)	Price Per 10 10 off
1051047782	NLZHN06A	M6	POA
1051047783	NLZHN08A	M8	POA
1051047784	NLZHN10A	M10	POA
1051048799	NLZHN12A	M12	POA

- Supplied in multiples of 10.

1 YR

NLZHN06A



Flat/Penny Washers

Order Code	Model No.	Type	Size	Price Per 10 10 off
1051047779	NLZFW06A	Flat	M6	POA
1051047780	NLZFW08A	Flat	M8	POA
1051047781	NLZFW10A	Flat	M10	POA
1051048798	NLZFW12A	Flat	M12	POA
1051047794	NLZPW06A	Penny	M6	POA
1051047795	NLZPW08A	Penny	M8	POA
1051047796	NLZPW10A	Penny	M10	POA

- Supplied in multiples of 10.

1 YR



Concrete Screw - Threaded Rod Suspension

Order Code	Model No.	Internal Thread Diameter	Drill Required (mm)	Hole Depth (mm)	Price - Pack 1 off
1051058242	NLCS810	M8 + M10	6	60	£96.38

- Zinc plated steel, self-tapping screw enables time saving installation.
- Bushing has internal thread type M8 and M10.
- Approved for concrete C20/25 to C50/60, cracked, for multiple fixings of non structural applications ETA - 11/0093.
- Also suitable for concrete C12/15, natural stone and dense structure.
- Supplied in packs of 100.


NLCS810

Wedge Nuts

Order Code	Model No.	Size	Price - Pack 1 off
1051047804	NLZWN06A	M6	POA
1051047805	NLZWN08A	M8	POA
1051047806	NLZWN10A	M10	POA

- For use in precast concrete sections.
- Supplied in packs of 10.

1 YR



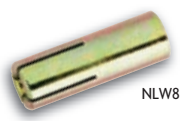
Wedge Anchor - Steel

Order Code	Model No.	Internal Thread Diameter	Drill Required	Hole Depth (mm)	Price - Pack 1 off
1000008835	NLW6	M6	8mm/NLSDS8	27	£7.10
1000008836	NLW8	M8	10mm/NLSDS10	32	£9.23
1000008837	NLW10	M10	12mm/NLSDS12	42	£12.41

Setting Tools

Order Code	Model No.	Size	Price - Each 1 off
1000008838	NLSET6	M6	£9.85
1000008839	NLSET8	M8	£10.63
1000008840	NLSET10	M10	£11.18

- Ideal for securing suspended services such as pipework, ducting and cable tray in concrete.
- Comprises a threaded steel socket and a captive wedge.
- After insertion of the anchor into the hole, it can be expanded by driving the wedge into the socket with the appropriate wedge setting tool - see below.
- Provides flush fixing point in either ceiling, wall or floor surfaces.
- Provides a strong, permanent and reusable female thread in concrete or stone.
- Wedge anchors supplied in packs of 25.


NLW8


NLSET6

Easylock Wire Suspension System

Up to **60%** **Time Saving** on installation vs traditional method



NLSWTUB

Wire rope suspension is increasingly being used for mounting building services components in commercial, public sector and industrial buildings. There are major advantages of flexible positioning and installation productivity benefits when compared to traditional systems.

The time taken for installation is dramatically reduced compared to that for threaded rods, significantly reducing installation costs.

Another benefit is that where threaded rods are usually mounted vertically, wire rope systems can easily be installed at an angle. This increases the range of suspension points that can be used.

Whether you're suspending cable basket, ladder or tray, Newlec Easylock wire suspension system ensures an efficient solution for suspending electrical services.

- Lightweight.
- Fully adjustable.
- Can be installed vertically or at angles.
- SWL 45kg with a 5:1 safety factor.
- Conforms to DW144 for ductwork.
- Lloyds approval.

Order Code	Model No.	Description	Content	Price - Each 1 off
1051091196	NLSW100	Suspension Wire	100M	£25.80
1051091197	NLSWLOCK	Wire Locking Device + Key	50	£102.13
1051091198	NLSWTUB	Suspension Kit	100M of Wire, 50 x Lock & Key	£122.55

NEW

COACH LANTERNS

SEE PAGE 45

Vandal resistant polycarbonate lantern with anti-weathering benefits





A CLEAN AND EASY SHOWER INSTALLATION EVERY TIME

The Newlec 8.5kW Easy-fit shower is ideal for retrofit installations, with 8 water connection options and up to 6 cable entry options. With 'set and forget' operation, it offers a clean, easy fit every time.



- Improved working space in shower makes installation quicker and simpler
- Large footprint covers most other electric showers
- Full accessory kit included



TICKS THE BOX EVERY TIME

Exclusive electrical products for professionals

Newlec®

Spring Steel Fasteners

Protection against corrosion

The majority of Newlec spring steel fasteners are zinc coated. The clips have a zinc silver coloured sacrificial coating which deposits two layers of zinc and an application of a waterproof topcoat. This gives a high level of protection against first white corrosion and then red rust to ASTM-B6915-90 or equivalent.

The corrosion resistance is measured by a salt spray test conforming to ASTM-B-117-90, DIN 50021 or equivalent.

Key to finishes and applications:

F1 Electroplated zinc finish, generally 8-12 microns thick with chromate coating, approximately 72 hours salt spray resistance ASTM-B117-90, DIN 50021, suitable for indoor, non-corrosive environments.

F2 Galvanised, generally hot dipped to a thickness of 50-70 microns, suitable for indoor and outdoor, humid and mildly corrosive environments.

F4 Painted finish to complement indoor applications.

F8+ Zinc silver covered sacrificial coating (Z600+), enhanced by an application of waterproof topcoat giving a corrosion resistance of more than 600 hours, for use in indoor and outdoor humid and mildly corrosive environments. Coating is completely chromium free.

Load Rating

The load rating of Newlec spring steel fasteners is expressed as a maximum static load limit. This is the stationary vertical load limit for a fixing product and incorporates a significant safety factor. Where fasteners are combined, the load rating is determined by the lowest rated fastener. If the load rating of the steel work is less than that of the fastener, this becomes the maximum static load rating for the system.

Materials

Newlec spring steel fasteners are manufactured using steel in accordance to BS EN 1449 – part 1.15 grade CS70. Furthermore products are annealed and oiled.

All components are hardened and tempered using the shaker hearth furnace method to give a final hardness reading of 400-450 HV-10 Vickers.

Application

Newlec spring steel fasteners are intended for indoor and outdoor use in a mildly corrosive atmosphere and within published load limits.

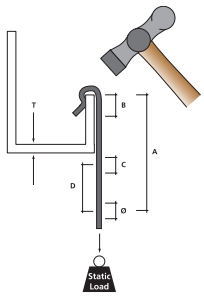
Vertical Flange



NLAV155

- For suspension of chain, wire, etc.
- Vertical flange.
- Material finish F8+.
- Pack of 25.

2 YR



Order Code	Model No.	Price - Pack 1 off	Dimensions (mm) T	Ø	A	B	C	D	Load (kg)
1000017877	NLAV155	£19.55	1.5-5	6.5	42	14	6.5	12	72

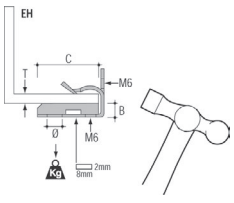
Flange and Girder Clip



NLEH814

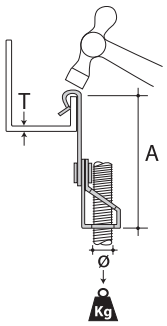
- Hammer on girder clip for conduit boxes.
- Material finish F8+.
- Pack of 25.

2 YR



Order Code	Model No.	Price - Pack 1 off	Dimensions (mm) T	Ø	A	B	C	Load (kg)
1051010193	NLEH814	£39.29	8-14	7	-	7.5	33	45

Rod Fixings



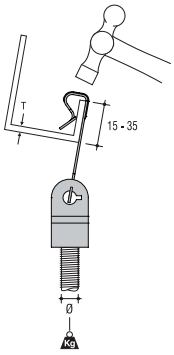
- Vertical flange rod fixing.
- Material finish F8+.
- Pack of 25.

2 YR


NLAV155B

Dimensions (mm) T	Ø	A	Load (kg)	Order Code	Model No.	Price - Pack 1 off
1.5-4	M6	70	68	1000017885	NLAV155A	£58.52
1.5-4	M8	70	68	1000017894	NLAV155B	£59.83
1.5-4	M10	70	68	1000008713	NLAV155C	£58.38

Self Aligning Rod Fixings



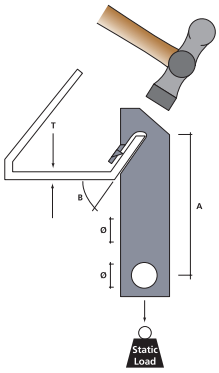
- Quick and easy to install.
- Unique patented design (PAT No. 0724348.8).
- Vertical alignment of dropper rod.
- Material finish F8+.
- Pack of 25.

2 YR


NLAV155D

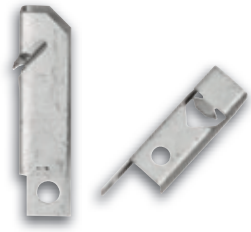
T	Ø	A	Load (kg)	Order Code	Model No.	Price - Pack 1 off
1.5 to 4	M8	15 - 35	70	1051039231	NLAV155D	£93.43
1.5 to 4	M10	15 - 35	70	1051039232	NLAV155E	£93.43

Z Purlin



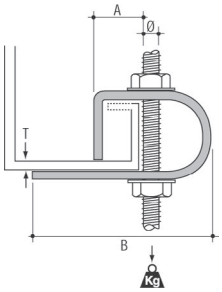
- For suspension of chain, wire etc.
- Hangers compensate for purlin angle.
- Material finish F8+.
- Pack of 25.

2 YR


NLVM03

Dimensions (mm) Ø	A	B	Load (kg)	Order Code	Model No.	Price - Pack 1 off
6.5	48	45°	45	1000017897	NLVM03	£27.24

Purlin Clamp for Threaded Rod



- Purlin clamp for threaded rod.
- Material finish F2.
- Pack of 25.

2 YR


NLPD

Dimensions (mm) T	Ø	A	B	Load (kg)	Order Code	Model No.	Price - Pack 1 off
4	12	15	85	40	1051010201	NLPD	£44.07

For threaded rod see page 125

Purlin Clips

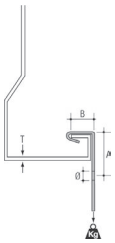


NLSM125

- Clip on purlin clip to hang chain and wire.
- Material finish F2.
- Pack of 25.

2 YR

Order Code	Model No.	Price - Pack 1 off	Dimensions (mm) T	Ø	A	B	Load (kg)
1051010198	NLSM125	£48.93	≤3.0	6.5	37	12.5	20



Edge/Cable Run

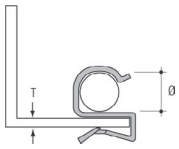


NLECM1011

- For running cables along the edge of steelwork.
- Material finish F8+.
- Pack of 25.

2 YR

Order Code	Model No.	Price - Pack 1 off	Dimensions (mm) T	Ø
1000017880	NLECS89	£11.08	2-4	8-9
1000017886	NLECS1011	£11.31	2-4	10-11
1000017891	NLECS1214	£12.74	2-4	12-14
1000017893	NLECS1519	£12.42	2-4	15-18
1000017887	NLECS2024	£15.57	2-4	19-24
1000017882	NLECM89	£11.20	4-7	8-9
1000017892	NLECM1011	£11.26	4-7	10-11
1000008708	NLECM1214	£12.61	4-7	12-14
1000008709	NLECM1519	£12.86	4-7	15-18
1000008710	NLECM2024	£16.23	4-7	19-24
1000008707	NLECL89	£11.08	8-12	8-9
1000017884	NLECL1011	£11.26	8-12	10-11
1000017879	NLECL1214	£12.61	8-12	12-14
1000017878	NLECL1519	£12.74	8-12	15-18
1000008711	NLECL2024	£16.89	8-12	19-24



T-Bar

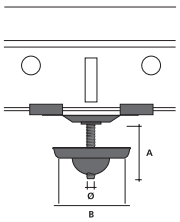


NLJHX16S

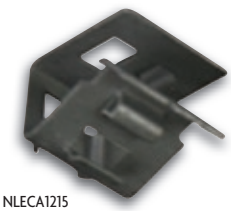
- For flush fastening of fixtures to T Bar systems.
- Scissor action.
- Complete with spin nut.
- Material finish NLJH155W F4 (white) NLJHX165 F8+.
- Pack of 25.

2 YR

Order Code	Model No.	Price - Pack 1 off	Dimensions (mm) Ø	A	B	Load (kg)
1051010222	NLJH15SW	£61.75	M6	15	15	22
1000008712	NLJHX16S	£55.15	M6	16	25	22



Girder Clips for Single Cables

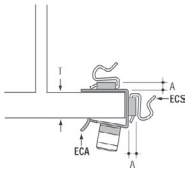


NLECA1215

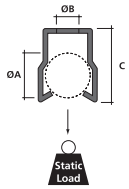
- Single cable girder clip adaptor.
- Material finish F8+.
- Pack of 25.
- Requires NLECS* edge/cable run clips - sold separately - see above.

2 YR

Order Code	Model No.	Price - Pack 1 off	Dimensions (mm) T	A
1051010220	NLECA1215	£20.98	12-15	2-4
1051010221	NLECA1520	£20.98	15-20	2-4



Snap-in Conduit/Pipe



- Snap-in mechanism for securing conduit quickly and easily.
- Material finish F8+.
- Pack of 25.

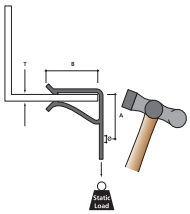
2 YR

Dimensions (mm) ØA	ØB	C	PG Type	Load (kg)	Order Code	Model No.	Price - Pack 1 off
18-22	6.5	33	11/13.5/16	11	1000017888	NLJM1825	£23.10

NLJM1825



Horizontal Flange



- For suspension from horizontal flanges of chain, wire, etc.
- Material finish F8+.
- Pack of 25.

2 YR

Dimensions (mm) T	Ø	A	B	Load (kg)	Order Code	Model No.	Price - Pack 1 off
1.5-3	6.5	16	12.5	72	1000017889	NLAH153	£19.08
3-8	6.5	18	20.3	90	1000017896	NLAH38	£21.56
8-14	6.5	26	20.3	90	1000017895	NLAH814	£22.52
14-20	6.5	30	26.6	90	1000017881	NLAH1420	£24.13

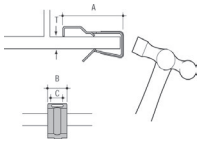
NLAH814



NLAH153



Girder Clip/Cables



- Hammer on girder clip for use with multiple cable runs.
- Material finish F8+.
- Pack of 25.

2 YR

Dimensions (mm) T	A	B	C	Order Code	Model No.	Price - Pack 1 off
3-10	52	16	10	1051010215	NLGH310	£25.69
10-18	52	16	10	1051010216	NLGH1018	£26.68

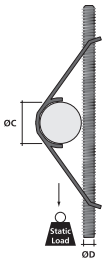
NLGH310



For cable ties see page 202

Support

DIAGRAM 1



- Supports conduit at right angles to flange or threaded rod.
- Material finish F8+.
- Pack of 25.

2 YR

Diagram 1 - Threaded Rod Mount

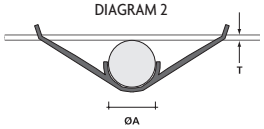
Dimensions (mm) ØC	ØD	Load (kg)	Order Code	Model No.	Price - Pack 1 off
20 (max)	M6, M8, M10	22	1000017875	NLFM313T	£33.42
40 (max)	M6, M8, M10	22	1051010214	NLFM320T	£39.20

NLFM313T



Diagram 2 - Girder Mount

DIAGRAM 2



Reference Specifications

Dimensions (mm) T	ØA	Load (kg)	Model No.
3-5	16-25	45	NLFM313T
6-9	16-20	45	NLFM313T
9-13	16	45	NLFM313T
3-5	20-38	45	NLFM320T
6-9	20-35	45	NLFM320T
9-13	20-30	45	NLFM320T
13-16	20-25	45	NLFM320T
16-20	20	45	NLFM320T

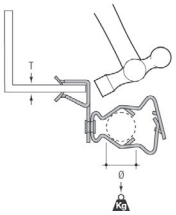
Horizontal Conduit



NLAH38A

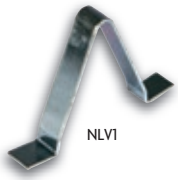
- 20mm and 25mm conduit.
- Rotating fixing.
- Material finish F8+.
- Pack of 25.

2 YR



Order Code	Model No.	Price - Pack 1 off	Dimensions (mm) T	Dimensions (mm) Ø	PG Type	Load (kg)
1000017890	NLAH38A	£61.31	3-8	19-26	13.5/16	12
1000017883	NLAH814A	£62.31	8-14	19-26	13.5/16	12

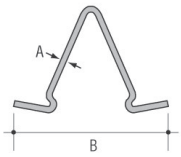
Chain Clips



NLV1

- Spring clip for hanging chain.
- Material finish F1.
- Fits 25mm diameter hole.
- Pack of 25.

2 YR



Order Code	Model No.	Price - Pack 1 off	Dimensions (mm) A	Dimensions (mm) B	Load (kg)
1051010223	NLV1	£32.21	1	50.8	8

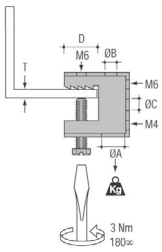
Master Clamp



NLFH107

- Flange clamp for use with threaded rod.
- Movable fixing facility.
- Material finish F8+.
- Pack of 25.

2 YR



Order Code	Model No.	Price - Pack 1 off	Dimensions (mm) T	ØA	ØB	ØC	D	Load (kg)
1051010191	NLFH107	£51.04	Max 18	10.7	10.7	6.5	19.5	45
1000017876	NLFH65	£47.86	Max 18	12.7	6.5	6.5	19.5	45

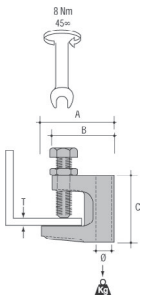
Heavy Duty Girder Clamp for Threaded Rod



NLFC10T

- Girder clamp for threaded rod.
- Material finish F1.
- Pack of 25.

2 YR



Order Code	Model No.	Price - Pack 1 off	Dimensions (mm) T	Ø	A	B	C	Load (kg)
1051010199	NLFC11	£107.88	Max 20	11	50	42	45	250
1051010200	NLFC10T	£111.48	Max 20	M10	50	42	45	250

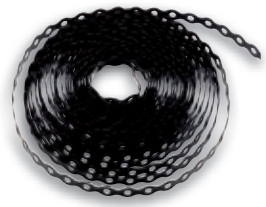
All Round Band

Order Code	Model No.	Coated	Width (mm)	Price - Each 1 off
1051015263	NLARBU12A	-	12	£12.52
1051015264	NLARBC12A	✔	12	£14.68
1051015266	NLARBC17A	✔	17	£18.46

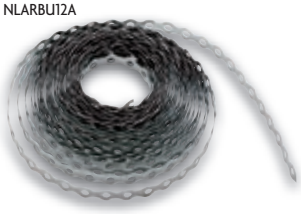
- Multi purpose banding used for general installation.
- Galvanised steel.
- Available uncoated or PVC coated (black).
- Supplied in 10M lengths in carton dispenser.

1 YR

NLARBC12A



NLARBU12A



Jack Chain

Order Code	Model No.	Size	Max. Static Load (kg)	Price - Each 1 off
1050317591	NL5101N	No. 8	31	£18.94
1050317593	NL5103N	No. 10	15	£12.78
1050317595	NL5105N	3mm*	6	£24.16

* 21mm welded oval link

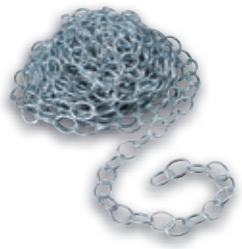
- Single link chain - ideal for suspending luminaires, trunking etc.
- Zinc finish.
- Supplied in 10M lengths.

CE

1 YR

For chain clips see page 132

NL5105N



NEW

LED BULKHEAD

SEE PAGE 44

All the benefits of a traditional bulkhead with LED technology for increased energy saving



Safety Lanyards

Falling or accidentally dropped tools still pose a significant risk of serious injury, death or damage in industry today. Regulations apply to all "work at height" where there is any possibility of a tool falling and causing personal injury, regardless of distance. The latest HSE regulation/legislation require tools to be tethered to prevent falling. Serious damage may also be caused if tools fall into machinery, stopping production.

Single Carabiner Tool Lanyard


NLPPECLSTD

- Stretch cord encased in strong tubular nylon webbing with silver mylar reflective thread.
- Tool loop has adjustable barrel lock which ensures secure fit.
- Aluminium carabiner for belt attachment.
- Maximum safe working capacity 4.5Kg (10lb).
- Colour black.

Order Code	Model No.	Length	Price - Each 1 off
1051049563	NLPPECLSTD	35" to 42"	£11.62

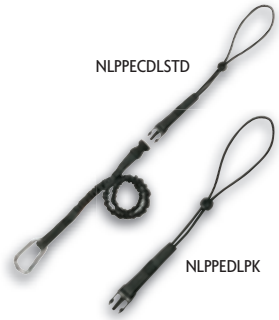
Dual Carabiner Tool Lanyard


NLPPEDCSTD

- Stretch cord encased in strong tubular nylon webbing with silver mylar reflective thread.
- Aluminium carabiner at either end for tool or belt attachment.
- Maximum safe working capacity 4.5Kg (10lb).
- Colour black.

Order Code	Model No.	Length	Price - Each 1 off
1051049565	NLPPEDCSTD	35" to 42"	£13.75

Single Carabiner Tool Lanyard Detachable


NLPPECDLSTD

NLPPEDLPK

- Stretch cord encased in strong tubular nylon webbing with silver mylar reflective thread.
- Aluminium carabiner for belt attachment.
- Tool loop supplied with quick release buckle for fast tool change.
- Tool loop has adjustable barrel lock which ensures secure fit.
- NLPPEDLPK supplied as a pack of 3 for use with NLPPECDLSTD.
- Colour black.

Order Code	Model No.	Length	Price - Each 1 off
1051049569	NLPPECDLSTD	35" to 42"	£12.65
Tool Loops - Pack of 3			
1051049571	NLPPEDLPK		£5.31

Wrist Tool Lanyard


NLPPEWCLXL

- Velcro wrist strap fastening.
- Tool loop has adjustable barrel lock which ensures secure fit.
- Maximum safe working capacity 0.9 Kg (2lb).
- Colour black.

Order Code	Model No.	Wrist Size	Price - Each 1 off
1051049568	NLPPEWCLXL	7" to 8 ½"	£3.70

Safety Helmet Lanyard


NLPPEHLC

- Easy release clip attachment.
- Colour high visibility green.
- Safety helmet not included.

Order Code	Model No.	Fitting	Price - Each 1 off
1051049573	NLPPEHLC	Clamp	£5.50

Catenary Wire Kit

Order Code	Model No.	Description	Price - Kit 1 off
1051012445	NLCWKIT1	Catenary Wire Kit	£30.59

- Catenary wire kit containing a selection of the most popular Newlec fixings plus 30M of 3mm Newlec wire.
- Kit includes:
  - NLCWSN wire tensioner x 1.
  - NLCWTN thimble x 2.
  - Hook plates x 2.
  - NLCWGN wire rope grips x 4.
  - NLCW30N catenary wire x 30M.

2 YR

For eye bolts see page 295



NLCWKIT1

Catenary Wire

Order Code	Model No.	Length (M)	Price - Each 1 off
1050317596	NLCW30N	30	£16.92
1050317597	NLCW50N	50	£26.77
1050317598	NLCW100N	100	£49.21

- 7 x 7 construction.
- Maximum recommended static load: 190kg.
- 3mm diameter.
- Galvanised mild steel.
- Supplied on a plastic drum.

2 YR



NLCW30N

Catenary Wire - Rope Grip 3mm

Order Code	Model No.	Price Per 10 10 off
1050317599	NLCWGN	£6.62

- Grips the return end of 3mm wire rope when in a loop.
- Galvanised finish.
- Supplied in multiples of 10.

2 YR



NLCWGN

Catenary Wire - Tensioner

Order Code	Model No.	Price - Each 1 off
1050317602	NLCWSN	£2.20

- With screw hook and eye (10mm diameter).
- Electro-galvanised finish.
- Expanded length: 245mm maximum.
- Minimum length: 155mm.

2 YR



NLCWSN

Catenary Wire - 2" Plate with Ring

Order Code	Model No.	Price - Each 1 off
1050317601	NLCWPN	£4.25

- Creates a firm anchor point, ideal for fastening and securing.
- Galvanised finish.
- Plate size: 50 x 50mm.

2 YR



NLCWPN

Catenary Wire - Thimble

Order Code	Model No.	Price Per 10 10 off
1050317600	NLCWTN	£3.83

- A rope eyelet creating a metal loop at the rope end to prevent wear and tear.
- Electro-galvanised finish.
- Wire rope diameter: 3mm.
- Supplied in multiples of 10.

2 YR

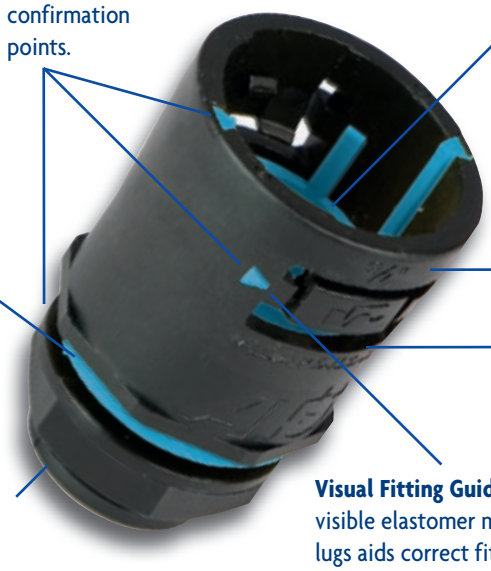


NLCWTN

Flexible Conduit Kits

The quick-fit and reliable IP68 fittings in the Newlec premium flexible conduit - nylon kits use a sophisticated moulding process to mould an internal conduit seal and a face seal washer. This makes installation times very fast, and extremely reliable, because the seals cannot be left out. The conduit system also benefits from the highest IP rating possible. **We have now introduced a range of straight and elbow IP68 nylon fittings available in both 20mm and 25mm sizes.**

QUICK-FIT AND RELIABLE IP68 FITTING



High Visibility Elastomer - 3 visible confirmation points.

Internal Elastomer Conduit Seal - guaranteed fit, cannot be lost or fitted incorrectly. No assembly required & protects cables.

Integral Face Seal Washer - guaranteed fit, cannot be lost or fitted incorrectly. No assembly required.

Conduit Data - conduit size clearly indicated on fitting.

Proven Clip Design - pitch independent, ensures secure fitment to coarse & fine pitch conduits.

Thread Data - thread size clearly indicated on fitting thread.

Visual Fitting Guides - highly visible elastomer markings on lugs aids correct fitment.

Flexible Conduit - IP68 Nylon Accessories

NLNY20ATSS



NLNY20ATSE

- Straight and 90° fittings are one piece quick-fit fittings.
- Integral face seal washer.
- Self extinguishing, halogen free.
- Fittings complete with locknuts.
- IP66, 67, 68 and 69k performance.
- Approval marks:

1 YR

Order Code	Model No.	Size (mm)	Description	Price - Each 1 off
1050390531	NLNY20ATSS	20	Straight Fitting IP68	£4.62
1050390529	NLNY20ATSE	20	90°Fitting IP68	£6.38
1050390532	NLNY25ATSS	25	Straight Fitting IP68	£5.84
1050390530	NLNY25ATSE	25	90° Fitting IP68	£7.95

Premium Flexible Conduit - Nylon Kit





NLNY20KITP

- Kit includes:
  - 10M flexible nylon conduit.
  - 10 straight one piece quick fit fitting and locknuts.
  - Quick removal tool for fittings.
  - 10 conduit clips.
- Self extinguishing, halogen free conduit and fittings.
- Oil & UV resistant.
- IP66, 67, 68 & 69k performance.
- Approval marks:

1 YR

Order Code	Model No.	Size (mm)	Description	Colour	Price - Each 1 off
1052025478	NLNY20KITP	20	Conduit Kit	Black	£47.63
1052025479	NLNY25KITP	25	Conduit Kit	Black	£63.70

Flexible Conduit - Nylon Accessories

Order Code	Model No.	Size (mm)	Description	Price - Each 1 off
1050151031	NLNY20AF	20	90° Fitting	£4.23
1000008982	NLNY20SF	20	Straight Fitting	£2.69
1000008983	NLNY20CCB	20	Conduit Clip - Pack 10	£7.68
1050151032	NLNY25AF	25	90° Fitting	£5.82
1000008984	NLNY25SF	25	Straight Fitting	£3.17
1000008985	NLNY25CCB	25	Conduit Clip - Pack 10	£8.76

- Self extinguishing, halogen free.
- Fittings complete with locknuts.
- Straight fittings are not one piece quick fit as the premium flexible nylon kit.
- IP66 fittings.

CE

1 YR



NLNY20SF

Premium Flexible Conduit - Steel/PVC Kit

Order Code	Model No.	Size (mm)	Description	Colour	Price - Kit 1 off
1052025480	NLSP20KITP	20	Conduit Kit	Black	£98.76

- Kit includes:
  - 10M flexible PVC covered steel conduit.
  - 5 x 'A' fittings (fixed external thread).
  - 5 x 'B' fittings (swivel external thread).
  - 10 P-clips.
- Versatile fittings for installation into knockouts using a locknut, or into threaded entries.
- Excellent crush & tensile strength.
- Excellent chemical & UV resistance.
- Fittings complete with locknuts.
- IP54.

CE

1 YR



NLSP20KITP

Flexible Conduit - Steel/PVC Accessories

Order Code	Model No.	Size (mm)	Description	Price - Each 1 off
1050151034	NLSP20SSF	20	Straight Swivel Fitting	£8.20
1050151033	NLSP20SFF	20	Straight Fixed Fitting	£6.95
1000008979	NLPVC20CCB	20	PVC Conduit Clip - pack of 10	£19.49

- IP54 fittings.

CE

1 YR



NLSP20SFF

Flexible Conduit & Accessories - Grey PVC

Order Code	Model No.	Size (mm)	Description	Colour	Price - Each 1 off
1000008972	NLPVC20KIT	20	Conduit Kit	Grey	£24.56
1000008978	NLPVC20SF	20	Straight Fitting	Grey	£2.07
1000008979	NLPVC20CCB	20	Conduit Clip - Pack 10	Grey	£19.49
1000008973	NLPVC25KIT	25	Conduit Kit	Grey	£39.87
1000008980	NLPVC25SF	25	Straight Fitting	Grey	£3.63

- Kit includes:
  - 10M flexible PVC conduit.
  - 10 straight fittings and locknuts.
- Self extinguishing.
- IP54.

CE

1 YR



Flexible Conduit - White PVC Kit

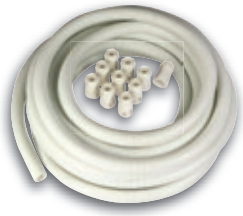
Order Code	Model No.	Size (mm)	Description	Colour	Price - Kit 1 off
1052025475	NLPVC20KITWH	20	Conduit Kit	White	£33.95
1052025476	NLPVC25KITWH	25	Conduit Kit	White	£35.30

- Kit includes:
  - 10M flexible PVC conduit.
  - 10 straight one piece quick fit fittings and locknuts.
- Self extinguishing.
- IP54.

CE

1 YR

For fish tapes see page 110



Floorbox - 3 Compartment

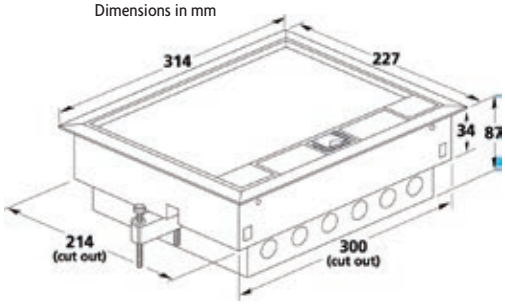
- Installation is via twin securing clamp mechanism - simple to operate and adjust to suit a range of floor panel and compressed carpet heights from 20 to 50mm.
- Turn around lid with snap-out feature.
- Lid recess 6mm for carpet/other floor finish.
- The recessed lid caters for a wide range of carpet thicknesses, while the substantial steel plate within the lid easily withstands the working loads of the MOB PF2 PS/SPU March 1992 specification for raised floors.
- Each compartment has multiple 20mm and 25mm knockouts.
- Dividers are fitted but easily removed.
- Standard 87mm depth provides a generous accessory plate to lid height.
- Large range of accessory plates are available (87mm x 173mm).
- Floor aperture template dimensions: 215mm x 305mm.
- NLFB1N supplied complete with the following accessories:
  - Plate to accept 1 x 2G standard accessory.
  - Plate to accept 4 x RJ45s.
  - Blank panel.

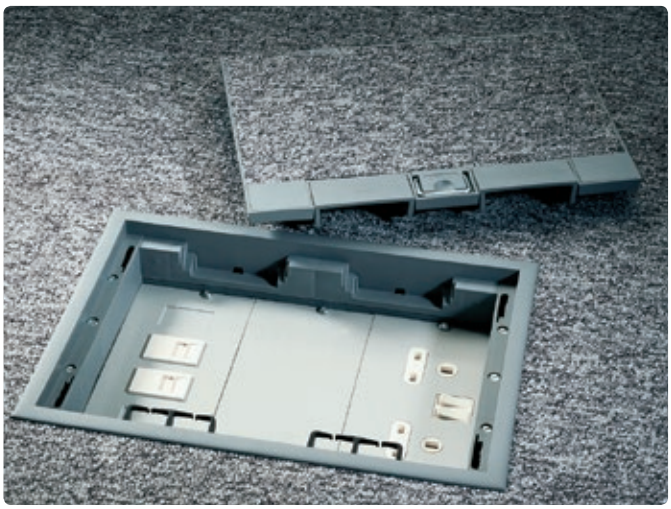
- 2 gang accessory and 4 x RJ45s not included.

Order Code	Model No.	Price - Each 1 off
Cavity Floor Box + Accessory Plates		
1050152920	NLFB1N	£70.44
Cavity Floor Box (Empty)		
1050152921	NLFB2N	£56.61

1 YR

Dimensions in mm





Floorbox - Accessories

1 Gang Accessory Plate
- To accept 2 x 1G standard accessory.

2 Gang Accessory Plate
- To accept 1 x 2G standard accessory.

Outlet Plate
- To accept 4 x RJ45 6C (25 x 38mm modules).

Twin Socket Outlet Plate
- Complete with 1 x twin switched socket outlet.
- Twin earth socket complies with 607-02-07 IEE Wiring Regulations.

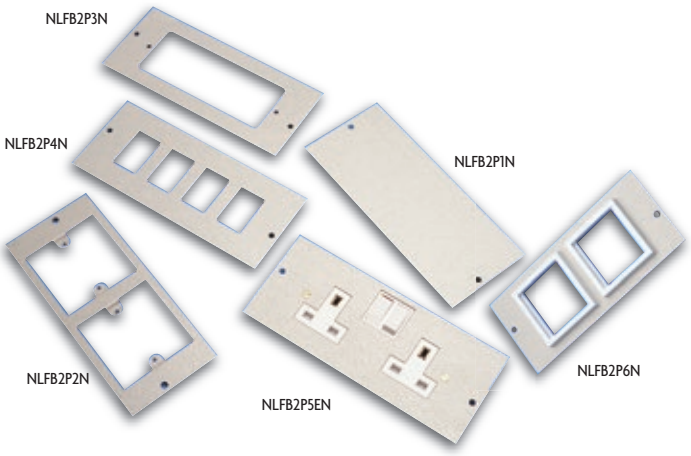
Data Outlet Plate
- To accept 2 x Euro modules or 4 x RJ45 (25 x 50mm modules).

Order Code	Model No.	Description	Price - Each 1 off
1050152923	NLFB2P2N	2 x 1 Gang Accessory Plate	£4.99
1050152924	NLFB2P3N	1 x 2 Gang Accessory Plate	£5.15
1050152925	NLFB2P4N	4 x RJ45 Outlet Plate (25 x 38mm Mod)	£4.35
1050152926	NLFB2P5EN	Twin Socket Outlet Plate	£16.19
1050152927	NLFB2P6N	2 x Euro Mod/4 x RJ45 Data Outlet Plate (25 x 50mm Mod)	£9.38
1050152922	NLFB2PIN	Blank Plate	£4.35

For Cat 5e and Cat 6 data modules see page 209

Type 6C data modules are suitable for use with NLFB2P4N outlet plates.

1 YR



Panel Trunking

Order Code	Model No.	Dimensions W x H (mm)	Price - Each 1 off
1050152848	NLCPT1	25 x 40	£4.60
1050152849	NLCPT2	25 x 60	£6.53
1050152851	NLCPT4	40 x 40	£5.92
1050152852	NLCPT5	40 x 60	£8.40
1050152853	NLCPT6	40 x 80	£10.61
1050152854	NLCPT7	50 x 50	£6.98
1050152856	NLCPT9	60 x 80	£12.45
1050152857	NLCPT10	80 x 80	£15.59
1050152860	NLCPT13	100 x 100	£37.85

- Open slot panel trunking manufactured from rigid anti-shock plastic.
- Complete with lid.
- Grey RAL 7030.
- Fingers easily removed to accommodate larger cable sizes.
- Base holes slotted to DIN 43659, CE123-22.
- Flame and combustion resistant to DIN 4102 and ASTMD 635.
- 2M lengths.

1 YR



Grommet Strip

Order Code	Model No.	Length (M)	Price - Each 1 off
1051043277	NLGROMSTRIP3	25	£17.55

- Flexible 'U' design to line irregular shaped holes through panels or bulkheads to prevent chafing of cables and pipes.
- For use on panels with thickness ranging from 0.4 - 1.3mm.
- Made from highly flexible polyethylene.



NLGROMSTRIP3

Spiral Binding

Order Code	Model No.	Min/Max Bundle Diameter (mm)	Colour	Price - Pack 1 off
1050362968	NLCSB1NE	4.8-50	Neutral	£7.64
1050362969	NLCSB1BL	4.8-50	Black	£7.64
1050362970	NLCSB2NE	9.5-100	Neutral	£9.38
1050362971	NLCSB2BL	9.5-100	Black	£9.38

- Ideal for tidying and grouping cables.
- Re-usable.
- Polythene.
- -60° to +90°C working temperature.
- Packed in 5M lengths.

1 YR

NLCSB2NE



NLCSB1BL



Split Cable Cover

Order Code	Model No.	Size (mm)	Colour	Price - Pack 1 off
1050362955	NLSCC1B	20	Black	£9.98
1050362957	NLSCC2B	25	Black	£12.96

- Allows easy access to the cable at any point.
- Quick, easy installation.
- Can be used to wrap and cover wires, cables and hoses.
- Flame retarded PA6 material.
- Working temperature -40° to +90°C.
- UL94VO.
- Packed in 2M lengths complete with applicator.

1 YR



NLSCC1B



Step 1

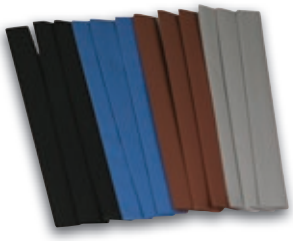


Step 2



Step 3

Heat Shrink Multipack



- Each pack contains the following colours:
  - Blue
  - Black
  - Brown
  - Grey
- Standard grade polyolefin.
- 2:1 shrink ratio.
- Longitudinal shrinkage: 5% max.
- Shrinks at comparatively low temperature of 100°C.
- Operating temperature -55°C to 125°C.
- Self extinguishing.
- 250mm lengths.

1 YR

Order Code	Model No.	No. of Lengths per colour per pack	Pre Shrink Diameter (mm)	Price - Pack 1 off
1052029331	NLSP6EU	3	6.4	£10.68
1052029332	NLSP12EU	3	12.8	£14.77
1052029333	NLSP19EU	2	19.1	£18.18
1052029334	NLSP25EU	2	25.4	£24.57

Braided Sleeving

NLCBS15G



NLCBS15B

- Robust sleeving to protect cables from abrasion.
- Polyester.
- Working temperature -50°C to +150°C.
- Melting point 256°C.
- Conforms to UL94 flammability class V2.
- Halogen free.
- Packed in 10M lengths.

N.B. Cut ends to be fused.

1 YR

Order Code	Model No.	Colour	Diameter (mm) Min	Diameter (mm) Max	Price - Pack 1 off
1050362958	NLCBS5G	Grey	3	9	£9.87
1050362959	NLCBS5B	Black	3	9	£9.87
1050362962	NLCBS15G	Grey	10	21	£16.73
1050362963	NLCBS15B	Black	10	21	£16.73
1050362966	NLCBS40G	Grey	30	55	£36.11
1050362967	NLCBS40B	Black	30	55	£36.11

Sleeving - PVC

NLB4NH



NLBRN4NH

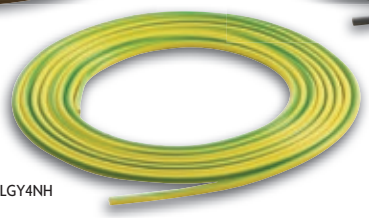


NLGR4NH





NLBL4NH



NLGY4NH

- Manufactured to BS 2848 Type 3 Class 85T.
- For cable identification.
- Packed in 100M lengths.

CE

1 YR

Order Code	Model No.	Colour	Bore Diameter	Price - Pack 1 off
1050331971	NLB4NH	Black	4mm	£19.55
1050331973	NLBL3NH	Blue	3mm	£16.04
1050331974	NLBL4NH	Blue	4mm	£19.55
1050331976	NLBRN3NH	Brown	3mm	£16.04
1050331977	NLBRN4NH	Brown	4mm	£19.55
1050335112	NLGR4NH	Grey	4mm	£19.55
1050331978	NLGY2NH	Green/Yellow	2mm	£12.34
1050331979	NLGY3NH	Green/Yellow	3mm	£16.04
1050331980	NLGY4NH	Green/Yellow	4mm	£19.55
1050331981	NLGY5NH	Green/Yellow	5mm	£24.20

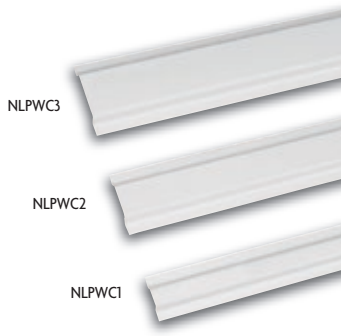
Channel Capping - UPVC White

Order Code	Model No.	Width (mm)	Price - Length 1 off
1050152167	NLPWC1	12	£1.73
1050152168	NLPWC2	25	£2.08
1050152169	NLPWC3	38	£3.96

- Wall thickness: 0.9mm.
- White UPVC.
- 2M length.

1 YR

For capping nails see page 302



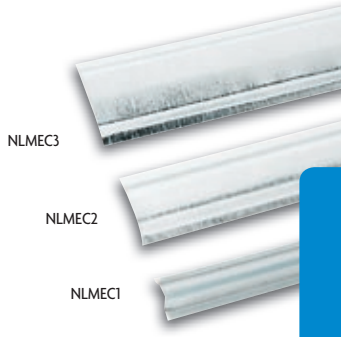
Channel Capping - Metal

Order Code	Model No.	Width (mm)	Price - Length 1 off
1050152302	NLMEC1	12	POA
1050152303	NLMEC2	25	POA
1050152304	NLMEC3	38	POA

- Galvanised finish.
- 2M length.

1 YR

For capping nails see page 302



Cable Protectors - Rubber

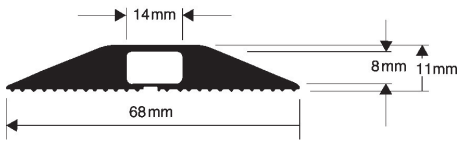
Order Code	Model No.	Aperture Size (mm)	Price - Each 1 off
1050152166	NLCP1	14 x 8	£104.14
1050152165	NLCP2	30 x 10	£147.14

- Tested for non conductivity to BS903-C5 500V.
- Low smoke, non toxic and low fume emission levels in the event of fire.
- Fire retardant to BS 476 Part 7 Class 3 and European equivalent DIN 4102 Part 1 and Class B1.
- UV stabilised for extended outdoor life.
- Colour: Black.
- Supplied in 9M coils.

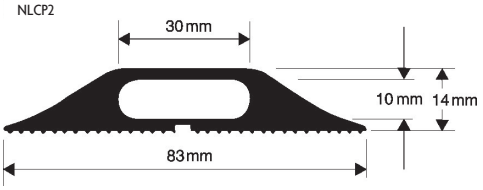
1 YR



NLCP1



NLCP2



Dado Trunking - 3 Compartment - CAT 6 Compliant

The CAT 6 compliant trunking system combines superior performance and fast fixing with affordability. Supplied fully assembled, it comprises of a three compartmental trunking with each compartment having a separate cover, with the bases pre-drilled for easy yet accurate fixing. The dado trunking has an extensive range of accessories allowing various configuration permutations and can be surface mounted at dado height or mounted vertically. It is also compatible with the existing range of Newlec wiring accessories.

- Fully CAT 6 compliant PVCu 3 compartment dado trunking.
- Easy to install.
- Improved curved aesthetic.
- Easy clean.
- Durable and impact resistant.
- One piece CAT 6 compliant corners.
- Pre-drilled trunking base.
- 25mm and 35mm deep 1 & 2 gang outlet boxes available.
- Designed to accommodate a range of wiring accessories.
- Manufactured from 90% recycled PVCu.
- Made in accordance with BS EN50085, BS 4679, BS 61386 and BS 4662 where relevant.

Dado Trunking - 3 Compartment



- PVCu 3 compartment trunking.
- Supplied assembled (base & 3 covers, back box for illustration only).
- Pre-drilled trunking base.
- Snap-on covers.
- 170 x 50mm.
- 3M length.

5 YR

Order Code	Model No.	Description	Price - Length 1 off
1052051427	NLPPTS1COMP	Dado Trunking 3 Compartment	£102.18

Dado Trunking - 3 Compartment

NLPPTSTLL



NLPPTSFAL



NLPPTSLIC6



NLPPTSLEC6



NLPPTS97



NLPPTSLS



NLPPTS11



NLPPTS12



Order Code	Model No.	Description	Price - Each 1 off
1052051439	NLPPTSTLL	Flat Tee	£107.18
1052051438	NLPPTSFAL	Flat Elbow	£93.55
1052051431	NLPPTSLIC6	Internal Corner CAT 6	£26.89
1052051430	NLPPTSLEC6	External Corner CAT6	£29.10
1052051432	NLPPTS97	Jointing Cover	£5.41
1052051433	NLPPTSLS	End Cap (Set of Right and Left Hand Pair)	£14.72
1052051435	NLPPTS12	Cable Retainer Centre	£1.32
1052051434	NLPPTS11	Cable Retainer Top/Bottom	£1.63
1052051436	NLPPTS6025	One Gang Accessory Box - 25mm	£5.07
1052051437	NLPPTS7025	Two Gang Accessory Box - 25mm	£5.97
1052051441	NLPPTS6035	One Gang Accessory Box - 35mm	£5.48
1052051442	NLPPTS7035	Two Gang Accessory Box - 35mm	£6.42

5 YR For Newlec white moulded wiring accessories see pages 148 - 152

NLPPTS6025



NLPPTS7025



NLPPTS6035



NLPPTS7035



PVC Surface Boxes

NLMTA51



NLMTA61



- For use in conjuction with minitrunking.
- 1 gang has two entries (top & bottom).
- 1 gang - fixing centres 60.3mm.
- 2 gang three entries (top & both sides).
- 2 gang - fixing centres 120.6mm.
- BS4662 & BS5733 where applicable.

1 YR

Order Code	Model No.	Size (mm)	Type	Depth (mm)	Price - Each 1 off
Square Corners					
1052051452	NLMTA50	86 x 86	1 Gang	25	£11.67
1052051453	NLMTA51	86 x 146	2 Gang	25	£20.83
Round Corners					
1051042711	NLMTA60	86 x 86	1 Gang	25	£11.67
1051042712	NLMTA61	86 x 146	2 Gang	25	£20.83

- A single compartment PVC-U mini trunking system, with a variety of fittings to navigate all turns and box adaptors.
- Range of integrated components maximises versatility of application.
- Unobtrusive and neat.
- Easy to assemble and install.
- Durable and impact resistant.
- Available in self adhesive.
- Meets BS EN 50085-1: 1999.

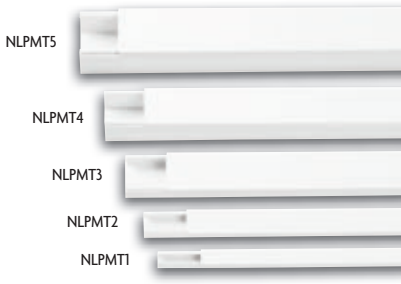
Mini Trunking

Order Code	Model No.	Size (mm)	Price - Length 1 off
Standard			
1000017805	NLPMT1	16 x 16	£5.45
1000017806	NLPMT2	25 x 16	£6.39
1000017807	NLPMT3	40 x 25	£9.95
1000017808	NLPMT4	40 x 40	£15.64
1000017809	NLPMT5	50 x 50	£35.04
Self Adhesive			
1000017810	NLPMTS1	16 x 16	£8.43
1000017811	NLPMTS2	25 x 16	£12.12

- 3M length.
- Supplied with lid.
- Colour: White.

1 YR

For trunking cutter see page 283

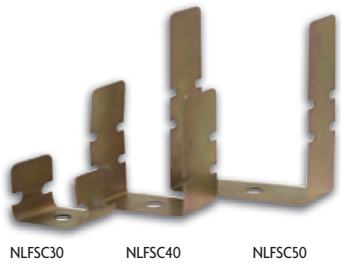


Fire Clips

- Can securely hold bundles of cables on a surface at 930°C for 2 hours.
- Manufactured to satisfy Amendment 3 legislation requirements to secure all surface cables in escape routes.
- Can fit most traditional PVC trunking from 25mm to 50mm wide.
- Easy to install, fold over tabs secure cable.
- Manufactured to BS 5839-1.

Amendment 3 Compliant

Order Code	Model No.	Clip Width (mm)	Max Trunking Width (mm)	Pack Quantity	Price - Pack 1 off
1050344939	NLFSC30	23	30	100	£52.56
1051088408	NLFSC40	31	40	50	£39.18
1051088409	NLFSC50	46	50	50	£47.27

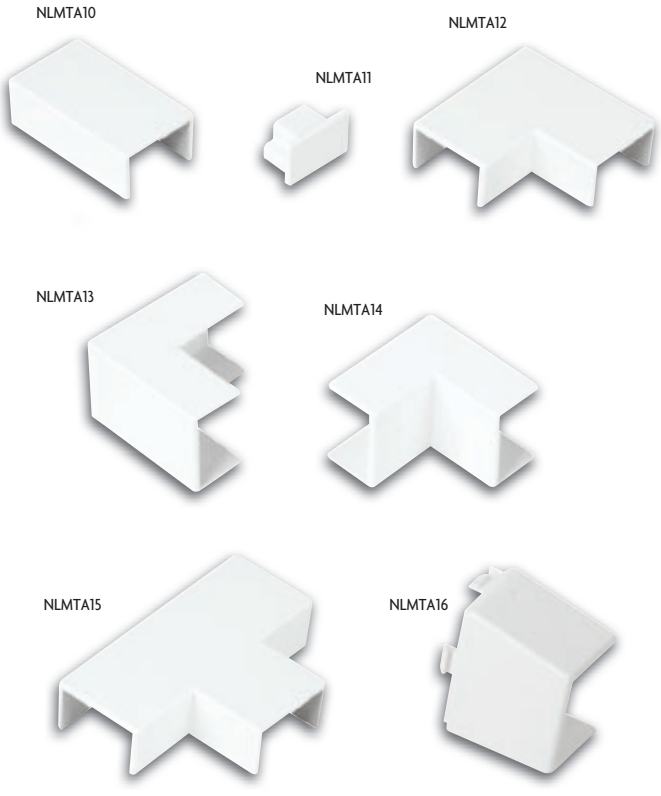


For fire resistant fixings see page 298

Mini Trunking - Accessories

Order Code	Model No.	Size (mm)	Description	Price - Each 1 off
1000017812	NLMTA1	16 x 16	External Coupler	£2.06
1000017813	NLMTA2	16 x 16	End Cap	£1.75
1000017814	NLMTA3	16 x 16	90° Flat Angle	£1.50
1000017815	NLMTA4	16 x 16	90° External Angle	£1.50
1000017816	NLMTA5	16 x 16	90° Internal Angle	£1.50
1000017817	NLMTA6	16 x 16	Flat Tee	£2.51
1000017818	NLMTA10	25 x 16	External Coupler	£2.06
1000017819	NLMTA11	25 x 16	End Cap	£2.06
1000017820	NLMTA12	25 x 16	90° Flat Angle	£1.50
1000017821	NLMTA13	25 x 16	90° External Angle	£1.50
1000017822	NLMTA14	25 x 16	90° Internal Angle	£1.50
1000017823	NLMTA15	25 x 16	Flat Tee	£2.51
1052051447	NLMTA16	25 x 16	Adaptor	£1.42
1000017824	NLMTA20	40 x 25	Internal Coupler	£2.92
1000017825	NLMTA21	40 x 25	End Cap	£2.08
1000017826	NLMTA22	40 x 25	90° Flat Angle	£3.75
1000017827	NLMTA23	40 x 25	90° External Angle	£3.75
1000017828	NLMTA24	40 x 25	90° Internal Angle	£3.75
1000017829	NLMTA25	40 x 25	Flat Tee	£4.01
1000017830	NLMTA30	40 x 40	Internal Coupler	£2.92
1000017831	NLMTA31	40 x 40	End Cap	£2.51
1000017832	NLMTA32	40 x 40	90° Flat Angle	£4.59
1000017833	NLMTA33	40 x 40	90° External Angle	£4.59
1000017834	NLMTA34	40 x 40	90° Internal Angle	£4.59
1000017835	NLMTA35	40 x 40	Flat Tee	£4.97
1000017836	NLMTA40	50 x 50	External Coupler	£8.47
1000017837	NLMTA41	50 x 50	End Cap	£3.86
1000017838	NLMTA42	50 x 50	90° Flat Angle	£11.21
1000017839	NLMTA43	50 x 50	90° External Angle	£10.62
1000017840	NLMTA44	50 x 50	90° Internal Angle	£10.62
1000017841	NLMTA45	50 x 50	Flat Tee	£13.83

1 YR



PVC Conduit

- PVC-U conduit offers a cost-effective solution for both new and refurbishment installations. The conduit is available in oval sections and in 2 grades of round section, light and heavy duty. A range of fittings and ancillary products means that almost any installation can be specified for with confidence.

- Range of sections and sizes.
- Simple and fast installation.
- Range of components, fittings, circular boxes and accessory boxes maximises versatility of application.
- Durable and impact resistant.
- Meets BS EN 50085-1: 1999.

Conduit - PVC Oval



NLOC2

- Material - PVC-U.
- Colour: White.
- 3M length.
- Manufactured in accordance with BS 4607 Part 5.

1 YR

Order Code	Model No.	Size (mm)	Price - Length 1 off
1000017802	NLOC1	16 x 10	£1.93
1000017803	NLOC2	22.5 x 11	£2.76
1000017804	NLOC3	29 x 11	£4.14

Conduit - PVC Round



NLPRC1

NLPRC5

- Available in light and heavy gauge.
- 3M length.
- Manufactured in accordance with BS 4607 and BS 6099.

1 YR

For fire resistant saddles see page 145

Order Code	Model No.	Size (mm)	Gauge	Colour	Price - Length 1 off
1000017751	NLPRC1	20	Light	White	£3.53
1000017752	NLPRC2	25	Light	White	£5.07
1000017753	NLPRC3	20	Heavy	White	£3.88
1000017754	NLPRC4	25	Heavy	White	£5.45
1000017755	NLPRC5	20	Heavy	Black	£4.98
1000017756	NLPRC6	25	Heavy	Black	£6.39

Bending Spring



NLRCABS25MM

NLRCABS20MM

- Heavy gauge 20mm and 25mm bending springs suitable for bending Newlec PVC round conduit.

Order Code	Model No.	Size (mm)	Price - Each 1 off
1052051448	NLRCABS20MM	20	£16.15
1052051449	NLRCABS25MM	25	£21.40

Fish Tape



NLSFT



NLNFT

Spring Steel

- Made from flexible spring steel with plastic holder.
- Width 3.2mm and 1.6mm thickness.
- 50ft long - approx 15M.

Nylon

- Fish tape (20M) made from 3mm diameter nylon cord with brass looped end.
- For easy feeding of electrical cable through conduit tube.
- Non-conductive and non-corroding.
- Low friction smooth service.

1 YR

Order Code	Model No.	Price - Each 1 off
Spring Steel		
1050153069	NLSFT	£25.82
Nylon		
1051042698	NLNFT	£11.13

PVC Cutter



NLM42

- Ratchet mechanism - fast clean cut!
- Stainless steel cutting blade.
- Clean cut every time - no burred edges or mess.
- Will cut round PVC conduit up to 32mm diameter.
- Will cut flat PVC mini trunking using the mitre.

Order Code	Model No.	Price - Each 1 off
1051054850	NLM42	£45.43

Fire Resistant Spacer Bar Saddles

- Easy to install, direct surface mount.
- Fire rated to 930°C for 120 minutes to BS 8434-2.
- Helps prevent cable collapse in fire situations to satisfy chapter 52 Amendment 3 compliance.
- Available for use with either 20 or 25mm conduit tube.
- Fully RoSH compliant.
- Zinc plated metal, white colour finish matched to suit most UK systems.
- Manufactured to BS7671.

Amendment 3 Compliant

Order Code	Model No.	Conduit Size (mm)	Colour	Price - Each 1 off
1051088649	NLRCA10FR	20	White	£1.45
1051088650	NLRCA40FR	25	White	£1.80



For fire resistant fixings see page 298

Conduit - PVC Round Accessories

1 YR

Order Code	Model No.	Size (mm)	Description	Colour	Price - Each 1 off
1000017757	NLRCA10	20	Spacer Bar Saddle	White	£1.17
1000017758	NLRCA11	20	Spacer Bar Saddle	Black	£1.20
1000017759	NLRCA12	20	Snap-Lock Spacer Saddle	White	£1.21
1000017760	NLRCA13	20	Snap-Lock Spacer Saddle	Black	£1.21
1000017761	NLRCA14	20	Male Adaptor	White	£1.21
1000017762	NLRCA15	20	Male Adaptor	Black	£1.21
1000017763	NLRCA16	20	Female Adaptor	White	£1.31
1000017764	NLRCA17	20	Female Adaptor	Black	£1.31
1000017765	NLRCA18	20	Straight Coupler	White	£1.17
1000017766	NLRCA19	20	Straight Coupler	Black	£1.17
1000017767	NLRCA20	20	Terminal Box	White	£3.30
1000017768	NLRCA21	20	Terminal Box	Black	£3.30
1000017769	NLRCA22	20	Through Box	White	£3.89
1000017770	NLRCA23	20	Through Box	Black	£3.89
1000017771	NLRCA24	20	Angle Box	White	£4.03
1000017772	NLRCA25	20	Angle Box	Black	£4.03
1000017773	NLRCA26	20	Tee Box	White	£3.72
1000017774	NLRCA27	20	Tee Box	Black	£3.72
1000017775	NLRCA28	20	Snap-Lock Inspection Elbow	White	£3.04
1000017776	NLRCA29	20	Snap-Lock Inspection Elbow	Black	£3.04
1000017778	NLRCA30	20	Bend c/w Coupling	White	£5.43
1000017779	NLRCA31	20	Bend c/w Coupling	Black	£5.43
1000017782	NLRCA40	25	Spacer Bar Saddle	White	£1.29
1000017783	NLRCA41	25	Spacer Bar Saddle	Black	£1.29
1000017784	NLRCA42	25	Snap-Lock Spacer Saddle	White	£1.22
1000017785	NLRCA43	25	Snap-Lock Spacer Saddle	Black	£1.22
1000017786	NLRCA44	25	Female Adaptor	White	£1.41
1000017787	NLRCA45	25	Female Adaptor	Black	£1.41
1000017788	NLRCA46	25	Male Adaptor	White	£1.43
1000017789	NLRCA47	25	Male Adaptor	Black	£1.43
1000017790	NLRCA48	25	Straight Coupler	White	£0.97
1000017791	NLRCA49	25	Straight Coupler	Black	£0.97
1000017792	NLRCA50	25	Terminal Box	White	£4.54
1000017793	NLRCA51	25	Terminal Box	Black	£4.54
1000017794	NLRCA52	25	Through Box	White	£4.96
1000017795	NLRCA53	25	Through Box	Black	£4.96
1000017796	NLRCA54	25	Angle Box	White	£4.96
1000017797	NLRCA55	25	Angle Box	Black	£4.96
1000017798	NLRCA56	25	Tee Box	White	£5.33
1000017799	NLRCA57	25	Tee Box	Black	£5.33
1000017800	NLRCA58	25	Bend c/w Coupling	White	£6.00
1000017801	NLRCA59	25	Bend c/w Coupling	Black	£6.00
1000017780	NLRCA32	-	Circular Lid	White	£1.14
1000017781	NLRCA33	-	Circular Lid	Black	£1.14



PVC Surface Boxes

Order Code	Model No.	Size (mm)	Type	Depth	Price - Each 1 off
Square Corners					
1052051450	NLRCA60	86 x 86	1 Gang	32	£3.89
1052051451	NLRCA61	86 x 146	2 Gang	32	£7.62
Round Corners					
1051042709	NLRCA70	86 x 86	1 Gang	32	£3.51
1051042710	NLRCA71	86 x 146	2 Gang	32	£6.94

- For use in conjuction with 20mm PVC conduit.
- 1 gang has one 20mm round knockout.
- 1 gang fixing centre 60.3mm.
- 2 gang has one 20mm round and one mini trunking entry.
- 2 gang fixing centres 120.6mm.
- BS 4662 and BS5733 where applicable.

1 YR



TAKE CONTROL OF HEATING COSTS

The Newlec electric radiator is a stylish, cost effective direct replacement for panel convector and storage heaters, providing controlled heating on a room by room basis. With simple, intuitive controls and a five year guarantee, they offer the perfect replacement heating solution.



- Typical energy savings of 40% against traditional panel heaters
- Highly accurate thermostat +/- 0.1°C for increased energy savings and comfort
- Comfort, economy and frost protection modes



TICKS THE BOX EVERY TIME

Exclusive electrical products for professionals

Newlec®



Wiring Accessories

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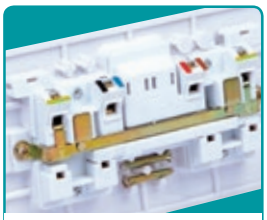
Slimline White Moulded Wiring Accessories

The range of Newlec Slimline Wiring Accessories is designed for ease of installation for both new and retrofit applications. Installation is helped via colour coded terminals while larger profile plates reduce the need for additional decorating when retrofitting.

Smooth lines and subtle curves combine with ultra slim plates that are aesthetically pleasing, whether at home or in the office.



All products in the range share the same ultra slim profile



Large colour coded inline angled terminals enable easy identification and termination



Slim size neon indicators improve appearance



Screw cap covers for hiding fixing screws



Tactile switch action for easier operation

Socket Outlets



NLSL8300/2

- Inline terminals to aid installation.
- Colour coded terminals to aid cable identification and termination.
- Two earth terminals for high integrity applications.
- Slim back projection to aid retrofitting.
- Double pole switch option.
- Manufactured to BS 1363.

20 YR

Order Code	Model No.	Type	Description	Min Box Depth (mm)	Pack Qty	Price - Each 1 off
1051011678	NLSL8300/1	1 Gang	Switched	25	10	£4.45
1051011677	NLSL8300/2	2 Gang	Switched	25	5	£5.96
1051011679	NLSL8300/1DP	1 Gang	Switched - DP	25	10	£6.56
1051011680	NLSL8300/2DP	2 Gang	Switched - DP	25	5	£8.24
1051011681	NLSL8300/1US	1 Gang	Unswitched	25	10	£4.26
1051011682	NLSL8300/2US	2 Gang	Unswitched	25	5	£8.17

Socket Outlet - RCD Protected Twin Switched Socket



NL8300/S2RCD

- 250V AC voltage rating.
- 30mA rated tripping current.
- Tripping speed 40 milli-seconds.
- Max load 3120 Watts/240V AC.
- Colour coded terminals.
- Manufactured to BS 7288:1990.

10 YR

Mechanically Latched

Order Code	Model No.	Description	Min. Box Depth (mm)	Price - Each 1 off
1052048821	NL8300/S2RCD	13A RCD Twin Switched Socket	35	£69.33

Single 13A Switch Sockets with Twin USB Charger



NLSL8300/S1USB

- 2 x Type A USB Socket 2.1A Total Output 5V.
- 35mm back box required as standard, retrofit to 25mm back box with optional 10mm spacer supplied.
- Ideal for charging iPad, iPhone, tablets, mobiles and cameras.
- Manufactured to BS 5733 and BS EN 60950.

30 YR

Order Code	Model No.	Description	Min. Box Depth (mm)	Price - Each 1 off
1051086811	NLSL8300/S1USB	1 Gang Switched + 2 x USB	35*	£41.41

* 25mm using spacer supplied

Double 13A Switch Sockets with Twin USB Charger



NLSL8300/S2USBA

- 2 x Type A USB Socket 2.1A Total Output 5V.
- Fits 25mm back box.
- Easy to retrofit.
- Ideal for charging iPad, iPhone, tablets, mobiles and cameras.
- Manufactured to BS 5733 and BS EN 60950.

30 YR

Order Code	Model No.	Description	Min. Box Depth (mm)	Price - Each 1 off
1051086810	NLSL8300/S2USBA	2 Gang Switched + 2 x USB	25	£46.03

Plate Switches

Order Code	Model No.	Type	Min. Box Depth (mm)	Pack Qty	Price - Each 1 off
1051011683	NLSL8310/11	1 Gang 1 Way	16	10	£1.66
1051011684	NLSL8310/12	1 Gang 2 Way	16	10	£1.95
1051011685	NLSL8310/22	2 Gang 2 Way	16	10	£4.04
1051011686	NLSL8310/32	3 Gang 2 Way	25	10	£9.42
1051011687	NLSL8310/42	4 Gang 2 Way	25	5	£13.86
1051011688	NLSL8310/INT	1 Gang Intermediate Switch	25	10	£9.16

- 10AX rating for fluorescent applications.
- Designed for retrofitting - 1 & 2 gang switches fit onto standard 16mm plaster depth or Slimline moulded boxes (intermediate requires 25mm box).
- 3 and 4 gang switches fit onto 25mm plaster depth or Slimline moulded boxes.
- Double back box required for 4 gang switch.
- Tactile switch action for smooth operation.
- Concave rockers match full range of Slimline accessories.
- Manufactured to BS EN 60669-1.

CE 20 YR



NLSL8310/11

Dimmer Switches

Order Code	Model No.	Type	Min. Box Depth (mm)	Pack Qty	Price - Each 1 off
1051011692	NLSL8305/12	1 Gang 2 Way 400W	16*	1	£18.50
1051011691	NLSL8305/22	2 Gang 2 Way 250W	16*	1	£30.61

*When used with supplied spacer frame

- Suitable for mains use only (230V AC), up to 400W rated.
- 1 way rotary unit designed to fit onto 16mm plaster depth box for perfect retrofitting.
- 2 way dimmers are push on push off operation - enable lights to be preset for added convenience.
- 2 way dimmers supplied with additional mounting frame for easy retrofitting on to 16mm mounting boxes.
- Manufactured to BS EN 60669-2-1.

1 YR



NLSL8305/12

For technical details & applications refer to page 310 of the Technical Section

For grid dimmers see page 173

For LED plate dimmers see page 155

10A Triple Pole Switch

Order Code	Model No.	Type	Min. Box Depth (mm)	Pack Qty	Price - Each 1 off
1051011689	NLSL8360	1 Gang TP Isolator	25	10	£10.27

- 10AX rating.
- Includes integral safety locking facility and supplied with key.
- Wide concave rocker to match full range of Slimline accessories.
- Manufactured to BS EN 60669-1.

CE 20 YR



NLSL8360

NEW

INTERIOR DECORATIVE LED BULKHEAD

SEE PAGE 52



Daylight colour temperature is ideal for commercial environments - improves productivity and well being



Fused Connection Unit

NLSL8313/SN



- Colour coded terminals aid cable identification and termination.
- Flex outlet option incorporates removable plug making fast, neat installation (available on flex outlet products).
- Lockable fuse carrier ensures isolation in the event of maintenance.
- Supplied with 13A fuse to BS 1362.
- Compact flush neons - consistent across the full range.
- Manufactured to BS 1363 Part 4.

CE

20 YR

Order Code	Model No.	Type	Min. Box Depth (mm)	Pack Qty	Price - Each 1 off
1051011695	NLSL8313/S	Switched	25	10	£8.04
1051011697	NLSL8313/SN	Switched + Neon	25	10	£11.89
1051011696	NLSL8313/SNF	Switched + Neon + Flex Outlet	25	10	£13.03
1051011693	NLSL8313	Unswitched	25	10	£6.83
1051011694	NLSL8313/F	Unswitched + Flex Outlet	25	10	£7.69

RCD Protected Fused Connection Unit

NL8313/RCD



- 250V AC voltage rating.
- 30mA rated tripping current.
- Speed 40 milli-seconds.
- Max load 3120 Watts/240V AC.
- Colour coded terminals.
- Flex cable knockout.
- Manufactured to BS 7288:1990.

10 YR

Mechanically Latched

Order Code	Model No.	Description	Min. Box Depth (mm)	Price - Each 1 off
1052048822	NL8313/RCD	13A RCD Fused Connection Unit	35	£76.54

Double Pole Switches - 20A

NLSL8320/SN



- 20AX rating.
- Colour coded terminals aid cable identification and termination.
- Flex outlet option incorporates removable plug enabling a fast neat installation (available on flex outlet products).
- Compact flush neons - consistent across the full range.
- Manufactured to BS EN 60669-1, *BS 5733.

CE

20 YR

Order Code	Model No.	Type	Min. Box Depth (mm)	Pack Qty	Price - Each 1 off
1051011698	NLSL8320/S	Switch	25	10	£7.41
1051011699	NLSL8320/SN	Switch + Neon	25	10	£9.66
1051011700	NLSL8320/SNF	Switch + Neon + Flex Outlet	25	10	£12.03
1051011701	NLSL8320/WH	Switch + Neon + Flex Outlet Marked Water Heater	25	10	£12.85

Flex Outlet Plate

Order Code	Model No.	Type	Min. Box Depth (mm)	Pack Qty	Price - Each 1 off
1051011702	NLSL8320/F	25A Side Flex Outlet*	25	10	£7.02

Double Pole Switches - 45A

NLSL8345/2NS



- Large easily accessible terminals suitable for use with all cable sizes up to 2 x 10mm².
- Compact flush neons - consistent across the full range.
- Manufactured to BS EN 60669-1 or BS4177 part 4 as applicable.

20 YR

Order Code	Model No.	Type	Min. Box Depth (mm)	Pack Qty	Price - Each 1 off
1051011703	NLSL8345/1N	1 Gang Switch + Neon	47	10	£18.12
1051011704	NLSL8345/1N	2 Gang Switch + Neon	47	5	£20.19
1051011705	NLSL8345/2NS	Cooker Control Unit + 13A Switched Socket + Neon	47	5	£26.96

Cooker Connection Unit

Order Code	Model No.	Type	Min. Box Depth (mm)	Pack Qty	Price - Each 1 off
1051011706	NLSL8345/F	45A Cooker Cable Outlet	47	10	£9.27

Telephone Outlet

Order Code	Model No.	Type	Min. Box Depth (mm)	Pack Qty	Price - Each 1 off
1051011708	NLSL8375/MAS	Master	25	10	£10.39
1051011709	NLSL8375/SEC	Secondary	25	10	£7.59

- Master and secondary options.
- Slimline profile complements the rest of the range.
- Other configurations are available using the data and AV module frames and modules.
- Manufactured to BS EN 41003.

20 YR

NLSL8375/MAS



TV/FM Co-Axial Socket

Order Code	Model No.	Type	Min. Box Depth (mm)	Pack Qty	Price - Each 1 off
1051011707	NLSL8370/1	Single Outlet	25	10	£6.10

- Slimline profile complements the rest of the range.
- Other configurations are available using the data and AV module frames and modules.
- Manufactured to BS 3041.

20 YR

NLSL8370/1



Shaver Socket

Order Code	Model No.	Type	Min. Box Depth (mm)	Pack Qty	Price - Each 1 off
1051011710	NLSL8365	115/230V Dual Voltage	47	1	£39.37

- 20VA 115/230V dual voltage outlet.
- Fitted with thermal cut out.
- Safety shutter.
- Accepts US, Australian, European and UK 2 pin plugs.
- Manufactured to BS EN 61558-2-5.

CE

20 YR

NLSL8365



Blanking Plates

Order Code	Model No.	Type	Pack Qty	Price - Each 1 off
1051011711	NLSL8380/1	1 Gang	10	£1.08
1051011712	NLSL8380/2	2 Gang	5	£1.97

- Matching Slimline profile.
- Manufactured to BS 5733.

CE

20 YR

NLSL8380/2



Data and AV Module Frames

Order Code	Model No.	Type	Pack Qty	Price - Each 1 off
1051011713	NLSL8381/1MF	1 Gang 1 Module	10	£3.22
1051011714	NLSL8381/2MF	1 Gang 2 Module	10	£3.22
1051011715	NLSL8382/4MF	2 Gang 4 Module	5	£6.50

- Designed to accept data and AV modules (see pages 189 & 227).
- Mix and match functionality for all communication and entertainment requirements.
- Fits standard back box fixing centres.
- Refer to module installed for minimum box depth.
- Module size 25mm x 50mm.

CE

20 YR

NLSL8381/1MF



NLSL8382/4MF



Socket Outlets - Moulded

NL8300/2



- Manufactured and approved to BS 1363.

20 YR

Order Code	Model No.	Type	Description	Min. Box Depth (mm)	Pack Qty	Price - Each 1 off
1000015980	NL8300/1	1 Gang	Switched	25	10	£4.16
1000015981	NL8300/2	2 Gang	Switched	25	5	£5.14
1050152530	NL8300/1DP	1 Gang	Switched - DP	25	10	£7.08
1050151155	NL8300/2DP	2 Gang	Switched - DP	25	5	£8.05
1000009163	NL8300/1US	1 Gang	Unswitched	25	10	£3.98
1000009164	NL8300/2US	2 Gang	Unswitched	25	5	£6.46

Socket Outlets - RCD Moulded

NL8300/1RCD



NL8300/2RCD



- 250V AC voltage rating.
- 30mA rated tripping current.
- 250A breaking capacity.
- 1500A short circuit withstand.
- DP switching.
- Manufactured and approved to BS 7288.

20 YR

Electrically Latched

Order Code	Model No.	Type	Min. Box Depth (mm)	Price - Each 1 off
1000009519	NL8300/1RCD	Single Socket 2 Gang	25	£67.22
1000009520	NL8300/2RCD	Twin Socket 2 Gang	25	£70.16

Socket Converters



NL8300/12SCA



NL8300/23SCA

- Quick and easy to fit.
- 1 to 2 gang easily converts a single socket into a double socket.
- 2 to 3 gang easily converts a double socket into a triple socket.
- Includes 2 x M3.5 screws to fit existing wall box.
- Conforms to BS 1363.

1 YR

Order Code	Model No.	Description	Min. Box Depth (mm)	Price - Each 1 off
1050391757	NL8300/12SCA	1 to 2 Gang Socket Converter	25	£12.26
1050391758	NL8300/23SCA	2 to 3 Gang Socket Converter	25	£19.35

Plate Switches - Moulded

NL8310/11



NL8310/A22



- 6AX fluorescent rated.
- 1 to 3 gang switches suitable for 16mm depth back-box.
- Double back box required for 4 gang switch.
- Manufactured and approved to BS EN 60669-1.

CE

20 YR

Order Code	Model No.	Type	Min. Box Depth (mm)	Pack Qty	Price - Each 1 off
1000015982	NL8310/11	1 Gang 1 Way	16	10	£1.80
1000015983	NL8310/12	1 Gang 2 Way	16	10	£2.13
1000015984	NL8310/22	2 Gang 2 Way	16	10	£4.07
1000015985	NL8310/32	3 Gang 2 Way	16	10	£6.79
1000009165	NL8310/42	4 Gang 2 Way	25	5	£9.24
1000009166	NL8310/INT	1 Gang Intermediate	25	10	£8.83
1050152526	NL8310/A12	1 Gang 2 Way Architrave *	-	10	£4.55
1050152527	NL8310/A22	2 Gang 2 Way Architrave *	-	10	£8.58

* Complete with surface pattress

Switches - Time Delay Moulded

NL8310TL



- 2 way wireable.
- Suitable for staircases and corridors.
- Designed for settings up to 20 minutes off delay.
- Pneumatic operation.
- Manufactured and approved to IEC 60669-1.

CE 1 YR

Order Code	Model No.	Min. Box Depth (mm)	Price - Each 1 off
1050152529	NL8310TL	35	£35.11

For our full range of occupancy detectors see pages 154, 160 & 162

Pneumatic Time Delay Switch

Order Code	Model No.	Configuration	Rating	Neutral Required	Price - Each 1 off
1051042701	NL5720A	2 Wire	6A-240V	✗	£23.88

- Load rating 6A incandescent.
- Load rating 3A fluorescent and compact fluorescent (maximum of 6 fittings per circuit).
- Ideal for areas such as stairways, corridors and storerooms.
- Time delay adjustable from 5 seconds to 5 minutes.
- Replaces existing single gang wall switch.
- Single contact arrangement.
- Easy to fit.
- Suitable for 16mm and 25mm back boxes.
- Complies with BS EN 60669, 60669-1, 60669-2-1, 60669-2-3.

1 YR



NL5720A

Electronic Touch Time Delay Switch (Master)

Order Code	Model No.	Configuration	Rating	Neutral Required	Price - Each 1 off
1051042703	NL5740A	2 Wire	16A-240V	✗	£42.94

- Load rating 16A for any load type (may require Newlec capacitor NL5705A for all types of low wattage/low voltage loads and in particular LED loads).
- 2 wire (Live and Switch Live) 24 hour supply required.
- Slave switch NL5750A required for multi-way switching.
- Feather light touch activation.
- Time delay adjustable from 2 minutes to 2 hours.
- Re-trigger and cancellation function.
- Last minute indicator.
- Back lit blue neon indicator ring.
- Quiescent power 0.65W.
- Back box depth 25mm.
- Complies with BS EN 60669, 60669-1, 60669-2-1, 60669-2-3.

1 YR



NL5740A

Electronic Touch Switch (Slave)

Order Code	Model No.	Rating	Neutral Required	Price - Each 1 off
1051042704	NL5750A	16A-240V	✗	£22.32

- Load rating 16A for any load type (may require Newlec capacitor NL5705A for all types of low wattage/low voltage loads and in particular LED loads).
- Slave switch must be used with NL5740A master switch and connected with 3 core cable.
- Ideal for 2 way or 2 way and intermediate circuits.
- Remote operation for master switch (NL5740A).
- Feather light touch activation.
- Re-trigger and cancellation function.
- Last minute indicator.
- Back lit blue neon indicator ring.
- Quiescent power 0.65W.
- Back box depth 25mm.
- Complies with BS EN 60669, 60669-1, 60669-2-1, 60669-2-3.

1 YR



NL5750A

Outdoor Electronic Touch Time Delay Switch



NL5730A

- Load rating 16A for any load type (may require Newlec capacitor NL5705A for all types of low wattage/low voltage loads and in particular LED loads).
- Suitable for outdoor areas to switch lighting, fan heaters, patio heaters, infra-red heaters, air conditioning units etc.
- 3 wire – Live, Switch Live and Neutral required.
- When using contactors a capacitor (NL5705A) must be used.
- Time delay adjustable from 2 minutes to 2 hours.
- Feather light touch activation.
- Re-trigger and cancellation function.
- Last minute indicator.
- Back lit blue neon indicator ring.
- Quiescent power 0.65W.
- Supplied with 65mm surface mounted back box.
- IP66 waterproof rated.
- Complies with BS EN 60669, 60669-1, 60669-2-1, 60669-2-3.

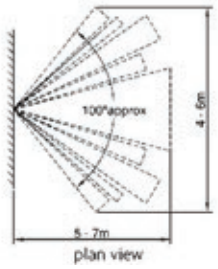
1 YR

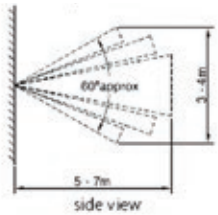
Order Code	Model No.	Configuration	Rating	Neutral Required	Price - Each 1 off
1051042702	NL5730A	3 Wire	16A-240V	✔	£46.49

Occupancy Detector - Wall Mounted



NL5704A





- Load rating 10A for any load type (may require Newlec capacitor NL5705A for all types of low wattage/low voltage loads and in particular LED loads).
- Passive Infra Red movement sensor.
- 360° detection with a 5-7M detection range.
- Time delay adjustable from 2 minutes to 1 hour.
- 3 wire detector (NL5706A) Live, Switch Live and Neutral required.
- Re-trigger function.
- Quiescent power
  NL5704A 1W
  NL5706A 0.52W
- Lux level control.
- Back box depth 25mm.
- Complies with BS EN 60669, 60669-1, 60669-2-1, 60669-2-3.

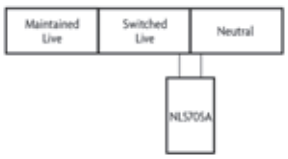
1 YR

Order Code	Model No.	Configuration	Rating	Neutral Required	Interlinkable	Absence Detection	Manual Overide	Price - Each 1 off
1050379030	NL5704A	2 Wire	10A-240V	✗	✔	✗	✗	£57.59
1051042705	NL5706A	3 Wire	10A-240V	✔	✔	✔	✔	£68.61

Capacitor



NL5705A



- Due to the operating nature of PIRs, low load applications may require the installation of capacitors to prevent flickering of lamps (i.e. some compact fluorescent lamps).
- The NL5705A capacitor must be fitted with the following types of load; low voltage, low wattage, LED loads and contactors.
- Complete with flying leads (approx. 200mm).
- ENEC approved.
- EN61048 and 61049/A1/A2 Type B - EN61049.

1 YR

Order Code	Model No.	Description	Rating	Price - Each 1 off
1050379031	NL5705A	Power Factor Correction Capacitor	4µf 240V AC X2 Rated	£6.31

Dimmer Switches

- A range of dimmer switches to control different light sources including:
  - Mains voltage incandescent tungsten lamps
  - Mains voltage halogen lamps
  - Low voltage lamps, subject to dimmable transformer
  - Dimmable CFL lamps
  - Dimmable LED lamps and fittings
- Refer to the table to select the most suitable dimmer to control the required type of light source(s).
- It is not recommended to mix different light sources in a circuit.
- Manufactured to BS EN55014, BS EN50082-1 & BS EN60669-2-1

CE 1 YR

(except NL1151N, NL1152N & NL1161N - 2 Years)



NL1151N



NL1152N



NL1161N

For information on load capacities please refer to page 310 of the Technical Section

Non dimmable CFL and LED lamps should NOT be used with any of these dimmers. Installations must satisfy the minimum load on the dimmer being used and in line with any specific requirements or maximum number of lamps suitable for dimming with any one dimmer.

230V Rotary

Order Code	Model No.	Type	Tungsten	Low Voltage	LED	CFL	Min Box Depth (mm)	Price - Each 1 off
1050344141	NL1031N	1 Gang 1 Way	60 - 250W	-	-	-	16mm	£11.81
1050344142	NL1032N	2 Gang 1 Way	2 x 60 - 250W	-	-	-	25mm	£24.06

230V / Low Voltage Push On / Off / Rotary

Order Code	Model No.	Type	Tungsten	Low Voltage	LED	CFL	Min Box Depth (mm)	Price - Each 1 off
1050344144	NL1131N	1 Gang 2 Way*	60 - 250W	-	-	-	25mm	£15.63
1050344145	NL1132N	2 Gang 2 Way*	2 x 60 - 250W	-	-	-	25mm	£26.53
1050344146	NL1141N	1 Gang 2 Way*	60 - 400W	-	-	-	25mm	£17.52
1051058138	NL1151N	1 Gang 2 Way*	60 - 400W	60 - 400VA	7 - 44W	25 - 50W	16mm	£30.02
1051058139	NL1152N	2 Gang 2 Way*	2 x 60 - 400W	2 x 60 - 400VA	2 x 7 - 44W	2 x 25 - 50W	16mm	£48.15
1051058147	NL1161N	1 Gang 2 Way*	150 - 1000W	150 - 700VA	11 - 50W	25 - 60W	25mm	£45.91
1050344148	NL5341N	1 Gang 2 Way*	-	60 - 250VA	-	-	25mm	£18.27

*2 Way = 2 Way Switching

For grid dimmers see page 173

NEW

IP65 LED EMERGENCY BULKHEAD

SEE PAGE 28



A slim multi-purpose bulkhead with up to 62% energy saving (over traditional fluorescent fitting)



Available to Order

Switches - 6A Triple Pole Fan Isolator Switch



NL8360

- Marked with fan symbol.
- Manufactured and approved to BS EN 60669-1.

CE 20 YR

Order Code	Model No.	Min. Box Depth (mm)	Pack Qty	Price - Each 1 off
1000009077	NL8360	25	10	£7.68

Fused Connection Unit



NL8313SN

- Supplied with 13A fuse to BS 1362.
- Optional flex outlet facility.
- Manufactured and approved to BS 1363.

NB: Switched versions are double pole.

CE 20 YR

Order Code	Model No.	Switched	Neon	Min. Box Depth (mm)	Pack Qty	Price - Each 1 off
1000015988	NL8313	✗	✗	25	10	£6.73
1000015987	NL8313N	✗	✔	25	10	£8.70
1000015986	NL8313S	✔	✗	25	10	£6.54
1000015989	NL8313SN	✔	✔	25	10	£10.15

Fused Connection Units - Engraved



NL8313S/EF

- Switched without neon.
- Supplied with 13A fuse to BS 1362.
- Optional flex outlet facility.
- Double pole.
- Manufactured and approved to BS 1363.

CE 20 YR

Order Code	Model No.	Engraved	Min. Box Depth (mm)	Pack Qty	Price - Each 1 off
1050391085	NL8313S/FR	Fridge	25	10	£12.93
1050391086	NL8313S/FZ	Freezer	25	10	£12.93
1050391087	NL8313S/FF	Fridge Freezer	25	10	£12.93
1050391088	NL8313S/TD	Tumble Dryer	25	10	£12.93
1050391089	NL8313S/DW	Dish Washer	25	10	£12.93
1050391082	NL8313S/EF	Extractor Fan	25	10	£12.93
1050391083	NL8313S/WM	Washing Machine	25	10	£12.93
1050391084	NL8313S/CH	Central Heating	25	10	£12.93

Double Pole Switches - 20A



NL8320SN

- Optional flex outlet facility - side or bottom.
- Manufactured and approved to BS EN 60669-1.

CE 20 YR

Order Code	Model No.	Neon	Min. Box Depth (mm)	Pack Qty	Price - Each 1 off
1000015990	NL8320S	✗	25	10	£7.41
1000015991	NL8320SN	✔	25	10	£10.33
1000015992	NL8320SNWH*	✔	25	10	£11.14

* Marked 'water heater'



NL8320/FO

Flex Outlet Plates

- Manufactured and approved to BS 5733.

CE 20 YR

Flex Outlet Plates

Order Code	Model No.	Rating (Amps)	Description	Min. Box Depth (mm)	Pack Qty	Price - Each 1 off
1000009167	NL8320/FO	20	Front Entry	25	10	£7.20
1000009168	NL8325/FO	25	Side Entry	25	10	£7.20

Double Pole Switches - 45A



NL8345/1N

- Thermal capacity 2 x 10mm².
- Manufactured and approved to BS EN 60669-1.

CE 20 YR

Order Code	Model No.	Type	Neon	Min. Box Depth (mm)	Pack Qty	Price - Each 1 off
1000009071	NL8345/1N	Single Plate	✔	47	10	£15.42
1000009072	NL8345/2	Double Plate	-	47	5	£16.19
1000009073	NL8345/2N	Double Plate	✔	47	5	£17.80

Cooker Controls - 45A Double Pole

Cooker Controls

Order Code	Model No.	Neon	Min. Box Depth (mm)	Pack Qty	Price - Each 1 off
1000015993	NL8350	-	47	5	£21.22
1000015994	NL8350N	✔	47	5	£23.90

Cooker Connection Unit

Order Code	Model No.	Min. Box Depth (mm)	Pack Qty	Price - Each 1 off
1000009074	NL8355	47	10	£8.96

- With single 13A switched socket.
- Thermal capacity 2 x 10mm².
- Manufactured and approved to BS 4177.

Cooker Connection Unit

- 45A rated.
- Manufactured and approved to BS 5733.

20 YR


NL8350N


NL8355

Telephone Outlet

Order Code	Model No.	Description	Min. Box Depth (mm)	Pack Qty	Price - Each 1 off
1050151066	NL8375MAS	Master	25	10	£9.82
1000009075	NL8375SEC	Secondary	25	10	£7.08

- Approved under OFTEL approval no.
  - NS/2401/3/F/450800 - Master.
  - NS/2401/3/F/450802 - Secondary.
- Manufactured and approved to BS EN 41003.

20 YR


NL8375MAS

TV/FM Co-Axial Socket

Order Code	Model No.	Description	Min. Box Depth (mm)	Pack Qty	Price - Each 1 off
1000015995	NL8370/1	Single Outlet	25	10	£5.64
1050152531	NL8370/2	Double Outlet	25	10	£6.73

- Non-isolated.
- Manufactured and approved to BS 3041.

20 YR


NL8370/1

Shaver Socket

Order Code	Model No.	Min. Box Depth (mm)	Pack Qty	Price - Each 1 off
1000009076	NL8365	47	1	£36.45

- 115/230V output.
- Fitted with thermal cut out.
- Manufactured and approved to BS EN 61558-2-5.

CE 20 YR



NL8365

Blanking Plates

Order Code	Model No.	Type	Pack Qty	Price - Each 1 off
1000015996	NL8380/1	Single	10	£0.91
1000015997	NL8380/2	Double	5	£1.91

- Manufactured and approved to BS 5733.

CE 20 YR


NL8380/2

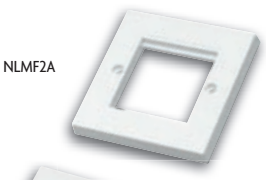
Data & AV Module Frames

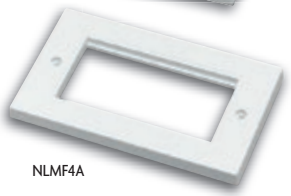
Order Code	Model No.	Type	Aperture Size (mm)	Price - Each 1 off
1050393069	NLMF2A	1 Gang	50 x 50	£1.67
1050393070	NLMF4A	2 Gang	100 x 50	£3.69

For data modules see page 209

- For housing euro style 25 x 50mm modules only.
- Single gang flat faceplate for 2 x euro modules.
- For single gang single module use (2 x half module - NLBP.5A or 1 x full module blanks - NLBP1A).
- Double gang flat faceplate for 4 x euro modules.
- Supplied with fixings.

CE 2 YR


NLMF2A


NLMF4A

Ceiling Switches - 6A

NL8701



- Supplied with approximately 1.5M of cord.
- Manufactured and approved to BS EN 60669-1.

CE

20 YR

Order Code	Model No.	Type	Price - Each 1 off
1000009493	NL8701	1 Way	£5.17
1000009494	NL8702	2 Way	£5.64

Ceiling Switches - 45A Double Pole

NL8703N



- Double pole switch with neon.
- Mechanical 'ON/OFF' indicator.
- Terminal capacity 2 x 10mm².
- Supplied with M3.5 x 32mm fixing screws.
- Suitable for use with NL8385/147 mounting box (see page 181).
- Manufactured and approved to BS EN 60669-1.

CE

20 YR

Order Code	Model No.	Price - Each 1 off
1050151353	NL8703N	£21.22

Pendant Sets

NL8706N



- Choice of 6" or 9" flex.
- T2 rated heat resistant lampholder. (BS EN 61184:1995)
- 0.75mm² heat resistant flex to BS 6141.
- Easy access terminals.
- Large cable entry points.
- Manufactured and approved to BS EN 60598-2-1:1989.

CE

20 YR

Order Code	Model No.	Flex Length (inches)	Price - Each 1 off
1000009498	NL8706N	6	£4.65
1000009499	NL8709N	9	£4.92

Low Energy Pendant Sets

NL8706LE13



- 6" flex length.
- 13W accepts TCDE G24q-1 4 pin compact fluorescent.
- 18W accepts TCDE G24q-2 4 pin compact fluorescent.
- Supplied without lamp.
- Manufactured and approved to BS EN 61347, BS EN 60598.

1 YR

Order Code	Model No.	Lamp Rating (W)	Price - Each 1 off
1050344014	NL8706LE13	13	£36.79
1050344015	NL8706LE18	18	£38.14

For lamps see page 71

Batten Holders

Order Code	Model No.	Description	Price - Each 1 off
1050151354	NL8710	Enclosed with Pre-wired PVC Tails	£4.35
1000009497	NL8712	NL8710 + Angled Fitting	£3.99
1000009496	NL8711	Enclosed Terminals	£4.15

- T2 rated heat resistant lampholder. (BS EN 61184:1995)
- H O Skirt.
- Manufactured and approved to BS EN 61184:1995.

CE

20 YR

NL8711



Low Energy Batten Holders

Order Code	Model No.	Lamp Rating (W)	Price - Each 1 off
1050390533	NL8710LE13	13	£36.74

For lamps see page 71

- 13W accepts TCDE G24q-1 4 pin compact fluorescent.
- Integral circuit protection from lamp failure.
- Supplied without lamp.
- Manufactured and approved to BS EN 60598.

1 YR

NL8710LE13



Ceiling Roses

Order Code	Model No.	Price - Each 1 off
1000009500	NL8715	£2.87

- Positive flex restraint.
- 82.5mm (3¼") diameter base allows easy wiring and installation.
- Raised mounting feet for even mounting on ceiling.
- Manufactured and approved to BS 67:1987.

CE

1 YR



NL8715

Lampholders - Cord Grip

Order Code	Model No.	Price - Each 1 off
1000009501	NL8716	£1.91

- T2 rating.
- BC with integral cord grip.
- Short skirt.
- Steel lampholder for strength and durability.
- Manufactured and approved to BS EN 61184:1995, BS EN 60598-21-1.

1 YR



NL8716

Pendant Switches

Order Code	Model No.	Price - Each 1 off
1050152528	NL8310P	£5.62

- 2A rated suitable for 2 or 3 wire flex.
- Manufactured and approved to BS EN 61058.

1 YR



NL8310P

Ceiling Mounted DALI Occupancy Detector

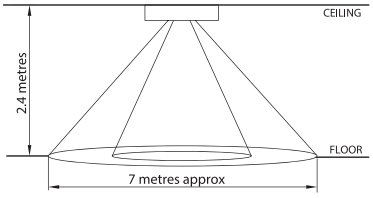
The DALI occupancy detector for ceiling mounting offers both presence and absence control with daylight harvesting. The DALI occupancy detector can automatically set up ballasts in either broadcast or group functions and boasts test and corridor modes that can be programmed and controlled by a remote control. A complete DALI network solution is provided with just 4 elements: (1) DALI occupancy detector, (2) DALI remote control, (3) DALI power supply unit and (4) DALI multi-purpose connection box.

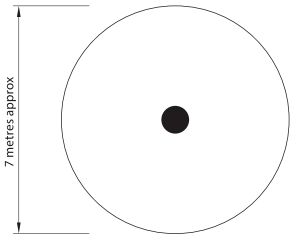


NL5701DALI

- DALI presence and absence detection with sensitivity control.
- Automatic daylight harvesting with remote Lux and PIR Lux control (via Newlec NL5711 remote control).
- Easy set up with automatic broadcast and timing defaults and automatic ballast set up.
- Broadcast, Group and Scene Selections. One DALI occupancy detector with one DALI power supply unit (NL5712) is capable of controlling up to 64 ballasts with 16 groups (15 groups + 1 group dedicated to broadcast) with 16 scenes each.
- Test Mode and Corridor Function.
- Dual Remote Control (NL5711) available, with user modes and hidden installer modes.
- Quiescent Power 0.04W.
- Flush mounting - 70mm minimum void depth required.
- Compact 65mm diameter cut-out required for flush mounting.
- IP44 when installed.
- Power supply unit (NL5712) required for each network.
- Multipurpose connection box (NL5713) available to help installation.
- Suitable for all DALI load types including LED loads.
- Complies with BS EN 60929 and EN62386.

The Newlec DALI occupancy detector can find, address and command ballasts automatically with a couple of pushes of the dual purpose remote control. It can allocate luminaires into groups quickly and easily, saving time and money.





CE 1 YR

Order Code	Model No.	Description	Recommended Mounting Height	No of Channels	Interlinkable	Manual Override Available	Time on Range	Price - Each 1 off
1052090098	NL5701DALI	Ceiling Mounted DALI Occupancy Detector	2.4 - 2.6M (Up to a Maximum of 5M)	1	✔	Yes via Remote	5 - 45 Mins (Depending on Mode Selected)	£53.64

DALI Remote Control

This compact and ergonomic dual purpose DALI remote control can be used by installers to set up and commission a Newlec DALI system. It also allows end users in the units user mode to adjust Lux Levels and brightness to desired levels, making it one of the most versatile remote programming units in the market.



NL5711

- For use with Newlec DALI occupancy detector (NL5701DALI).
- Ergonomic hand held device to program and adjust sensors in the Newlec DALI range.
- Dual purpose operation modes - installer and end user.
- Infra red communications.
- Operating distance (2-3M).
- Remote control features:
  - Override on/off.
  - Illumination adjustment.
  - Scene selection.
  - Fixed illumination settings.
  - Reset to daylight harvesting.
  - 25% brightness level.
  - 50% brightness level.
  - 100% brightness level.
- Powered by 3 x AAA alkaline batteries (included).

CE 1 YR

Order Code	Model No.	Description	Price - Each 1 off
1052090099	NL5711	DALI Remote Control	£28.14

DALI Power Supply Unit

This DALI power supply unit is designed to provide the low power supply to the DALI network and is for use with the Newlec DALI occupancy detector (NL5701DALI).

- For use with Newlec DALI occupancy detector (NL5701DALI).
- Provides the low power supply used by the DALI network.
- 18V DC 250mA.
- Allows installers maximum flexibility with any choice of appropriate multicore cables.
- Has built-in thermal and overload protection.
- Quiescent power 0.15W.

See technical section (page 306) for the calculation to determine the number of occupancy detectors versus the number of ballasts

CE 1 YR



NL5712

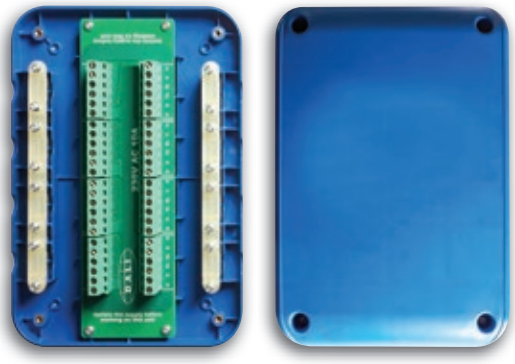
Order Code	Model No.	Description	Quiescent Power	Output	Input	Dimensions (mm) L x W x D	Price - Each 1 off
1052090096	NL5712	DALI Power Supply Unit	0.15W	18V DC	230V AC	132 x 80 x 39	£45.58

DALI Multipurpose Connection Box

The DALI multipurpose connection box gives installers maximum flexibility and true freedom of choice of multicore cables required in the system without the requirement for expensive connectors.

- For use to connect with Newlec DALI occupancy detector (NL5701DALI) and DALI power supply unit (NL5712).
- Offers installers maximum flexibility allowing any choice of appropriate multicore cables without needing expensive connectors.
- Allows full connectivity of lighting system and DALI network.
- VDE approved SAURO connectors which guarantee performance and connection.
- PCB inside runs 230V power alongside the 250mA DALI network.
- Maximum 10A rating per box.

The Newlec DALI multipurpose connection box has 8 entry points and 6 connections in each entry point. At least one entry point will be used to bring in mains AC power and the other for the Newlec DALI power supply unit. The power supply unit runs the network power for the Newlec DALI occupancy detectors and the lighting ballasts. The remaining 6 entry points have 6 connections which if all are used for DALI lighting only will only utilise 5 cores; Permanent Live, Earth, Neutral and the DALI bus line pair. The Switch Live is only used when there is a need to connect some non-DALI lighting thereby increasing the flexibility of the multipurpose box for the installer. Also when using emergency lighting it gives flexibility to wire the permanent and switch lives as appropriate.



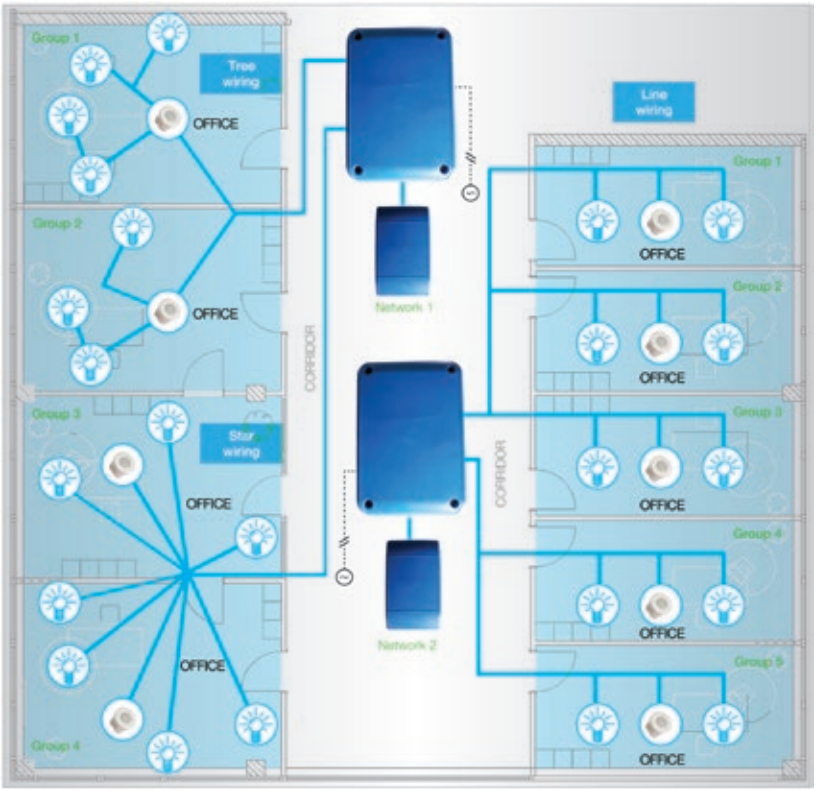
NL5713

CE 1 YR

Order Code	Model No.	Description	Entry Points	Maximum Rating (Amps)	Dimensions (mm) L x W x D	Price - Each 1 off
1052090097	NL5713	DALI Multipurpose Connection Box	8	10A	181 x 131 x 39	£31.90

Example Layout for Newlec DALI Occupancy Solution

- Diagram shows two DALI networks using the Newlec DALI power supply unit (NL5712); Newlec multipurpose connection box (NL5713) and Newlec DALI occupancy detectors (NL5701DALI).
- Network 1 includes 'Tree' and 'Star' wiring for typical offices.
- Network 2 shows 'Line' wiring for 5 groups being controlled from one Newlec DALI power supply unit (NL5712).



Occupancy Detector - Ceiling Mounted

The Newlec occupancy detector unit has been designed for flush or surface mounting and includes spring fixing arms for quick and easy installation. It also includes a surface mount box option.

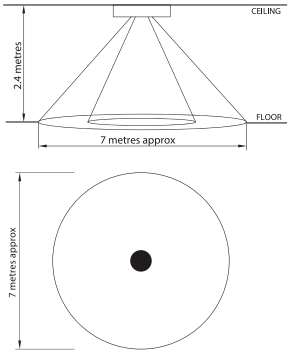
The 360° occupancy detector is activated by sensing moving body heat and features a red indicator LED to signify when the timing has been re-triggered and the unit is in its final minute of operation.

The intelligent unit provides variable timing selection from 2 mins to 1 hour (fluorescent lamps should not be set below 15 minutes to maintain lamp life) and also features a removable bezel for easy access to timing and lux adjustment when in situ. It can also be interlinked with other Newlec occupancy sensors (NL5701B) with a 3 core connection utilising the live, switch live and neutral.

- Passive infrared movement sensor.
- For general purpose loads including resistive loads & incandescent/fluorescent lighting.
- 10A any load type (may require capacitor NL5705A for all types of low wattage and in particular LED loads - see below).
- Presence detector can easily be turned into an absence detector with the addition of a one way switch wired between the Switch Live of the detector and load.
- 10 time settings from 2 mins to 1 hour.
- Lux Level Control with 'Auto Lux' feature for added convenience.
- Sensitivity adjustment.
- Test Mode (10secs) for walk testing PIR.
- 360° detection with a 6-7M detection range.
- 3 wire with a neutral being required.
- Supplied with both white and chrome coloured interchangeable fascia rings.
- Quiescent power 0.9W.
- Can be surface or flush mount (70mm minimum void depth when flush mounting).
- Compact 64mm cut-out diameter fitting for flush mounting.
- Operating temperature -20°C to +50°C.
- 240V A.C. / 50Hz.
- IP44 when installed.
- Complies with BS EN 60669, 60669-1, 60669-2-1, 60669-2-3.



NL5701B



Type of room	Potential energy savings
Private Office	13-15%
Open Plan Office	20-28%
Classroom	40-46%
Conference Room	22-65%
Bathrooms	30-90%
Corridors	30-80%
Storage Area	45-80%

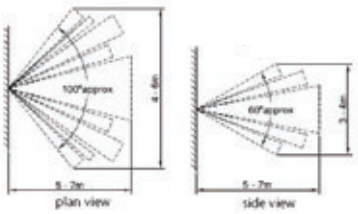
1 YR

Order Code	Model No.	Description	Recommended Mounting Height	Switching Capacity at 240V (Including T5) Inductive/ Resistive	No. of Channels	Absence Detection	Interlinkable	Neutral Required	Manual Overide Available	Time on Range	Price - Each 1 off
1050390611	NL5701B	Recessed/Surface Ceiling Detector	2.4M	2400W/10A	1	✔	✔	✔	✔	2-60 mins	£40.10

Occupancy Detector - Wall Mounted



NL5704A



- Load rating 10A for any load type (may require Newlec capacitor NL5705A for all types of low wattage/low voltage loads and in particular LED loads).
- Passive Infra Red movement sensor.
- 360° detection with a 5-7M detection range.
- Time delay adjustable from 2 minutes to 1 hour.
- 3 wire detector (NL5706A) Live, Switch Live and Neutral required.
- Re-trigger function.
- Quiescent power
  NL5704A 1W
  NL5706A 0.52W
- Lux level control.
- Back box depth 25mm.
- Complies with BS EN 60669, 60669-1, 60669-2-1, 60669-2-3.

1 YR

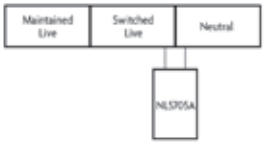
Order Code	Model No.	Configuration	Rating	Neutral Required	Interlinkable	Absence Detection	Manual Overide	Price - Each 1 off
1050379030	NL5704A	2 Wire	10A-240V	✗	✔	✗	✗	£57.59
1051042705	NL5706A	3 Wire	10A-240V	✔	✔	✔	✔	£68.61

Capacitor



NL5705A

- Due to the operating nature of PIRs, low load applications may require the installation of capacitors to prevent flickering of lamps (i.e. some compact fluorescent lamps).
- The NL5705A capacitor must be fitted with the following types of load; low voltage, low wattage, LED loads and contactors.
- Complete with flying leads (approx. 200mm).
- ENEC approved.
- EN61048 and 61049/A1/A2 Type B - EN61049.



Order Code	Model No.	Description	Rating	Price - Each 1 off
1050379031	NL5705A	Power Factor Correction Capacitor	4µf 240V AC X2 Rated	£6.31

Boxes - Surface Moulded Square Corner

Order Code	Model No.	Type	Depth (mm)	Pack Qty	Price - Each 1 off
1000016001	NL8385/116	1 Gang	16	10	£1.36
1000016002	NL8385/125	1 Gang	25	10	£1.42
1000016003	NL8385/225	2 Gang	25	5	£2.51
1000016004	NL8385/147	1 Gang	47	10	£2.99
1000016005	NL8385/247	2 Gang	47	5	£4.42
1000009543	NL8385/DUAL	Dual 1 Gang	32	5	£4.01
1050152534	NL8385/CO	Conversion - Single to Double	28	5	£3.67

- To fit standard white moulded accessories.
- Side and base knockouts.
- Supplied with solid brass earth terminal.
- Manufactured and approved to BS 5733.

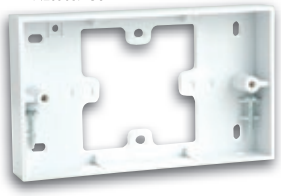
CE

20 YR

NL8385/DUAL



NL8385/CO



Slimline Boxes - Surface Moulded Round Corner

Order Code	Model No.	Type	Depth (mm)	Price - Each 1 off
1051011716	NLSL8385/116	1 Gang	16	£1.38
1051011717	NLSL8385/125	1 Gang	25	£1.44
1051011718	NLSL8385/225	2 Gang	25	£2.42
1051011719	NLSL8385/147	1 Gang	47	£3.11
1051011720	NLSL8385/247	2 Gang	47	£4.16
1051011721	NLSL8385/DUAL	Dual 1 Gang	25	£4.20

- Designed to complement the profile of the Slimline range.
- Fitted with earth terminals throughout.
- Side and base knockouts.
- Manufactured to BS 5733.

CE

20 YR

NLSL8385/116



Boxes - Surface PVC

Order Code	Model No.	Type	Depth (mm)	For Use With	Price - Each 1 off
Square Corners					
1052051450	NLRCA60	1 Gang	32	Conduit	£3.89
1052051451	NLRCA61	2 Gang	32	Conduit	£7.62
1052051452	NLMTA50	1 Gang	25	Mini Trunking	£11.67
1052051453	NLMTA51	2 Gang	25	Mini Trunking	£20.83
Round Corners					
1051042709	NLRCA70	1 Gang	32	Conduit	£3.51
1051042710	NLRCA71	2 Gang	32	Conduit	£6.94
1051042711	NLMTA60	1 Gang	25	Mini Trunking	£11.67
1051042712	NLMTA61	2 Gang	25	Mini Trunking	£20.83

Conduit Back Boxes

- For use in conjunction with 20mm PVC conduit.
- 1 gang has one 20mm round knockout.
- 2 gang has one 20mm round and one mini trunking entry.
- BS 4662 and BS5733 where applicable.

Minitrunking Back Boxes

- For use in conjuction with minitrunking.
- 1 gang has two entries (top & bottom).
- 2 gang has three entries (top & both sides).
- BS4662 & BS5733 where applicable.

NLRCA60



NLMTA51



NLRCA70



NLMTA61



Boxes - Dry Lining - Thermoplastic (ABS)


NL810A


NL811A


NL812A


NL814A


NL815A


NL817A

CE 10 YR

The dry lining box connector (NL817A) can be used to connect any combination of NL811A, NL812A, NL814A and NL815A.

- Flush fitting box in flame retardent thermoplastic (ABS).
- Will accept all standard wiring accessories.
- Fits all popular board thicknesses (6.5mm- 15mm).
- 47mm deep boxes can be used in applications where partitions are constructed with twin walls, ie up to 27mm.
- Circular dry liner box comes with 2 x 20mm diameter base knockouts
  - 50mm fixing centres.
  - Large flange all round.
  - Fits 65mm diameter hole.
- Manufactured and approved to BS4662 & relevant parts of BS5733.

Order Code	Model No.	Type	Depth (mm)	Number of Knockouts	Max Board Thickness	Pack Qty	Price - Each 1 off
1051057881	NL810A	1 Gang Circular	34	2	22	20	£1.66
1051057879	NL811A	1 Gang	35	3	18	20	£1.76
1051057880	NL812A	2 Gang	35	3	18	20	£2.25
1051057882	NL814A	1 Gang	47	3	27	20	£2.15
1051057883	NL815A	2 Gang	47	3	27	10	£3.29
1051057884	NL817A	Connector	-	-	-	10	£1.96

Boxes - Dry Lining - Metal Flameguard


NLFG135


NLFG235


NLFG147

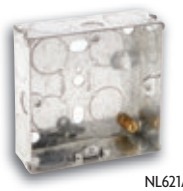

NLFG247

CE 10 YR

- As simple and quick to install as standard (thermoplastic) dry lining boxes.
- Durable metal construction with an intumescent layer within the box.
- Fire tested up to 90 minutes with the capability of boxes being mounted back to back.
- Conform to both Fire and Acoustic BS EN standards.
- Will accept all standard wiring accessories.
- Fits all popular board thicknesses (6.5mm- 15mm).
- 47mm deep boxes can be used in applications where partitions are constructed with twin walls, ie up to 22mm.
- Spring loaded lugs and brass earth terminal fitted.
- Manufactured and approved to BS4662, BS EN 1364-1:1999 Fire Resistance, BS EN ISO 140-3:1995 Acoustic.

Order Code	Model No.	Type	Depth (mm)	Number of Knockouts	Max Board Thickness	Pack Qty	Price - Each 1 off
1051057885	NLFG135	1 Gang	35	5	18	10	£13.05
1051057886	NLFG235	2 Gang	35	5	18	5	£20.72
1051057887	NLFG147	1 Gang	47	5	22	10	£15.64
1051057888	NLFG247	2 Gang	47	8	22	5	£23.01

Boxes - Metal


NL621A


NL622A


NL802B

- Manufactured in pre-galvanised steel with solid brass earth screw, except NL802A and NL802B, which incorporate two steel earth terminals.
- Manufactured in accordance with BS 4662.

CE 1 YR

Order Code	Model No.	Depth (mm)	Type	Entry	Pack Qty	Price - Each 1 off
1050150609	NL635A	16	1 Gang	Oval	20	£1.59
1050150610	NL621A	25	1 Gang	Round KO	10	£1.68
1050150611	NL622A	25	2 Gang	Round KO	5	£2.08
1050153573	NL802B	25	1 + 1 Gang	Round KO	5	£4.90
1050150612	NL685A	35	1 Gang	Round KO	10	£1.90
1050150613	NL683A	35	2 Gang	Round KO	5	£2.59
1050150614	NL802A	35	1 + 1 Gang	Round KO	5	£3.61
1000008704	NL7040A	48	1 Gang	Round KO	5	£2.73
1000009616	NL7080A	48	2 Gang	Round KO	5	£3.69

For re-threading tool see page 287

Grommets


NLGROM1N

- Manufactured from PVC.
- Chemical resistant.

Order Code	Model No.	Size	Type	Pack Qty	Price - Pack 1 off
1000009461	NLGROM0N	M20	Through	25	£2.95
1000009462	NLGROM1N	M20	Blind	25	£3.87
1000009463	NLGROM2N	M25	Through	25	£5.90
1000009464	NLGROM3N	M25	Blind	25	£6.34
1050151291	NLGROM4N	M32	Through	10	£5.59
1050151292	NLGROM5N	M32	Blind	10	£5.90

Grommet Strip

Order Code	Model No.	Length (M)	Price - Each 1 off
1051043277	NLGROMSTRIP3	25	£17.55

- Flexible 'U' design to line irregular shaped holes through panels or bulkheads to prevent chafing of cables and pipes.
- For use on panels with thickness ranging from 0.4 - 1.3mm.
- Made from highly flexible polyethylene.

NLGROMSTRIP3



Metal Safeplate

Order Code	Model No.	Pack Qty	Price - Pack 1 off
1051043278	NLSP1	100	£49.90

- Galvanised protective steel plate 50 x 76mm, with fixings.
- Helps to prevent penetration of cables & pipes by nails/screws when laying floorboards, installing wall panels or ceilings and during other fixing activities.
- Easy and quick to fit - no screws or nails.
- Meets NHBC requirements.
- NICEIC approved.



NLSP1

Junction Boxes - Round

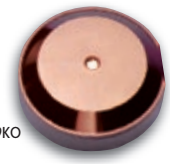
Order Code	Model No.	Terminals	Rating (Amps)	Diameter (mm)	Price - Each 1 off
Knockout Cable Entry					
1000009503	NL8719KO	4	20	59	£2.38
1050151355	NL8720KO	4	20	75	£2.18
Selective Cable Entry					
1000009502	NL8720SEL	4	20	75	£2.31
1000009505	NL8722SEL	6	20	86	£4.11
1000009504	NL8721SEL	3	30	86	£3.28

- Generous capacity slot terminals with large brass grub screws.
- Manufactured and approved to BS 6220.

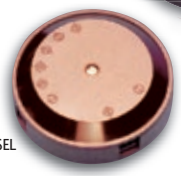
CE 20 YR



NL8722SEL



NL8719KO



NL8721SEL



NL8720SEL

Connection Box

- For the protection of electrical connections.
- For 2A-30A terminal strips (not included).
- External easy to use cable clamps.
- One piece snap over cover.
- Optional screw or tie wrap facility for installation fixing.
- Complete with fixing screws.
- 28 x 110 x 49mm (H x W x D including clamps)
- IP20
- Tested to BS EN 60598-1 (13.3.2) 650°C glow-wire.

CE 1 YR

Order Code	Model No.	Price - Each 1 off
1051042708	NLCHOC30A	£2.29



NLCHOC30A

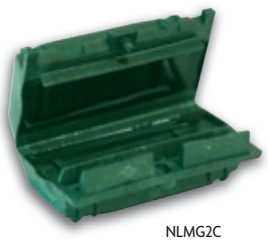
Gel Connector Covers

- Re-enterable and re-usable submersible protection for strip connectors - up to 2 pole 10amp (5amp recommended) for NLMG2C and 3 pole 15amp for NLMG3C.
- Fully submersible to high depths in accordance to EN 50393.
- No shelf life and non toxic.

APPROVALS

- EN 50393 and CEI 20-33 (note with testing under water head and water between the cable cores).
- In class 2 according to standard CEI 64-8.

Order Code	Model No.	Colour	No. of Poles	Price - Each 1 off
1050392918	NLMG2C	Green	2	£4.65
1050392919	NLMG3C	Green	3	£6.00



NLMG2C



NLMG3C

Connector Strips

Order Code	Model No.	Rating (Amps)	Price - Pack 1 off
1050153353	NLCS2.5	2.5	£13.75
1050153354	NLCS5	5	£15.55
1050153355	NLCS15	15	£30.02
1050153356	NLCS30	30	£48.63

- 12 way divisible connector strips.
- Manufactured from thermoplastic.
- Unique 'snap-off' spine design.
- Maximum continuous temperature rating 80°C.
- Nominal voltage 450V.
- Fully backed-out screws to speed installation.
- Large cable entry.
- Manufactured to BS EN 60998-1.
- Supplied in packs of 10.

1 YR



NLCS30

Junction Boxes - IP Rated


NL9025


NL9065


NL9255


NL9325


NL9041


NL9355

- Supplied with terminals which can be removed/repositioned.
- Stainless steel captive lid screws.
- Sealing gasket fully integrated as part of cover, including caps for mounting holes to maintain IP rating.
- Terminal blocks are 5 pole except NL9041 which is 10 pole.
- Ideal for arduous environments.
- NL9325 has self sealing neoprene glands.
- See technical section for terminal capacities.
- IP65 (NL9325 rated IP55).

CE 1 YR

Order Code	Model No.	Maximum Conductor Size (mm²)	Knockouts (mm)	External Dimensions (mm)	Price - Each 1 off
5 Pole Terminal Block					
1000016008	NL9025	2.5	20	88 x 88 x 53	£9.28
1000009020	NL9325	2.5	Self-Seal Cable Entry	88 x 88 x 47	£7.74
1050151876	NL9145	4	20	98 x 98 x 58	£12.98
1000016009	NL9045	4	25	98 x 98 x 61	£11.27
1000016010	NL9065	6	25/32	138 x 119 x 70	£20.77
1000009021	NL9105	10	Plain	167 x 125 x 82	£34.49
1000009022	NL9255	16/25	Plain	200 x 160 x 98	£59.92
1051011557	NL9355	35/50	Plain	260 x 210 x 116	£212.75
10 Pole Terminal Block					
1050151877	NL9041	2.5	25	98 x 98 x 61	£49.91

Junction Boxes - IP Rated Black


NL9025B


NL9045B


NL9065B


NL9105B

1 YR

- Supplied with 5 pole terminal block that can be removed/repositioned.
- Stainless steel captive lid screws.
- Sealing gasket fully integrated as part of cover, including caps for mounting holes to maintain IP66 rating.
- Black polycarbonate enclosure ideal for arduous environments.
- Insulated voltage 690V AC/DC.

Order Code	Model No.	Terminal Blocks	Maximum Conductor Size (mm²)	Knockouts (mm)	External Dimensions (mm) H x W x D	Price - Each 1 off
1051086726	NL9025B	5 Pole	2.5	20	88 x 88 x 53	£9.79
1051086727	NL9045B	5 Pole	4	20/25	98 x 98 x 61	£11.67
1051086728	NL9065B	5 Pole	6	25/32	138 x 119 x 70	£21.40
1051086729	NL9105B	5 Pole	10	Plain	167 x 125 x 82	£37.79

Junction Box - SWA


NLJB68

- General purpose joint box suitable for surface industrial applications.
- 1, 2, 3 or 4 way, 20mm entries.
- Dust and waterproof to IP66/68 when used with approved glands.
- Mounting studs provided for DIN rail terminals.
- Internal earth continuity ring to earth gland entries.
- 4 blanking plugs provided.
- Screw on lid providing ease of installation.
- Made from impact, corrosion and UV resistant GRP.
- Operating temperature -30°C to + 130°C.

Order Code	Model No.	Price - Each 1 off
1051043279	NLJB68	£30.75

Magic Power Gel

- Two component gel potting compound and putty.
- Re-enterable and re-usable.
- Strong self amalgamating characteristics.
- Single bi-component bottle to make 1 litre of product.
- Can also be used as a putty once cured.
- Non toxic and safe.
- Dielectric strength: >23 kV/mm.
- Fast cross linking (approx 15 min at 25°C) with no exothermic reaction.
- Working temperature: -60°C to +200°C.
- Overload temperature for short periods: up to 250°C.
- No shelf life.
- Fungal and UV stabilised.





NLMGP1000

Order Code	Model No.	Colour	Quantity	Price - Each 1 off
1051040707	NLMGP1000	Blue	1 Litre	£51.84

APPROVALS

EN 50393; CEI 20-33, fire retardant according to IEC 332-1. CEI 20-33 (note: with testing under water head and water between the cable cores).

Magic Gel

- Two component gel potting compound.
- Re-enterable.
- Non toxic and safe.
- Dielectric strength: >23 kV/mm.
- Fast cross linking (<10 mins at 25°C with no exothermic reaction).
- Working temperature -60°C to +200°C.
- Overload temperature for short periods: up to 250°C.
- No shelf life even after the bottles have been opened.





NLMG1000

Order Code	Model No.	Colour	Quantity	Price - Each 1 off
1050362764	NLMG1000	Blue	1 Litre	£43.32

APPROVALS

EN 50393; CEI 20-33, fire retardant according to IEC 332-1. CEI 20-33 (note: with testing under water head and water between the cable cores).

Wonder Gel

- Single component gel in cartridge.
- Ready to use.
- Re-enterable and re-usable.
- No waste.
- Non toxic and eco friendly.
- Dielectric strength: >23 kV/mm.
- Working temperature: -60°C to +200°C.
- Overload temperature for short periods: up to 250°C.
- No shelf life.
- Self levelling and self amalgamating.

For applicator gun see page 297



NLMGW280

Order Code	Model No.	Colour	Quantity	Price - Each 1 off
1050392917	NLMGW280	Clear	280ml	£19.93

APPROVALS

EN 50393; CEI 20-33, fire retardant according to IEC 332-1. CEI 20-33 (note: with testing under water head and water between cable cores).

NEW

STAINLESS STEEL ENCLOSURES

SEE PAGE 226

Suitable for wash down areas



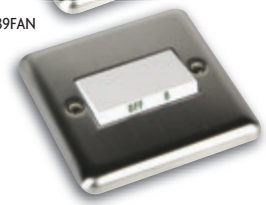
NLBS8900/2



NLBS8910/22



NLBS89FAN



NLBS8905/12



NLBS8913/S



Socket Outlets Double Pole

- Fits standard 25mm switch & socket box.
- Double pole.
- Two earth terminals.
- Manufactured to BS 1363.

1 YR

Plate Switches

- Fits standard 16mm switch & socket box.
- 10AX rated.
- Fully rated for fluorescent lighting.
- Manufactured to BS EN 60669-1.

CE 1 YR

Dimmer Switches - Push

- Fits standard 25mm switch & socket box.
- Low voltage and mains voltage rated.
- 2 gang 2 x 60/250W.
- 1 gang 60/400W.
- Manufactured to BS EN 550174, BS EN 60669-1.

CE 1 YR

Fuse Connection Units

- Fits standard 25mm switch & socket box.
- Includes 13 Amp fuse.
- Manufactured to BS 1363.

CE 1 YR

1 Gang 13A Switched Socket

Order Code	Model No.
1050368001	NL**BS**8900/1
1050367975	NL**BN**8900/1
1050368026	NL**PC**8900/1

Price - Each £12.68

2 Gang 13A Switched Socket

Order Code	Model No.
1050368002	NL**BS**8900/2
1050367976	NL**BN**8900/2
1050368027	NL**PC**8900/2

Price - Each £15.58

1 Gang 2 Way Plate Switch

Order Code	Model No.
1050368003	NL**BS**8910/12
1050367977	NL**BN**8910/12
1050368028	NL**PC**8910/12

Price - Each £9.77

2 Gang 2 Way Plate Switch

Order Code	Model No.
1050368004	NL**BS**8910/22
1050367978	NL**BN**8910/22
1050368029	NL**PC**8910/22

Price - Each £12.03

3 Gang 2 Way Plate Switch

Order Code	Model No.
1050368005	NL**BS**8910/32
1050367979	NL**BN**8910/32
1050368030	NL**PC**8910/32

Price - Each £20.83

1 Gang Intermediate Switch

Order Code	Model No.
1050368006	NL**BS**8910INT
1050367980	NL**BN**8910INT
1050368031	NL**PC**8910INT

Price - Each £17.02

3 Pole Fan Isolator

Order Code	Model No.
1050368007	NL**BS**89FAN
1050367981	NL**BN**89FAN
1050368032	NL**PC**89FAN

Price - Each £15.63

1 Gang 2 Way Dimmer Switch

Order Code	Model No.
1050368008	NL**BS**8905/12
1050367982	NL**BN**8905/12
1050368033	NL**PC**8905/12

Price - Each £23.32

2 Gang 2 Way Dimmer Switch

Order Code	Model No.
1050368009	NL**BS**8905/22
1050367983	NL**BN**8905/22
1050368034	NL**PC**8905/22

Price - Each £49.03

13 Amp Unswitched FCU

Order Code	Model No.
1050368010	NL**BS**8913/U
1050367984	NL**BN**8913/U
1050368035	NL**PC**8913/U

Price - Each £17.63

13 Amp Switched Double Pole FCU

Order Code	Model No.
1050368011	NL**BS**8913/S
1050367985	NL**BN**8913/S
1050368036	NL**PC**8913/S

Price - Each £15.14

13 Amp Switched Double Pole FCU + Neon

Order Code	Model No.
1050368012	NL**BS**8913/SN
1050367986	NL**BN**8913/SN
1050368037	NL**PC**8913/SN

Price - Each £16.20

NLBS8920/SN



Double Pole Switches 20A

- Stylish round edge plate.
- Fits standard 25mm switch & socket box.
- Manufactured to BS EN 60669-1.

CE 1 YR

NLBS8945/1N



NLBS8945/2NS



Double Pole Switches 45A

- Stylish round edge plate.
- Fits standard 47mm switch & socket box.
- Neon indication.
- 13 Amp switch socket.
- Manufactured to BS4177, BS1363.

1 YR

NLBS8975/MAS



Telephone Outlets

- Stylish round edge plate.
- Fits standard 25mm switch & socket box.
- Manufactured to BS7671.

CE 1 YR

NLBS8970/1



TV/FM Co-axial Sockets

- Stylish round edge plate.
- Fits standard 25mm switch & socket box.
- Manufactured to BS 3041.

1 YR

20A Double Pole Switch

Order Code	Model No.
1050368013	NL**BS**8920/S
1050367987	NL**BN**8920/S
1050368038	NL**PC**8920/S

Price - Each £20.20

20A Double Pole Switch + Neon

Order Code	Model No.
1050368096	NL**BS**8920/SN
1050367988	NL**BN**8920/SN
1050368039	NL**PC**8920/SN

Price - Each £22.59

45A Double Pole 1 Gang + Neon

Order Code	Model No.
1050368014	NL**BS**8945/1N
1050367989	NL**BN**8945/1N
1050368040	NL**PC**8945/1N

Price - Each £33.36

45A Double Pole Cooker Control c/w 13A Switched Socket + Neon

Order Code	Model No.
1050368015	NL**BS**8945/2NS
1050367990	NL**BN**8945/2NS
1050368041	NL**PC**8945/2NS

Price - Each £41.31

Telephone Outlet Single Master

Order Code	Model No.
1050368016	NL**BS**8975/MAS
1050367991	NL**BN**8975/MAS
1050368042	NL**PC**8975/MAS

Price - Each £19.48

Telephone Outlet Single Secondary

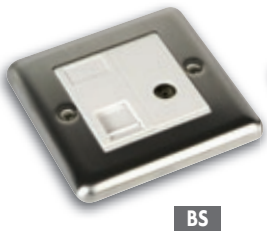
Order Code	Model No.
1050368017	NL**BS**8975/SEC
1050367992	NL**BN**8975/SEC
1050368043	NL**PC**8975/SEC

Price - Each £17.21

1 Gang Single Outlet TV/FM Co-axial

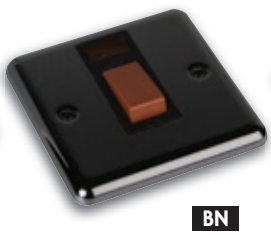
Order Code	Model No.
1050368018	NL**BS**8970/1
1050367993	NL**BN**8970/1
1050368044	NL**PC**8970/1

Price - Each £12.72



BS

Brushed Stainless Steel



BN

Black Nickel



PC

Polished Chrome

To order the correct colour refer to code that contains;

BS for **Brushed Stainless Steel**
BN for **Black Nickel**
PC for **Polished Chrome**

- Three different plate finishes.
- Double pole switched sockets for added safety.
- Two gang sockets with dual earth terminals for high integrity applications.
- Wide choice of customer mix and match on the modular data plates for all home entertainment needs.
- Concise range designed to meet the needs of modern living.
- Easy to install, even in retrofit - majority of devices fit standard depth Newlec back-boxes.
- Includes matching control switches such as fan isolators as well as traditional.
- 10AX rated light switches (fully rated for fluorescent lighting).
- Power control switches from 20A to 45A.
- Fused connection units.

NLBS8965



NLBS8980/1



NLBS8981/1MF



Shaver Socket

- Fits standard 47mm switch & socket box.
- 230V & 115V outlet sockets.
- Fitted with thermal cut out.
- Manufactured to BS EN 61558.

CE 1 YR

230/115 Volt Shaver Socket

Order Code	Model No.
1050368019	NL**BS**8965
1050367994	NL**BN**8965
1050368045	NL**PC**8965

Price - Each
£53.25

Blanking Plates

- Fits standard switch & socket box.

CE 1 YR

1 Gang Blanking Plate

Order Code	Model No.
1050368021	NL**BS**8980/1
1050367996	NL**BN**8980/1
1050368047	NL**PC**8980/1

Price - Each
£11.41

2 Gang Blanking Plate

Order Code	Model No.
1050368022	NL**BS**8980/2
1050367997	NL**BN**8980/2
1050368048	NL**PC**8980/2

Price - Each
£17.31

Data and AV Module Frames

- For use with data modules to customise data plates (see page 171 & 209).
- Fits standard 25mm switch & socket box.

CE 1 YR

1 Gang 1 Module Frame

Order Code	Model No.
1050368023	NL**BS**8981/1MF
1050367998	NL**BN**8981/1MF
1050368049	NL**PC**8981/1MF

Price - Each
£14.15

1 Gang 2 Module Frame

Order Code	Model No.
1050368024	NL**BS**8981/2MF
1050367999	NL**BN**8981/2MF
1050368050	NL**PC**8981/2MF

Price - Each
£13.96

2 Gang 4 Module Frame

Order Code	Model No.
1050368025	NL**BS**8982/4MF
1050368000	NL**BN**8982/4MF
1050368051	NL**PC**8982/4MF

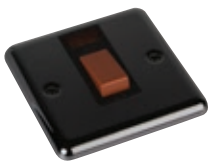
Price - Each
£17.93





BS

Brushed Stainless Steel



BN

Black Nickel



PC

Polished Chrome

To order the correct colour refer to code that contains;

BS for **Brushed Stainless Steel**
BN for **Black Nickel**
PC for **Polished Chrome**

Slimline Data and AV Module Frames

Order Code	Model No.	Type	Aperture Size (mm)	Price - Each 1 off
1051011713	NLSL8381/1MF	1 Gang 1 Module	25 x 50	£3.22
1051011714	NLSL8381/2MF	1 Gang 2 Module	50 x 50	£3.22
1051011715	NLSL8382/4MF	2 Gang 4 Module	100 x 50	£6.50

- Designed to accept data and AV modules (see below).
- Mix and match functionality for all communication and entertainment requirements.
- Fit standard back box fixing centres.
- Refer to module installed for minimum box depth.

CE 20 YR

NLSL8382/4MF



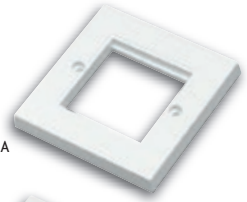
Data & AV Module Frames

Order Code	Model No.	Type	Aperture Size (mm)	Price - Each 1 off
1050393069	NLMF2A	1 Gang	50 x 50	£1.67
1050393070	NLMF4A	2 Gang	100 x 50	£3.69

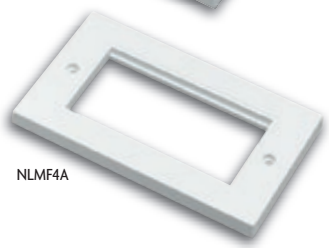
- For housing euro style 25 x 50mm modules only.
- Single gang flat faceplate for 2 x euro modules.
- For single gang single module use (2 x half module - NLBP.5A or 1 x full module blanks-NLBP1A).
- Double gang flat faceplate for 4 x euro modules.
- Supplied with fixings.

CE 2 YR

NLMF2A



NLMF4A



Data and AV Modules

Order Code	Model No.	Description	Colour	Price - Each 1 off
1050368078	NLX9978W	TV Module	White	£4.79
1050368079	NLX9989W	Satellite Point	White	£3.36
1050368080	NLX9980W	Telephone Master	White	£11.49
1050368081	NLX9981W	Telephone Secondary	White	£8.63
1050368082	NLX9988W	RJ45 (Data Cat 5e)	White	£10.31
1050368084	NLX9986W	Quadplexer (TV , FM & 2xSAT)	White	£38.26
1050368085	NLX6080W	½ Module Blank	White	£0.84
1050368086	NLX6081W	1 Module Blank	White	£1.14

- For use with data module frames to customise data plates.
- Fits standard 25mm depth switch & socket box.
- Variety of modules available for most customer requirements.
- Easy clip in module.
- Mix and match functionality.
- Single module size 25 x 50mm
- Manufactured to all relevant standards for outlets.

1 YR

NLX9978W NLX9980W NLX9989W





NLX9986W

For additional data modules & accessories see page 209

NEW

LED BULKHEAD

SEE PAGE 44

All the benefits of a traditional bulkhead with LED technology for increased energy saving





Grid Plates - Flush White Moulded


NL8801WHI

CE
10 YR

Order Code	Model No.	No. Modules	Dimensions H x W (mm)	Price - Each 1 off
1000017180	NL8801WHI	1	86 x 86	£2.30
1000017181	NL8802WHI	2	86 x 86	£2.30
1000017182	NL8803WHI	3	86 x 146	£5.12
1000017183	NL8804WHI	4	86 x 146	£5.12

Grid Plate - Flush Stainless Steel


NL8801SS

CE
10 YR

Order Code	Model No.	No. Modules	Dimensions H x W (mm)	Price - Each 1 off
1052048791	NL8801SS	1	86 x 86	£10.52
1052048792	NL8802SS	2	86 x 86	£10.52
1052048793	NL8803SS	3	86 x 146	£17.49
1052048794	NL8804SS	4	86 x 146	£17.49

Grid Plates - Surface Metalclad


NLGP001

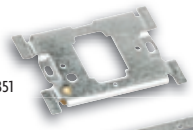

NLGP008

- For surface mounting boxes:
  - NLGB12 for 1 & 2 module plate.
  - NLGB34 for 3 & 4 module plate.
  - NLGB68 for 6 & 8 module plate.

CE
10 YR

Order Code	Model No.	No. Modules	Dimensions H x W (mm)	Price - Each 1 off
1050297359	NLGP001	1	77 x 77	£3.22
1050297360	NLGP002	2	77 x 77	£3.22
1050297361	NLGP003	3	137 x 77	£6.16
1050297362	NLGP004	4	137 x 77	£6.16
1052048803	NLGP006	6	137 x 137	£12.63
1052048804	NLGP008	8	137 x 137	£12.63

Grids


NL8851


NL8854

- When required for surface mounting assemblies, the fixing ears should be removed or bent downwards at 90°.
- Complete with earth terminal.

CE
10 YR

Order Code	Model No.	Type	No. Modules	Dimensions H x W (mm)	Price - Each 1 off
1000017184	NL8851	1 Gang	1	81 x 58	£2.37
1000017185	NL8852	1 Gang	2	81 x 58	£2.37
1000017186	NL8853	2 Gang	3	141 x 58	£3.30
1000017187	NL8854	2 Gang	4	141 x 58	£3.30

Grid Boxes

NLGB12


NLGB34


NLGB68

CE
10 YR

Order Code	Model No.	Type	Dimensions H x W x D (mm)	Price - Each 1 off
1050297363	NLGB12	1 & 2 Module	73 x 73 x 40	£3.05
1050297364	NLGB34	3 & 4 Module	73 x 133 x 40	£5.34
1052048805	NLGB68	6 & 8 Module	133 x 133 x 39	£10.80

For switch & socket boxes see pages 163-164

Grid Switch - Dimmer

A range of dimmer switches to control different light sources including:
- Mains voltage incandescent tungsten lamps.
- Mains voltage halogen lamps.
- Low voltage lamps.
- Dimmable CFL lamps.
- Dimmable LED lamps and fittings.

- Refer to the table to select the most suitable dimmer to control the required type of light source(s).
- It is not recommended to mix different light sources in a circuit.
- Single grid space.
- Adjustable minimum level (except NL8805/DP).
- The LED Grid dimmer has outstanding lamp compatibility:
  - Flicker-free and silent dimming.
  - Smart settings and minimum level pre-set.
  - Overload and thermal protection.
  - Leading and trailing edge.
  - Also fits euro plates.
- Non dimmable CFL and LED lamps should not be used with any of these dimmers.
- Installations must satisfy the minimum load on the dimmer being used and in line with any requirements or maximum number of lamps suitable for dimming with any one dimmer.
- Manufactured to BS EN55014, BS EN50082-1, BS EN60669-2-1.

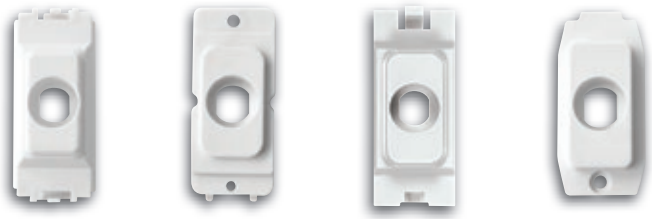
CE 2 YR



NL8806WA



Euro Module | Deta | Schneider | BG | Wandsworth



MK Logic | Hamilton | Hager | Crabtree

For White Moulded Dimmers see pages 149 & 155

For information on the operation and performance, load capacities and lamp suitability please refer to page 310

Supplied with the following grid fronts suitable for use with the manufacturers as indicated, in addition to Newlec (except NL8805/DP)

Order Code	Model No.	Type	Tungsten	Low Voltage	LED	CFL	Min. Box Depth (mm)	Price - Each 1 off
1052048817	NL8805/DP	60 - 400W DP 2 Way** White	60 - 400W	-	-	-	35	£19.94
2500933095	NL8806WA*	LED 5 - 250W 2 Way** White	-	-	5 - 250W	-	35	£108.34
2500933096	NL8806BA*	LED 5 - 250W 2 Way** Black	-	-	5 - 250W	-	35	£108.34
1051058136	NL8807W*	Multifunction 2 Way** White	40 - 500W	40 - 400VA	11 - 50W	11 - 66W	35	£54.89
1051058141	NL8807B*	Multifunction 2 Way** Black	40 - 500W	40 - 400VA	11 - 50W	11 - 66W	35	£49.81
1051058137	NL8808W*	1 - 10V, 4A Resistive 2 Way** White	1 - 70W Fluorescent Ballasts	-	1 - 70W LED Drivers	-	35	£54.89
1051058142	NL8808B*	1 - 10V, 4A Resistive 2 Way** Black	1 - 70W Fluorescent Ballasts	-	1 - 70W LED Drivers	-	35	£49.81

*9 Grid front options including Newlec **2 Way = 2 Way Switching

Grid Switches to Match Grid Dimmers

Order Code	Model No.	Description	Min. Box Depth (mm)	Price - Each 1 off
1051058143	NL8809INTW*	Intermediate Switch 3A Resistive White	35	£37.56
1051058145	NL8809INTB*	Intermediate Switch 3A Resistive Black	35	£37.56
1051058144	NL8809SWW*	Switch 4A Resistive 2 Way** White	35	£37.56
1051058146	NL8809SWB*	Switch 4A Resistive 2 Way** Black	35	£37.56

*8 Grid front options including Newlec

For White Moulded Dimmers see pages 149 & 155

For information on the operation and performance, load capacities and lamp suitability please refer to page 310



NL8809SWW



NL8809SWB

Available to Order

Grid Switch - 10AX Moulded Rocker



NL8810/1SP

- Fully rated for fluorescent and inductive loads.
- Single pole.
- Silver alloy contacts for low contact resistance.
- Single pole switching.
- Switches conform to BS EN 60669-1.
- Min box depth 40mm.

CE 10 YR

Order Code	Model No.	Type	Price - Each 1 off
1000017192	NL8810/1SP	1 Way	£4.20
1000017193	NL8810/2SP	2 Way	£5.08
1052048806	NL8810/RET	Retractive	£8.19

Grid Switches - 20A Moulded Rocker



NL8820/2SP



NL8820/2SPKEY



NL8820/WM



NL8820/CH



NL8820/DW



NL8820/F

- Silver alloy contacts for low contact resistance.
- Single or double pole switching.
- Fully rated for fluorescent and inductive loads.
- Switches conform to BS EN 60669-1.
- Min box depth 40mm.

CE 10 YR

Order Code	Model No.	Switching	Type	Marked	Price - Each 1 off
1000017194	NL8820/1SP	SP	1 Way	-	£5.06
1000017195	NL8820/2SP	SP	2 Way	-	£9.62
1000017197	NL8820/1DP	DP	1 Way	-	£7.21
1000017199	NL8820INT	-	Intermediate	-	£11.70
Printed Switches					
1052048807	NL8820/WM	DP	1 Way	Washing Machine	£8.64
1052048810	NL8820/CH	DP	1 Way	Cooker Hood	£8.64
1052048812	NL8820/F	DP	1 Way	Fridge	£8.64
1052048813	NL8820/FF	DP	1 Way	Fridge Freezer	£8.64
1052048814	NL8820/EF	DP	1 Way	Extractor Fan	£8.64
1052048815	NL8820/DW	DP	1 Way	Dishwasher	£8.64
Key Switches (Complete with Key)					
1000017198	NL8820/1DPKEY	DP	1 Way	-	£11.25
1000017196	NL8820/2SPKEY	SP	2 Way	-	£10.76
1052048816	NL8820/2SP ELT	DP	1 Way	Emergency Light	£8.64

Grid Accessories



NL8813/DP



NL8830RED

- Min box depth 40mm.

CE 10 YR

Order Code	Model No.	Description	Price - Each 1 off
1000017201	NL8830RED	Red Indicator	£12.35
1000017202	NL8880	Blank	£2.41
1000017200	NLKEY	Spare Key	£1.19
1052048818	NL8813/DP	Fused Connection Unit	£12.90

CUSTOM BUILD SERVICE

For modification of standard product or made to order socket outlet panels and transformers, built to your requirements, please call our helpline.

Newlec Custom Build Helpline:
01952 212 719



TICKS THE BOX EVERY TIME

Exclusive electrical products for professionals

Newlec®

Metalclad Accessories

- Front plates and boxes are manufactured from mild steel and powder coated in epoxy/polyester to give excellent scratch/corrosion resistance and durability when used in tough conditions.
- Sturdily built and ideal for industry, commerce and workshops.
- All metalclad items come complete with surface mounting box with 20mm knockouts.

Sockets Outlets - Switched



NL8400/2

- Manufactured and approved to BS 1363.
- Single pole switching.

20 YR

Order Code	Model No.	Type	Price - Each 1 off
1000009121	NL8400/1	1 Gang	£9.74
1000009122	NL8400/2	2 Gang	£12.28

Sockets Outlets - RCD



NL8400/2RCD

- 250V AC voltage rating.
- 13A current rating.
- 30mA rated tripping current.
- 250A breaking capacity.
- 1500A short circuit withstand.
- Double pole switching.
- Manufactured and approved to BS 7288.

1 YR

Electrically Latched

Order Code	Model No.	Type	Price - Each 1 off
1000009521	NL8400/1RCD	Single Socket, 2 Gang	£62.70
1000009522	NL8400/2RCD	Twin Socket, 2 Gang	£72.96

Switches



NL8410/12

- 6AX.
- Fluorescent rated.
- Manufactured and approved to BS EN 60669-1.

CE

20 YR

Order Code	Model No.	Type	Price - Each 1 off
1000009123	NL8410/12	1 Gang 2 Way	£7.66
1000009124	NL8410/22	2 Gang 2 Way	£8.97

Fused Connection Units



NL8413



NL8413SNFO



NL8413N

- Supplied with 13A fuse to BS 1362.
- Double pole switching.
- Manufactured and approved to BS 1363.

CE

20 YR

Order Code	Model No.	Switched	Neon	Flex Outlet	Price - Each 1 off
1000009126	NL8413	-	-	-	£11.51
1052051454	NL8413N	-	✔	-	£16.37
1000009125	NL8413S	✔	-	-	£12.82
1000009128	NL8413SFO	✔	-	✔	£14.42
1000009127	NL8413SN	✔	✔	-	£14.78
1000009129	NL8413SNFO	✔	✔	✔	£17.22

Double Pole Switches - 20A



NL8420SN

- Manufactured and approved to BS EN 60669-1.

CE

20 YR

Order Code	Model No.	Neon	Price - Each 1 off
1000009130	NL8420S	-	£11.68
1000009131	NL8420SN	✔	£13.12

- Manufactured from tough impact resistant thermoplastic which provides strength and durability.
- Enclosures are fitted with 20mm knockouts to accept standard UK conduit fittings.
- All knockouts include a unique drill start feature for use with 25mm conduit fittings if required.
- Generous wiring space in the back box.
- Temperature range -5°C to +40°C (Average value over 24 hour period not to exceed 25°C).

Socket Outlets

NL8600/1N



NL8600/22SW



NL8600/22SW66



NL8600/2RCD66



Order Code	Model No.	Type	Switched	IP Rating	Price - Each 1 off
1050309796	NL8600/1N	Single	-	55/40	£13.14
1050309800	NL8600/22SW	Twin	✔	55/40	£30.45
1050309801	NL8600/22SW66	Twin	✔	66	£51.17
1050309799	NL8600/2RCD66	Twin RCD	-	66	£91.81

- Socket outlets accommodate all types of BS 1363 plugs, including standard pre-wired plugs.
- IP66 sockets provide full IP rating when plug is inserted and lid closed.
- IP66 sockets accept virtually every type of 13A plug.
- NL8600/1N and NL8600/22SW are IP40 with plug inserted.
- RCD socket 30mA protected.
- NL8600/2RCD66 electrically latched.
- Sockets to BS 1363.
- RCD socket to BS 7288.

20 YR

Switches

NL8610/12N



NL8610/22N



Order Code	Model No.	Description	IP Rating	Price - Each 1 off
1050309797	NL8610/12N	1 Gang	55	£12.11
1050309798	NL8610/22N	2 Gang	55	£13.79

- Switches rated at 10AX.
- 2 way switching.
- Switches to BS EN 60669-1.

CE

20 YR

For IP rated time delay switch see page 154

Adaptable Boxes - Pre-galvanised

NL566KPG



NL551PPG

NL557KPG

- Steel boxes finished in pre-galvanised.
- Choice of plain sides or 20mm knockout sides.
- Manufactured to IEC 60670-1.

1 YR

Order Code	Model No.	Knockouts	Dimensions H x W x D (mm)	Price - Each 1 off
1000009007	NL550KPG	✔	75 x 75 x 37	£5.25
1000009010	NL551PPG	-	75 x 75 x 50	£5.91
1000009009	NL551KPG	✔	75 x 75 x 50	£5.91
1000009011	NL556KPG	✔	100 x 100 x 37	£6.33
1000009014	NL557PPG	-	100 x 100 x 50	£6.76
1000009013	NL557KPG	✔	100 x 100 x 50	£6.76
1000009006	NL566PPG	-	150 x 150 x 50	£10.53
1000009015	NL566KPG	✔	150 x 150 x 50	£10.53
1000009017	NL567PPG	-	150 x 150 x 75	£12.65
1000009016	NL567KPG	✔	150 x 150 x 75	£12.65

For holesaws see page 291

For grommets see page 164

Adaptable Boxes - Black Polyester Coated

NL567KB



NL551KB

NL556KB

- Steel boxes finished in black epoxy polyester.
- 20mm knockout sides.
- Manufactured to IEC 60670-1.

1 YR

Order Code	Model No.	Knockouts	Dimensions H x W x D (mm)	Price - Each 1 off
1000008368	NL550KB	✔	75 x 75 x 37	£5.84
1000008370	NL551KB	✔	75 x 75 x 50	£6.29
1000008372	NL556KB	✔	100 x 100 x 37	£6.97
1000008374	NL557KB	✔	100 x 100 x 50	£7.93
1000008376	NL566KB	✔	150 x 150 x 50	£12.31
1000008378	NL567KB	✔	150 x 150 x 75	£14.91

QUIET FANS

SEE PAGE 240

60% quieter than standard intermittent fans





Extensions Reels - Cassette/Open Type









- Complies to BS 61242 : 1998.
- Robust polypropylene construction.
- Design aids easy cable rewinding.
- Thermal cut-out protection.
- Supplied complete with plug.

NB: Capacities are based on cable total load and being fully unwound from the reel.

CE 3 YR

Order Code	Model No.	Cable Length (M)	Unwound Rating	Socket Outlets	Type	Voltage Type (V)	Cable Type	Price - Each 1 off
1052051455	NLER1010N	10	10A/2400W	4	Cassette	230	3 x 1mm²	£30.36
1050153239	NLER2013N	20	13A/3120W	4	Cassette	230	3 x 1.25mm²	£58.87
1050153243	NLER2513N	25	13A/3120W	4	Open Reel	230	3 x 1.25mm²	£55.10
1050153241	NLER5013N	50	13A/3120W	4	Open Reel	230	3 x 1.25mm²	£95.29
1050153240	NLER2516N	25	16A/1760W	2	Open Reel	110	3 x 1.50mm²	£106.47

Extension Reels - Retractable

- Compact spring return cable reel.
- Complete with ratchet and wall/ceiling fixing bracket.
- Suitable for use up to 10A unwound 110V-230V.
- Units have replaceable 10A fuse protection.
- Manufactured to BS EN 61316.
- NLFT150 - 3 core 1mm² PVC cable.
- NLFT260 - 3 core 1.5mm² PVC cable.

1 YR

Order Code	Model No.	Rating Unwound (Amps)	Cable Length (M)	Price - Each 1 off
1050153672	NLFT150	10	4	£253.72
1050153671	NLFT260	10*	8	£464.03

*The NLFT260 is supplied with a 10A fused fitted. The reel can be uprated to 16A by replacing the fused terminal block for an unfused version, ensuring the cable is suitably protected externally.





Extension Leads

- Newlec extension leads come fitted with a 13A fused plug.
- Manufactured to BS 1363/A


NLEL25

Extension Lead - 2 Way

10 YR

Order Code	Model No.	Cable Length (M)	No. Outlets	Switched	Neon	Price - Each 1 off
1050153247	NLEL25	5	2	✘	✘	£26.87


NLEL1W

Extension Lead - 4 Way

10 YR

Order Code	Model No.	Cable Length (M)	No. Outlets	Switched	Neon	Price - Each 1 off
1050151079	NLEL1W	1	4	✘	✘	£16.86


NLEL4SW

Extension Lead - 4 Way + Individually Switched

10 YR

Order Code	Model No.	Cable Length (M)	No. Outlets	Switched	Neon	Price - Each 1 off
1050344016	NLEL4SW	2	4	✔	✔	£28.89


NLEL2W

Extension Lead - 4 Way + Neon

10 YR

Order Code	Model No.	Cable Length (M)	No. Outlets	Switched	Neon	Price - Each 1 off
1000009158	NLEL2W	2	4	✘	✔	£17.78


NLEL6W

Extension Lead - 6 Way + Neon

10 YR

Order Code	Model No.	Cable Length (M)	No. Outlets	Switched	Neon	Price - Each 1 off
1000009408	NLEL6W	2	6	✘	✔	£23.71


NLEL4WHD

Extension Lead - 4 Way Heavy Duty + Neon

- Incorporates switch and fuse.
- Impact resistant.

10 YR

Order Code	Model No.	Cable Length (M)	No. Outlets	Switched	Neon	Price - Each 1 off
1000009410	NLEL4WHD	4	4	✘	✔	£41.61


NLEL4WSP

Extension Lead - 4 Way + Surge Protection + Neon

- Protects sensitive electronics from power surges and spikes.
- Manufactured to BS 1363/A and BS EN 60950.

3 YR

Order Code	Model No.	Cable Length (M)	No. Outlets	Switched	Neon	Price - Each 1 off
1000009514	NLEL4WSP	2	4	✘	✔	£28.92


NLEL6WSP

Extension Lead - 6 Way + Surge Protection + Neon

- Protects sensitive electronics from power surges and spikes.
- Manufactured to BS 1363/A and BS EN 60950.

3 YR

Order Code	Model No.	Cable Length (M)	No. Outlets	Switched	Neon	Price - Each 1 off
1000009515	NLEL6WSP	2	6	✘	✔	£28.89

- All Newlec trailing sockets are 13A rated.
- Manufactured to BS1363/4.

Trailing Socket - 1 Way

Order Code	Model No.	No. Outlets	Switched	Neon	Price - Each 1 off
1000009155	NLTS1W	1	✗	✗	£4.44

10 YR


NLTS1W

Trailing Socket - 2 Way + Neon

Order Code	Model No.	No. Outlets	Switched	Neon	Price - Each 1 off
1000009156	NLTS2W	2	✗	✔	£8.13

10 YR


NLTS2W

Trailing Socket - 4 Way + Neon

Order Code	Model No.	No. Outlets	Switched	Neon	Price - Each 1 off
1000009157	NLTS4W	4	✗	✔	£11.28

10 YR

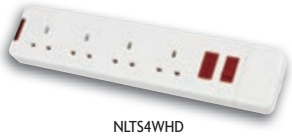

NLTS4W

Trailing Socket - 4 Way Heavy Duty + Neon

Order Code	Model No.	No. Outlets	Switched	Neon	Price - Each 1 off
1000009409	NLTS4WHD	4	✔	✔	£21.38

- Incorporates switch and fuse.
- Impact resistant.

10 YR


NLTS4WHD

Trailing Socket - 6 Way + Neon

Order Code	Model No.	No. Outlets	Switched	Neon	Price - Each 1 off
1000009407	NLTS6W	6	✗	✔	£14.04

10 YR


NLTS6W

Fuses - BS 1362 Plug Top

Order Code	Model No.	Rating (Amps)	Dimensions (mm) Dia.	Dimensions (mm) Length	Price - Pack 1 off
1050152901	NLF1	1	6.5	25.4	£6.69
1000015794	NLF2	2	6.5	25.4	£6.69
1000015795	NLF3	3	6.5	25.4	£6.69
1000015796	NLF5	5	6.5	25.4	£6.69
1050152902	NLF7	7	6.5	25.4	£6.69
1000015797	NLF10	10	6.5	25.4	£6.69
1000015822	NLF13	13	6.5	25.4	£6.69

- Suitable for 13A plug tops.
- 250V AC rated voltage.
- ASTA certified and tested in accordance with BS 1362.
- Supplied in pack of 10.

CE

NLF13



NLF5



Fuses - BS 1361 Consumer Units



NLCUF45
NLCUF30
NLCUF15

- 240V AC rated voltage.
- Approved for the protection of outgoing circuits in domestic consumer units.
- Supplied individually.

CE

Order Code	Model No.	Rating (Amps)	Colour	Dimensions (mm) Dia.	Length	Price - Each 1 off
1050152903	NLCUF5	5	White	5.35	23	£4.89
1050152904	NLCUF15	15	Blue	10.32	26	£9.32
1050152905	NLCUF20	20	Yellow	10.32	26	£9.32
1050152906	NLCUF30	30	Red	12.7	29	£10.33
1050152907	NLCUF45	45	Green	16.67	35	£24.18

Fuses - BS 1361 House Service Cut Out



NL60KR85
NL80KR85

- 415V AC rated voltage.
- Designed for use in conventional house cut outs.
- ASTA certified and tested in accordance with BS 1361.
- Supplied individually.

NB: Check suitability of fuse holders before inserting these fuse links.

CE

Order Code	Model No.	Rating (Amps)	Dimensions (mm) Dia.	Length	Price - Each 1 off
1050152899	NL60KR85	60	22.2	57.0	£12.60
1050152900	NL80KR85	80	22.2	57.0	£16.46

Plug Tops - 3 Pin Sleeved



NL13S

- ASTA certified.
- Fitted with colour coded sleeved pins.
- Available in 3A and 13A versions.
- White.
- Manufactured to BS 1363.

1 YR

Order Code	Model No.	Rating (Amps)	Price - Each 1 off
1050152538	NL3PT	3	£1.78
1000008354	NL13S	13	£1.77

Adaptors - Multiway



NL13/3WAY

- 3 pin sleeved.
- White.
- Manufactured to BS 1363.

1 YR

Order Code	Model No.	Description	Price - Each 1 off
1050151407	NL13/3WAY	3 Way 13A Fused	£4.56
1050151406	NL13/2WAY	2 Way 13A Unfused	£2.13
1050152539	NL13SA	Shaver Adaptor	£2.00

Plug Tops - Heavy Duty



NL13RB

- 3 pin sleeved.
- 13A fused.
- Manufactured to BS 1363/A.

10 YR

Order Code	Model No.	Colour	Price - Each 1 off
1000009162	NL13RB	Black	£5.03
1000009161	NL13RW	White	£5.03

In-Line Connectors



NLLCB

- 3 pin.
- Heavy duty construction.
- Manufactured to BS 5733.

10 YR

Order Code	Model No.	Colour	Price - Each 1 off
1000009159	NLLCW	White	£7.51
1000009160	NLLCB	Black	£7.51

RCDs - Plug-in



NLRA1330A

- Rating 230-250V AC.
- Maximum current 13A.
- Maximum load 3120W.
- Rated trip current 30mA.
- Typical trip speed 40mS.
- Manufactured to BS 7071.

5 YR

Electrically Latched

Order Code	Model No.	Type	Price - Each 1 off
1050360189	NLRA1330A	Adaptor	£21.99
1050360190	NLRP1330A	Plug	£22.90

Timers - Plug-in

- Plug-in controllers to switch appliances on/off at preset times.
- Compact design.
- Suitable for 13A (3kW) appliances, filament lamps up to 400W and 100W low energy/fluorescent lighting.
- Up to 24 on/off programmes per day (NL24HRST1).
- Up to 20 on/off programmes selectable over individual days.

Order Code	Model No.	Type	Price - Each 1 off
1050378517	NL24HRSTI	Mechanical	£11.66
1050378518	NL24HR7DDTSI	Electronic	£16.06

3 YR



NL24HRSTI



NL24HR7DDTSI

Bell Pushes

- Slim design - suitable for narrow door frames.
- Wipe clean surface.
- Weather resistant for outdoor use.
- Surface mounted.
- Supplied with fixing screws.
- Illuminated pushes require transformer.
- All other pushes are suitable for use in transformer and battery circuits up to a maximum rating of 24V 2A AC or DC.

Order Code	Model No.	Colour/ Finish	Illuminated	Price - Each 1 off
1050152510	NLBELLP1	White	✘	£2.73
1050152511	NLBELLP2	Black	✘	£2.73
1050152512	NLBELLP3	White	✔	£5.03
1050152513	NLBELLP4	Black	✔	£5.03

CE 5 YR



NLBELLP1



NLBELLP2



NLBELLP3



NLBELLP4

Doorbell Kit - Battery Powered

- Underdome bell housed in a white cabinet for added resonance, complete with:
  - White bell push, wire and fixings.
- Loud ringing sound suitable for both commercial and domestic applications.
- Battery powered - just wire the push to bell for easy installation.
- Bell can be located up to 9M from push.
- Typical battery life 4 years - alkaline.
- Requires 2 x R20/D alkaline batteries (not included).

Order Code	Model No.	Price - Each 1 off
1050152502	NLBELLK1	£20.95

CE 5 YR



NLBELLK1

Doorbell Kit - Battery Powered

- Complete chime kit with 5M bell wire and fixings.
- Ideal for home and workplace.
- 2 note chime.
- Approximately 12 months average battery life - alkaline.
- Requires 4 x AA alkaline batteries (not included).
- Can be powered by NLBELLT1 or NLBELLT2.

Order Code	Model No.	Price - Each 1 off
1050307587	NLBELLK5N	£13.32

CE 5 YR



NLBELLK5N

Door Chime Kit - Wire Free/Portable

- Easy to install.
- No wiring.
- Bell push takes 1 x 23A/12V MN21 alkaline battery (included).
- NLBELLK2NA requires 2 x LR14/C alkaline batteries (not included).

Order Code	Model No.	Range (M)	Type	Price - Each 1 off
1052051456	NLBELLK2NA	50	Battery	£21.55
1052051457	NLBELLK4NA	50	Plug In or Battery	£27.76

5 YR



NLBELLK2NA

Chimes

- Fixed wall mounted chimes with a variety of designs.
- Battery versions only require cabling from the push to the chime.
- Typical battery life 1 year - Alkaline (battery and power supplies not included).
- Using a transformer means there is no need to replace batteries and you can use the chime with illuminated pushes.

5 YR

NLBELLC1



NLBELLC4



NLBELLC3



NLBELLC2



NLBELLC5



Order Code	Model No.	Chime	db @ 1M	Power Supply Options		Price - Each 1 off
				Battery	Transformer	
2 Note						
1050152500	NLBELLC1	Ding Dong	80	4 x 1.5V R14/C	NLBELLT1 or NLBELLT2	£16.29
1050152498	NLBELLC2	Facet	80	4 x 1.5V R14/C	NLBELLT1 or NLBELLT2	£16.16
1050152501	NLBELLC3	Fiesta	75	-	NLBELLT2	£11.64
1050152509	NLBELLC5	Big Ben	80	-	Built In	£32.44
2 Note + Backdoor						
1050152499	NLBELLC4	Big Ben	80	4 x 1.5V R14/C	NLBELLT1 or NLBELLT2	£19.46

Bell Transformers

NLBELLT1





NLBELLT2

- For use with door chimes only.
- "Fail Safe" design, once a short circuit occurs they cannot be reset and reused.
- 220-240V AC.
- Conforms to IEC 61558-2-8.

CE

5 YR

For bellwire see page 99

Order Code	Model No.	Output	Mounting Type	Price - Each 1 off
1050152506	NLBELLT1	8V 1A	DIN/Surface	£13.96
1050152507	NLBELLT2	8V 1A	Surface	£10.21

Bell

- Underdome bell in black.
- Loud ringing sound suitable for both commercial and domestic applications.
- Power should be provided from an external transformer NLBELLT1.
- Using a transformer means that you can use the bell with illuminated pushes.
- Bell can be located up to 60M (197ft) from push.

5 YR

For transformers see page 184

NLBELLB1



Order Code	Model No.	db@1M	Price - Each 1 off
1050152504	NLBELLB1	85	£10.56

Bell

- Underdome bell housed in white cabinet for added resonance.
- Loud ringing sound suitable for both commercial and domestic applications.
- Battery power means that you only require a wire from the push to the bell.
- Typical battery life 4 years - Alkaline.
- Requires 2 x R20/D batteries (not included).
- Bell can be located up to 9M from push.

5 YR

NLBELLB2



Order Code	Model No.	db@1M	Price - Each 1 off
1050152505	NLBELLB2	80	£19.55

Buzzer

- Cylindrical design buzzer in white.
- Loud buzzer sound suitable for both commercial and domestic applications.
- Power should be provided from an external transformer NLBELLT1.
- Using a transformer means there is no need to replace the batteries and you can use the buzzer with illuminated pushes.
- Buzzer can be located up to 60M (197ft) from push when powered by transformer.

5 YR

For transformers see page 184

NLBELLB3



Order Code	Model No.	db@1M	Price - Each 1 off
1050152503	NLBELLB3	90	£7.30

Over the last two years UK demand for Electric Vehicles (EVs) and Plug-in Hybrid Electric Vehicles (PHEVs) has dramatically risen. Along with this rise comes the number of EV units being purchased to charge these vehicles at domestic and commercial locations. Figures to the end of July 2015 showed there was an increase in registrations of EVs of over 300% on the same period last year, pushing the UK up to second place in Europe for EV demand. With the leading vehicle manufacturers producing new EV and PHEV models each year, and with massive running cost savings on offer, businesses and homeowners are finding EVs to be the perfect choice.

The Newlec range of electric vehicle charging solutions is designed and built to be flexible and compatible with all leading manufacturers' electric vehicles and their communication protocols, including different types of modes and charging. The range covers both domestic and commercial applications and includes multiple charging capability for both J1772 and IEC 62196 applications.











Types and Modes of Charging

The Newlec range includes two key modes of charging for electric vehicles recognised in the UK and Europe.

Mode 2 Charging:

Non-dedicated circuit and socket outlet, charging with cable incorporated RCD protection.

- Mode 2 allows charging from any BS1363 13A domestic type socket.
- Mode 2 cables are provided with an in-cable control box (including RCD), set and adjusted to a specific charging power, and guarantee the provision of RCD protection during charging. A Mode 2 cable is essential for owners who don't have a dedicated Mode 3 charge point and these are normally supplied with the EV vehicle.

Mode 3 Charging:

Fixed and dedicated socket outlet

- Mode 3 is the preferred and safest solution for EV charging with full control and protection built in. Mode 3 chargers are defined in two configurations, either with a tethered cable or an IEC 62196 Type 2 dedicated socket outlet.

Mode 2 Charging:
13 amp domestic sockets

Mode 3 Charging:
IEC 62196 Type 2 sockets

Mode 3 Charging:
IEC 62196 Type 2 tethered leads;
J1772 Type 1 tethered leads

Types of dedicated charging connections



Type 1, J1772 – A 5-pin AC connector generally found on American and Asian vehicles. Usually via a 230V AC 16 amp or 32 amp single phase tethered lead.



Type 2, IEC 62196 – A 7-pin AC connector generally found on European vehicles. Usually via a 230V AC 16 amp or 32 amp socket.

WallPod: EV Ready

- Provides the low cost future proof solution that, in addition to charging an EV in Mode 2 format, doubles up as an outdoor IP65 rated domestic 13 amp maintenance socket.
- Satisfies planning requirements for EV charging. Ideal for homebuilders.
- Easily upgradable to full Mode 3 fast charging format (upgrade kits available).
- Includes overload and fault current protection (16A 30mA Type B RCBO).
- Available in a variety of colours including brick-matching terracotta/ brown - available upon request.
- Easy to install and maintain. Can be surface or cavity mounted.
- Has been certificated by the BSI as safe to use in the domestic environment.
- Complies with BS EN 60529: 1992 (IP65 Category 1).

Low Cost Home Charging Unit
Mode 2



NLEVWP1

CE 1 YR

Order Code	Model No.	Charging Mode	Tethered Cable	Socket Outlet	Rating (A)	Phase	RCBO Protection	IP Rating	Temperature (Degrees °C)	Dimensions (mm) H D W	Price - Each 1 off
1052090160	NLEVWP1	Mode 2	✘	Domestic 13A Socket	13A	Single	16A 30mA	IP65	-30°C to +50°C	367 142 179	£73.77

WallPod: EV

- Entry level home charging or commercial charging units, designed to offer full Mode 3 fast charging to every Electric Vehicle (EV) on the market today.
- Models available which are ideal for EV charging at home or for sites such as offices, factories, restaurants, hotels, sports venues, etc.
- Easy to install and maintain.
- 40A 30mA Type D RCBO protection; 32A (7.2kW), 230V AC/50Hz charging; Mode 3 IEC61851-1 compliant communication protocol.
- NLEVWP10 & NLEVWP11 come complete with dummy outlet to secure plug when not in use.
- NLEVWP12 comes with a Type 2 32A IEC 62196 socket c/w hatchlock.
- Further options available to order including units which incorporate a keyswitch, and a time clock and boost button system which allows the charging of the EV to automatically commence during off-peak electricity times/rates.
- Complies with BS EN 60529: 1992 (IP65 Category 1) & BSEN60335-1.
- Manufactured in compliance to BS7671 Wiring Regulations.

Entry Level, Fast Charging for Every Electrical Vehicle
Mode 3



NLEVWP10

CE 1 YR

Order Code	Model No.	Charging Mode	Tethered Cable	Socket Outlet	Rating (A)	Phase	RCBO Protection	IP Rating	Temperature (Degrees °C)	Dimensions (mm) H W D	Price - Each 1 off
1052090161	NLEVWP10	Mode 3	J1772 Plug, 5M Lead	✘	32A	Single	40A 30mA	IP65	-30°C to +50°C	367 142 179	£357.18
1052090162	NLEVWP11	Mode 3	IEC 62196 Plug, 5M Lead	✘	32A	Single	40A 30mA	IP65	-30°C to +50°C	367 142 179	£379.31
1052090163	NLEVWP12	Mode 3	✘	1 x IEC 62196 Socket	32A	Single	40A 30mA	IP65	-30°C to +50°C	367 142 179	£296.35

Available to Order

SecuriCharge: EV Wall Unit



NLEVSC1

Heavy Duty, Vandal Resistant with Lockaway Sockets
Mode 3

- A heavy duty, hard wearing, vandal resistant EV charging unit specifically designed and manufactured for public facing and exposed locations.
- Robust yet discreet wall mounted charging unit.
- Available in 1 way and 2 way, 32 amp (7.2kW) single phase charging versions.
- Type 2 IEC 62196 charging sockets:
  Mode 3 IEC61851-1 compliant communication protocol.
- Secure lockaway charging sockets (magnetic locks-opened by keyswitch control as standard) and features built-in electrical protection (40A 30mA Type D RCBO).
- Easy to install and maintain, and compliant with all EVs and PHEVs.
- Complies with BS EN 60529: 1992 (IP54 Category 1).
- Excludes cable.
- Manufactured in compliance with BS7671 Wiring Regulations.

CE 1 YR

Order Code	Model No.	Charging Mode	Tethered Cable	Socket Outlet	Rating (A)	Phase	RCBO Protection	IP Rating	PAYG	Temperature (Degrees °C)	Dimensions (mm) H	D	W	Price - Each 1 off
1052090164	NLEVSC1	Mode 3	✘	1 x IEC 62196 Socket	32A	Single	40A 30mA	IP54	✘	-30°C to +50°C	500	125	200	£487.66
1052090165	NLEVSC2	Mode 3	✘	2 x IEC 62196 Socket	32A	Single	40A 30mA	IP54	✘	-30°C to +50°C	500	125	200	£759.74

SecuriCharge: EV Wall Unit (Coin/Token PAYG)



NLEVSC3

Simple Pay-to-Charge Solution
Mode 3

- A heavy duty, hard wearing, vandal resistant EV charging unit specifically designed and manufactured for public facing and exposed locations.
- Robust yet discreet wall mounted charging unit.
- 1 way 32 amp (7.2kW) single phase.
- Type 2 IEC 62196 charging sockets:
  Mode 3 IEC61851-1 compliant communication protocol.
- Secure lockaway charging socket (magnetic lock-opened by coin/token), and features built-in electrical protection.
- Easy to install and maintain, and compliant with all EVs and PHEVs.
- Pay-as-you-charge options using either coin(s) or token (NLACEU1) - see page 208.
- Charge time indicating display.
- Excludes cable.
- Complies with BS EN 60529: 1992 (IP54 Category 1).

For tokens see page 190

CE 1 YR

Order Code	Model No.	Charging Mode	Tethered Cable	Socket Outlet	Rating (A)	Phase	RCBO Protection	IP Rating	PAYG	Temperature (Degrees °C)	Dimensions (mm) H	D	W	Price - Each 1 off
1052090166	NLEVSC3	Mode 3	✘	1 x IEC 62196 Socket	32A	Single	40A 30mA	IP54	Coin/Token	-30°C to +50°C	500	125	200	£1140.64

BasicCharge: EV Pedestal



NLEVCL2

Leading, Fast Charging EV Pedestal
Mode 3

- Tried and tested 1000mm high, versatile EV charging pedestal with 4W LED light.
- Ideal for a variety of locations including private car parks, offices, factories, hotels, cinemas, leisure centres, shops, warehouses, hospitals, schools, depots, etc.
- 1 and 2 way 32 amp (7.2kW) single phase charging.
- Type 2 IEC 62196 charging sockets:
  Mode 3 IEC61851-1 compliant communication protocol.
- Complete with security hatchlock facility, built-in overload and fault current protection (40A 30mA Type D RCBO).
- Easy to install and maintain. Compliant with all EVs and PHEVs.
- Complies with BS EN 60529 : 1993 (IP65 Category 1).
- Ground mount base plate available separately (NLGMCP1) - see page 208.

CE 1 YR

Order Code	Model No.	Charging Mode	Tethered Cable	Socket Outlet	Rating (A)	Phase	RCBO Protection	IP Rating	PAYG	Temperature (Degrees °C)	Dimensions (mm) H	D	W	Price - Each 1 off
1052090167	NLEVCL1	Mode 3	✘	1 x IEC 62196 Socket	32A	Single	40A 30mA	IP65	✘	-30°C to +50°C	1130	205	205	£456.20
1052090168	NLEVCL2	Mode 3	✘	2 x IEC 62196 Socket	32A	Single	40A 30mA	IP65	✘	-30°C to +50°C	1130	205	205	£661.12

PAYG - Pay As You Go Available to Order

AutoCharge: EV Pedestal Heavy Duty

- This charging pedestal offers a hard wearing EV charging solution, designed and manufactured for commercial and public facing environments requiring a versatile future-proof system.
- Can initially be installed as a free-to-charge pedestal and upgraded at a later date, if required, to accommodate a variety of pay-to-charge (PAYG) solutions including coin/token/RFID/bank/Virtual Pay.
- 2 way 32 amp (7.2kW) single phase charging.
- Type 2 IEC 62196 charging sockets:
  Mode 3 IEC61851-1 compliant communication protocol.
- Complete with hatchlock facility, built-in overload and fault current protection (40A 30mA Type D RCBO).
- Easy to install and maintain and compliant with all EVs and PHEVs.
- Ground mount base plate available separately (NLGMPG1) - see page 208.
- Excludes cable.
- Complies with BS EN 60529: 1992 (IP54 Category 2).



NLEVPG1

CE 1 YR

Order Code	Model No.	Charging Mode	Tethered Cable	Socket Outlet	Rating (A)	Phase	RCBO Protection	IP Rating	PAYG	Temperature (Degrees °C)	Dimensions (mm) H	D	W	Price - Each 1 off
1052090169	NLEVPG1	Mode 3	✘	2 x IEC 62196 Socket	32A	Single	40A 30mA	IP54	✘	-30°C to +50°C	1275	270	332	£967.01

AutoCharge: EV Pedestal Heavy Duty (Coin/Token PAYG)

- This charging pedestal offers a hard wearing EV charging solution, designed and manufactured for commercial and public facing environments requiring a versatile future-proof system.
- Easy to use, pay-as-you-charge system using either coin(s) or token (NLACEU1 - see page 208).
- Can be upgraded at a later date, if required, to accommodate RFID/bank/Virtual Pay systems.
- Each charging pedestal comes with "charge time availability screen" and a keyswitch operated charge time tariff configurator.
- 2 way 32 amp (7.2kW) single phase charging.
- Type 2 IEC 62196 charging sockets:
  Mode 3 IEC61851-1 compliant communication protocol.
- Complete with security hatchlock facility, built-in overload and fault current protection (40A 30mA Type D RCBO).
- Easy to install and maintain and compliant with all EVs and PHEVs.
- Ground mount base plate available separately (NLGMPG1) - see page 208.
- Excludes cable.
- Complies with BS EN 60529: 1992 (IP54 Category 2).

For tokens see page 190



NLEVTM1

CE 1 YR

Order Code	Model No.	Charging Mode	Tethered Cable	Socket Outlet	Rating (A)	Phase	RCBO Protection	IP Rating	PAYG	Temperature (Degrees °C)	Dimensions (mm) H	D	W	Price - Each 1 off
1052090170	NLEVTM1	Mode 3	✘	2 x IEC 62196 Socket	32A	Single	40A 30mA	IP54	Coin/Token	-30°C to +50°C	1275	270	332	£1560.32

Available to Order PAYG - Pay As You Go

EV Charging Support Products

Ground Mounting Bases



NLGMCP1

- Optional steel ground mounting bases.
- The NLGMCP1 is suitable for the BASICCHARGE (NLEVCL1 & NLEVCL2).
- The NLGMPG1 is suitable for the AUTOCHARGE (NLEVPG1 & NLEVTM1).

CE 1 YR

Order Code	Model No.	Description	Dimensions (mm) H	D	W	Price - Each 1 off
1052090171	NLGMCP1	Ground Mounting Base for BasicCharge	189	240	189	£21.95
1052090172	NLGMPG1	Ground Mounting Base for AutoCharge	270	487	270	£48.05

Plug to Plug Charging Leads



NLEVPP4

- Plug to plug and tethered charging cable options available.
- J1772 (Type 1) and IEC 62196 (Type 2) options.
- 16 amp (3.6kW) and 32 amp (7.2kW) variants.
- Manufactured to BS EN 60529: 1992 (IP54).

CE 1 YR

Order Code	Model No.	Lead Length (Metres)	Rating (A)	Plug to Plug	IP Rating	Price - Each 1 off
1052090173	NLEVPP1	5M	16A	IEC62196 Type 2 to J1772 Type 1	IP54	£123.92
1052090174	NLEVPP2	5M	32A	IEC62196 Type 2 to J1772 Type 1	IP54	£141.38
1052090175	NLEVPP3	10M	32A	IEC62196 Type 2 to J1772 Type 1	IP54	£185.85
1052090176	NLEVPP4	5M	16A	IEC 62196 Type 2 to Type 2 Lead (Male/Female)	IP54	£133.53
1052090177	NLEVPP5	5M	32A	IEC 62196 Type 2 to Type 2 Lead (Male/Female)	IP54	£149.23
1052090178	NLEVPP6	5M	32A	IEC 62196 Type 2 to Type 2 Lead 3P (Male/Female)	IP54	£171.18

EV: ChargeCheck



NLEVTU1

Portable EV Charge Tester (1 x EV ChargeCheck + Adaptor Cable + Carry Bag)

- EV ChargeCheck has been designed to provide every electrician with the ability to confidently carry out a comprehensive and accurate test of all EV fast charging stations in the UK.
- Designed to carry out a full range of tests on all 16 amp (3.6kW) and 32 amp (7.2kW) single phase, Mode 3, J1772 (Type 1) and IEC 62196 (Type 2) EV charging points.
- Simulates an electric vehicle. Tests IEC61851-1 Mode 3 Communication compliance, RCD/RCBO and earth loop testing.
- Comes complete with a 1 metre Type 1 to Type 2 plug to plug test adaptor.
- Manufactured to EN 60529: 1992.

CE 1 YR

Order Code	Model No.	Description	Dimensions (mm) H	D	W	Price - Each 1 off
1052090179	NLEVTU1	EV ChargeCheck - Portable EV Charge Tester	450	80	148	£403.51

Tokens for Token Mechanism Products



- For use with PAYG EV chargers - NLEVSC3 and NLEVTM1.

1 YR

Order Code	Model No.	Description	Pack Qty	Price - Pack 1 off
1052090180	NLACEU1	Gold Coloured Token - Single Groove	100	£36.40

Available to Order

EV Parking Signs

- EV charging station signage enables people to clearly see where there is an EV charging point.
- Available in three sizes to suit different locations and applications.
- Durable corrosion-resistant aluminium.



1 YR

Order Code	Model No.	Description	Sign Dimensions (mm) H	W	Corner Radius	Fixing Point Dimensions (mm) Horizontal Centres	Vertical Centres	Hole Diameter (mm)	Price - Each 1 off
1052090181	NLEVPS1	Aluminium EV A3 Landscape Parking Sign	297	420	7.5	386	273	5	£62.66
1052090182	NLEVPS2	Aluminium EV A4 Landscape Parking Sign	210	297	7.5	282	194	5	£30.24
1052090183	NLEVSP3	Aluminium EV A5 Landscape Parking Sign	148	210	7.5	198	136	5	£26.21

Protection Barriers

- Galvanised steel powder-coated protection barriers to help protect your EV charging pedestal.
- Root mount (48mm) and surface bolted protection barriers (48mm) in Black



NLEVCB1 NLEVCB2

1 YR

Order Code	Model No.	Description	Price - Each 1 off
1052090184	NLEVCB1	Galvanised Powder Coated Root Protect Barrier	£102.02
1052090185	NLEVCB2	Galvanised Powder Coated Surface Protect Barrier	£120.33

General EV Options

- A range of accessories to complement Newlec EV charging units.
- Suitable for use with BASICCHARGE (NLEVCL1 & NLEVCL2) & AUTOCHARGE (NLEVPG1 & NLEVTM1).

CE 1 YR

Order Code	Model No.	Description	Price - Each 1 off
1052090186	NLEVAD1	Keyswitch Control up to 32A	£36.00
1052090187	NLEVAD2	Built-in Class 1 kWh Meter (Up to 45A MID Approved	£34.18
1050391128	NLCUT3A	Timer Analogue 1 Channel 24/7 (Up to 16A)	£47.21



NLEVAD1



NLEVAD2



NLCUT3A

Available to Order

Quick Connect - Industrial Plugs & Sockets

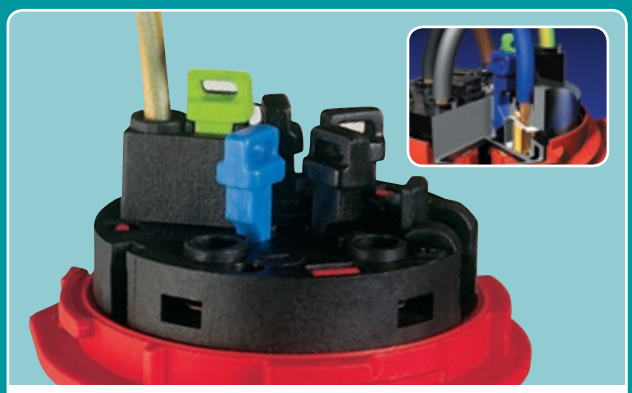
All Newlec industrial plugs and sockets are colour coded to provide simple identification of voltage rating:
110V - Yellow, **230V** - Blue and **400V** - Red.

The range is manufactured in accordance with EN 60309-2 and has IP44 Splash Proof Rating (IP67 available).



The Quick Connect range of industrial plugs and sockets utilises screwless terminal connections and can be used in a wide variety of commercial and industrial applications. The range provides significant cost and time saving benefits:

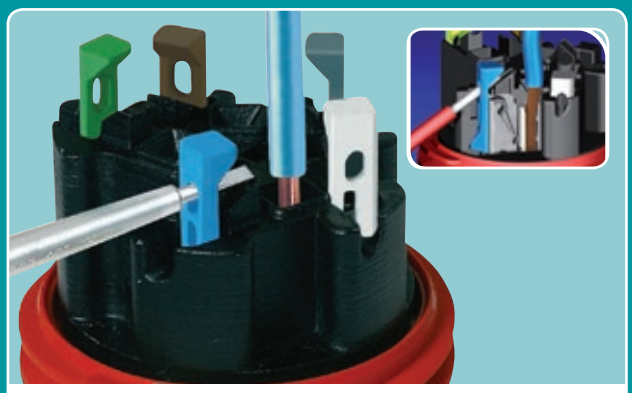
- Cage clamp terminals supplied open for quick installation.
- Maintenance free terminals.
- Shock and vibration resistance.
- Multigrip cable gland for easy and secure cable fixing.
- Two part body design makes wiring simple.
- Coded terminals for ease of wiring.
- Self cleaning contacts.
- Corrosion free terminals and chemical resistant.



Quick Connect saves time and labour and guarantees good termination (16A & 32A connector shown)



Simply push the terminal to lock. Reopen by pulling back terminal lever (16A & 32A plug)



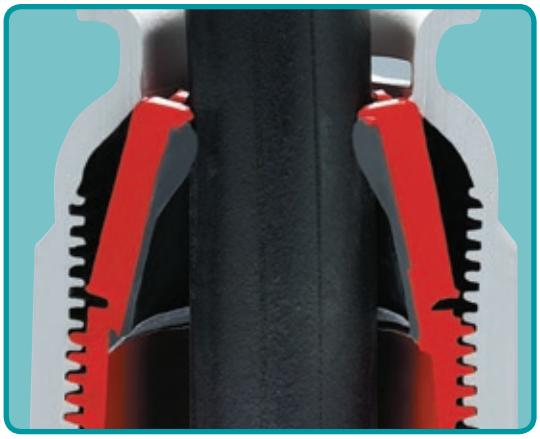
Screwless cage clamp terminals are open on delivery (63A plug and connector shown)



Lock engages automatically and securely on closing. Lock can be opened by turning clockwise with a screwdriver

The multigrip cable gland features across the range and adapts effortlessly to cable diameters. The following cables can be inserted, without affecting the capacity for strain relief.

Connector/ Plug	Cable Diameter	
	3 or 4 Pin	5 Pin
16A	8mm - 18mm	10mm - 21mm
32A	11mm - 23.5mm	13mm - 27mm
63A	16mm - 36mm	16mm - 36mm



Multigrip offers a better solution to the 'old style' cable glands - rubber reducing rings and internal strain relief systems are no longer needed.

Easier and faster wiring becomes possible - valuable time is saved in making connections:

- 32A 5 pin = 52% time saving*
- 63A 5 pin = 42% time saving*

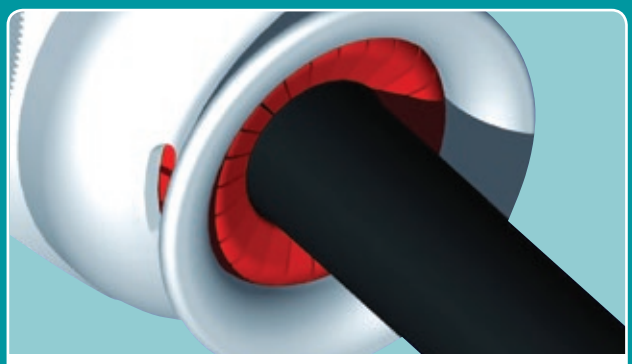
* Figures supplied by manufacturer



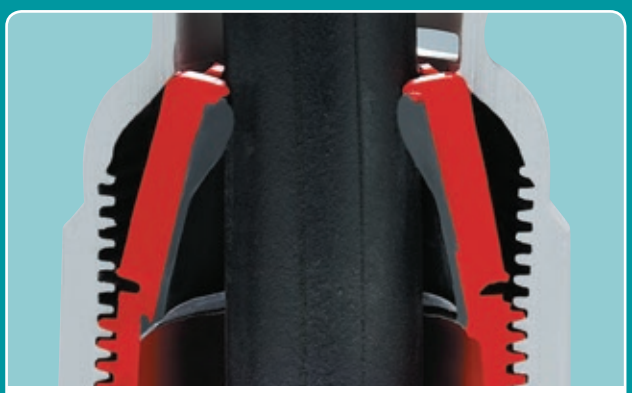
Saw tooth thread prevents unintentional loosening



Water will no longer remain in the flared opening; instead it leaves through the drainage holes (63A only)



18 flexible fins adapt themselves to the thinnest or thickest cable diameters when threaded fitting is tightened guaranteeing optimal strain relief



When firmly fastened, permanent rubber seal protects cable and offers up to IP67 protection

IP67 Industrial Plugs & Sockets

Following the success of the Newlec IP44 range of Industrial plugs and sockets we have extended this excellent range with a new selection of IP67 Industrial plugs & sockets and wall mounted interlocked switch sockets from 16A up to 125A. The new range has all the excellent features and quality you have come to expect from the IP44 range, including the multi grip gland system, but also gives high protection against dust and water ingress with an IP67 rating. As with the existing range we can supply further options or special requests through our custom build service - please call 01952 212 719 to discuss your requirements.

IP67 Plugs - Screw Terminals

NLS2316P67



NLS40125P67

- High dust and water ingress protection.
- Multi grip gland system.
- 63A and 125A have two piece body.
- Manufactured in accordance with EN 60309-2.
- IP67.

1 YR

Order Code	Model No.	Pins	Rating (Amps)	Voltage (V)	Price - Each 1 off
1051034149	NLS2316P67	2P+E	16	230V	£18.00
1051034151	NLS233P67	2P+E	32	230V	£30.92
1051034153	NLS4016P67	3P+N+E	16	400V	£25.02
1051034155	NLS4032P67	3P+N+E	32	400V	£37.88
1051034157	NLS40125P67	3P+N+E	63	400V	£78.83
1051034159	NLS40125P67	3P+N+E	125	400V	£247.71

IP67 Connectors - Screw Terminals

NLS2316C67



NLS40125C67

- High dust and water ingress protection.
- Multi grip gland system.
- 63A and 125A have two piece body.
- Manufactured in accordance with EN 60309-2.
- IP67.

1 YR

Order Code	Model No.	Pins	Rating (Amps)	Voltage (V)	Price - Each 1 off
1051034150	NLS2316C67	2P+E	16	230V	£22.04
1051034152	NLS2332C67	2P+E	32	230V	£33.66
1051034154	NLS4016C67	3P+N+E	16	400V	£27.06
1051034156	NLS4032C67	3P+N+E	32	400V	£43.66
1051034158	NLS4063C67	3P+N+E	63	400V	£88.89
1051034160	NLS40125C67	3P+N+E	125	400V	£284.22

Plugs - Screwless Terminals

NLP4016NP



- Maintenance free screwless terminals.
- Two piece body with multigrip gland.
- IP44.

1 YR

Order Code	Model No.	Pins	Rating (Amps)	Voltage (V)	Price - Each 1 off
1051013023	NLP1116P	2 P+E	16	110V	£11.82
1051013024	NLP1132P	2 P+E	32	110V	£21.00
1051013025	NLP2316P	2 P+E	16	230V	£10.20
1051013026	NLP2332P	2 P+E	32	230V	£21.00
1051013027	NLP2363P	2 P+E	63	230V	£103.13
1051013028	NLP4016P	3 P+E	16	400V	£18.42
1051013029	NLP4032P	3 P+E	32	400V	£24.28
1051013030	NLP4063P	3 P+E	63	400V	£109.69
1051013031	NLP4016NP	3 P+N+E	16	400V	£19.68
1051013032	NLP4032NP	3 P+N+E	32	400V	£24.94
1051013033	NLP4063NP	3 P+N+E	63	400V	£120.54

Connector - Screwless Terminals

NLP4016C



- Maintenance free screwless terminals.
- Two piece body with multigrip gland.
- IP44.

1 YR

Order Code	Model No.	Pins	Rating (Amps)	Voltage (V)	Price - Each 1 off
1051013034	NLP1116C	2 P+E	16	110V	£15.36
1051013035	NLP1132C	2 P+E	32	110V	£27.02
1051013036	NLP2316C	2 P+E	16	230V	£15.36
1051013037	NLP2332C	2 P+E	32	230V	£27.02
1051013038	NLP2363C	2 P+E	63	230V	£114.03
1051013039	NLP4016C	3 P+E	16	400V	£23.02
1051013040	NLP4032C	3 P+E	32	400V	£32.16
1051013041	NLP4063C	3 P+E	63	400V	£125.17
1051013042	NLP4016NC	3 P+N+E	16	400V	£30.74
1051013043	NLP4032NC	3 P+N+E	32	400V	£31.92
1051013044	NLP4063NC	3 P+N+E	63	400V	£136.62

Available to Order

Plugs - Screw Terminals

Order Code	Model No.	Pins	Rating (Amps)	Voltage (V)	Price - Each 1 off
1051013011	NLS1116P	2 P+E	16	110V	£5.67
1051013012	NLS1132P	2 P+E	32	110V	£15.02
1051013013	NLS2316P	2 P+E	16	230V	£5.67
1051013014	NLS2332P	2 P+E	32	230V	£15.02
1051013015	NLS4016P	3 P+N+E	16	400V	£17.37
1051013016	NLS4032P	3 P+N+E	32	400V	£21.11

- One piece body with multigrip gland.
- Screw terminals.
- IP44.

1 YR

NLS4016P



Connector - Screw Terminals

Order Code	Model No.	Pins	Rating (Amps)	Voltage (V)	Price - Each 1 off
1051013017	NLS1116C	2 P+E	16	110V	£8.51
1051013018	NLS1132C	2 P+E	32	110V	£19.06
1051013019	NLS2316C	2 P+E	16	230V	£8.51
1051013020	NLS2332C	2 P+E	32	230V	£19.06
1051013021	NLS4016C	3 P+N+E	16	400V	£22.52
1051013022	NLS4032C	3 P+N+E	32	400V	£28.66

- One piece body with multigrip gland.
- Screw terminals.
- IP44.

1 YR

NLS1116C



Panel Sockets - Screwless Terminals

Order Code	Model No.	Pins	Rating (Amps)	Voltage (V)	Price - Each 1 off
1051013082	NL1116PS	2 P+E	16	110V	£8.82
1051013083	NL1132PS	2 P+E	32	110V	£16.44

- Maintenance free screwless terminals.
- IP44.

1 YR



NL1116PS

Wall Sockets - Screwless Terminals

Order Code	Model No.	Pins	Rating (Amps)	Voltage (V)	Price - Each 1 off
1051013045	NLP1116WS	2 P+E	16	110V	£16.54
1051013046	NLP1132WS	2 P+E	32	110V	£23.37
1051013047	NLP2316WS	2 P+E	16	230V	£16.54
1051013048	NLP2332WS	2 P+E	32	230V	£23.37
1051013049	NLP2363WS	2 P+E	63	230V	£144.24
1051013050	NLP4016WS	3 P+E	16	400V	£21.00
1051013051	NLP4032WS	3 P+E	32	400V	£30.61
1051013052	NLP4063WS	3 P+E	63	400V	£152.07
1051013053	NLP4016NWS	3 P+N+E	16	400V	£22.51
1051013054	NLP4032NWS	3 P+N+E	32	400V	£30.24
1051013055	NLP4063NWS	3 P+N+E	63	400V	£160.72

- Maintenance free screwless terminals.
- Heat resistant contact carrier.
- Problem free wiring even in the case of connection from below.
- IP44.

1 YR

NLP4032WS



Two Gang Surface Mounted Sockets - Screwless Terminals

Order Code	Model No.	Pins	Rating (Amps)	Voltage (V)	Price - Each 1 off
1051013084	NL1116DS	2 P+E	16	110V	£83.85
1051013085	NL2316DS	2 P+E	16	230V	£83.85

- Maintenance free screwless terminals.
- IP44.

1 YR

NL2316DS



Available to Order

Combination Units

- All components mounted on enclosure back plate for ease of wiring.
- Switched interlock means the device cannot be switched on until plug is fully inserted. The plug cannot be withdrawn when the switch is in 'ON' position.
- Top and bottom cable entry with pre-cut metric thread.
- All units internally pre-wired.
- Good sealing through foamed seal.
- IP44 (IP67 available).
- Additional configurations available to order.
- RCDs are mechanically latched.
- Conform to IEC 61439 where applicable.

See Custom Build Helpline on page 175.



Socket and RCD Ratings

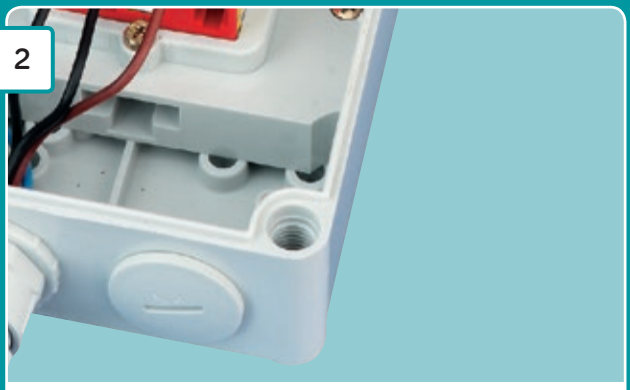
16A = 25A 30mA Triple Pole RCD
32A = 40A 30mA Triple Pole RCD
63A = 63A 30mA Triple Pole RCD

1



High quality isolator used with padlockable handle in 'OFF' position

2



Enclosure fixings outside of sealed enclosure interior to maintain IP rating

3



Corrosion resistant synthetic screws (refer to individual modules for variations)

4



Hinged cover opens from front reducing risk for dust and moisture ingress

IP67 Interlock Switched Sockets

Order Code	Model No.	Pins	Rating (Amps)	Voltage (V)	Price - Each 1 off
1051034161	NLP2316SS67*	2P+E	16	230V	£158.02
1051034162	NLP2332SS67	2P+E	32	230V	£217.09
1051034163	NLP4016SS67*	3P+N+E	16	400V	£162.80
1051034164	NLP4032SS67	3P+N+E	32	400V	£226.63
1051034165	NLP4063SS67	3P+N+E	63	400V	£367.10
1051034166	NLP40125SS67	3P+N+E	125	400V	£1260.85

*Lid screws are stainless steel not synthetic

- High dust and water ingress protection.
- Plug interlocking mechanism prevents removal of plug in the 'on' position.
- Top and bottom cable entry.
- Manufactured in accordance with EN 60309-2.
- IP67.

1 YR



NLP2316SS67

NLP40125SS67

Interlock Switched Sockets

Order Code	Model No.	Pins	Rating (Amps)	Voltage (V)	Price - Each 1 off
1051013056	NLP1116SS*	2 P+E	16	110V	£127.82
1051013057	NLP1132SS	2 P+E	32	110V	£193.73
1051013058	NLP2316SS*	2 P+E	16	230V	£131.77
1051013059	NLP2332SS	2 P+E	32	230V	£193.73
1051013060	NLP2363SS	2 P+E	63	230V	£337.05
1051013061	NLP4016SS*	3 P+E	16	400V	£145.81
1051013062	NLP4032SS	3 P+E	32	400V	£200.35
1051013063	NLP4063SS	3 P+E	63	400V	£347.92
1051013064	NLP4016NSS*	3 P+N+E	16	400V	£152.68
1051013065	NLP4032NSS	3 P+N+E	32	400V	£207.20
1051013066	NLP4063NSS	3 P+N+E	63	400V	£343.97

*Lid screws are stainless steel not synthetic

- Plug interlocking mechanism prevents removal of plug in the 'on' position.
- Top and bottom cable entry.
- Switch padlockable.
- IP44.

1 YR



NLP4032SS

Interlock Switched RCD Sockets

Order Code	Model No.	Pins	Rating (Amps)	Voltage (V)	Price - Each 1 off
1051013067	NL1116RSS	2 P+E	16	110V	£351.09
1051013068	NL1132RSS	2 P+E	32	110V	£374.37
1051013069	NL2316RSS	2 P+E	16	230V	£356.35
1051013070	NL2332RSS	2 P+E	32	230V	£374.71
1051013071	NL4016RSS	3 P+E	16	400V	£384.44
1051013072	NL4032RSS	3 P+E	32	400V	£385.26
1051013073	NL4016NRSS	3 P+N+E	16	400V	£384.56
1051013074	NL4032NRSS	3 P+N+E	32	400V	£418.67

- Plug interlocking mechanism prevents removal of plug in the 'on' position.
- Top and bottom cable entry.
- Switch padlockable.
- RCD 30mA.
- IP44.

1 YR

Mechanically Latched RCD



NLP4032NRSS

RCD Sockets

Order Code	Model No.	Pins	Rating (Amps)	Voltage (V)	Price - Each 1 off
1051013075	NL2316RS	2 P+E	16	230V	£221.18
1051013076	NL2332RS	2 P+E	32	230V	£242.88
1051013077	NL2363RS	2 P+E	63	230V	£371.03
1051013078	NL4016RS	3 P+E	63	400V	£266.19
1051013079	NL4032RS	3 P+E	32	400V	£279.32
1051013080	NL4016NRS	3 P+N+E	16	400V	£268.07
1051013081	NL4032NRS	3 P+N+E	32	400V	£283.16

- Top and bottom cable entry.
- RCD 30mA.
- IP44.

1 YR

Mechanically Latched RCD

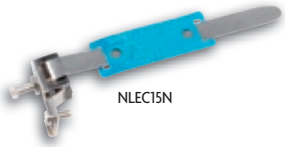


NL4032NRS

Available to Order

Earth Clamp - Standard BS 951


NLEC14N


NLEC15N


NLEC16N

Indoor
- Suitable for dry conditions.
- Terminal size A-D (2.5mm²-10mm²).
- Maximum earth conductor 1 x 10mm².
- Pipe diameter 12mm - 32mm.

Outdoor
- Suitable for wet or dry conditions.
- Terminal size A-D (2.5mm²-10mm²).
- Maximum earth conductor 1 x 10mm².

Pipe diameter 12mm - 32mm.

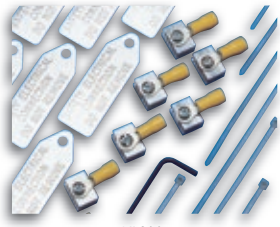
Outdoor - Heavy duty
- Suitable for wet conditions.
- Terminal size A-E (2.5mm²-16mm²).
- Maximum earth conductor 2 x 16mm².
- Pipe diameter 12mm - 32mm.

- All designed to comply with BS 951.

CE 1 YR

Order Code	Model No.	Material	Price - Each 1 off
Indoor			
1000016598	NLEC14N	Brass	£1.76
Outdoor			
1000009546	NLEC15N	Phosphor Bronze	£2.15
Outdoor - Heavy Duty			
1000009545	NLEC16N	Phosphor Bronze	£2.85

Earth Clamps - Easy


NL800

- Suitable for a wide range of earthing applications e.g. radiators, sinks etc.
- No drilling or special tools needed.
- Pack contains:
  - 10 x clamps.
  - 10 x safety labels.
  - 1 x allen key.
  - 20 x cable ties.

CE 1 YR

Order Code	Model No.	Price - Pack 1 off
1000008404	NL800	£21.13

Connector Blocks

NLCB5SPN



NLCB5DPN



- Black Phenolic housing complete with knockouts.
- Brass terminals, maximum conductor size 35mm².
- Single pole - 5 way.
- Double pole - 2 x 5 way.
- 230V AC rated 100A.

CE 1 YR

Order Code	Model No.	Type	Price - Each 1 off
1000009335	NLCB5SPN	Single Pole	£11.96
1000009336	NLCB5DPN	Double Pole	£20.19

Earthing Blocks

NLEB8W


NLEB4W

- Tinned brass earthing terminals.
- Supplied complete with slot head brass screws.
- Maximum conductor sizes:
  - 4 way 1 x 25mm² & 3 x 16mm².
  - 8 way 2 x 25mm² & 6 x 16mm².

CE 1 YR

Order Code	Model No.	Type	Price - Each 1 off
1050153796	NLEB4W	4 Way	£3.77
1050153797	NLEB8W	8 Way	£6.34

Earth Tape Conductors

Order Code	Model No.	Type	Price - Metre 1 off
1050156843	NL793	Bare Copper	£21.89
1050156844	NL794	PVC Insulated	£28.01

Bare Copper

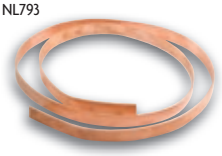
- 25 metre coils. (a cutting charge may apply to non-coil lengths.)
- Conductor size 25 x 3mm.
- High conductivity copper tape to BS EN 13601.

PVC Insulated

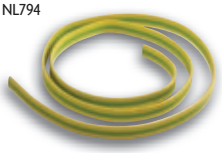
- 25 metre coils. (a cutting charge may apply to non-coil lengths.)
- Conductor size 25 x 3mm.
- Green/yellow PVC covered to BS 6746C.

CE 2 YR

NL793



NL794



Earthing Clamps & Clips

Order Code	Model No.	Nominal Rod Diameter (Inches)	Conductor Range	Price - Each 1 off
Earth Rod Clamps				
1000008553	NL784	5/8	16-70mm² Cable	£6.77
1000008554	NL785	5/8	25 x 12mm Tape (max.)	£10.25

Earth Rod Clamps

- High strength copper alloy body and screws.
  NL784 - Type G Rod to cable clamp.
  NL785 - Type A Rod to tape clamp.



NL784



NL785

Order Code	Model No.	Type	Price - Each 1 off
Metallic DC Tape Clamps			
1000015921	NL792	Square Clamp	£10.63
1051039233	NL792B	Bonding Clamp	£9.48
1051039234	NL792J	Junction Clamp	£14.86

Square Clamp

- Copper alloy square clamp for forming straight through, cross or tee joints in tape.
- Fix using countersunk wood screws.
- For use with 25 x 3mm bare copper tape.

Bonding Clamp

- Copper alloy clamp for bonding to steel structures.
- For use with 25 x 3mm copper tape.
- Bolt size M10.

Junction Clamp

- Copper alloy clamp for connection between overlapping tapes.
- For use with 25 x 3mm copper tape.



NL792



NL792B



NL792J

Order Code	Model No.	Price - Each 1 off
Metallic DC Tape Clips		
1000008557	NL788	£4.50

Metallic DC Tape Clips

- Manufactured from high quality copper alloys.
- Fix using countersunk wood screws.
- For use with bare copper tape 25 x 3mm
- Single clamping screw.



NL788

Order Code	Model No.	Colour	Price - Each 1 off
Non-metallic DC Tape Clips			
1000008555	NL787BRN	Brown	£1.14
1000008556	NL787GRN	Green	£1.14

Non-metallic DC Tape Clips

- Manufactured from high grade polypropylene.
- UV stabilised against degradation by sunlight and non-brittle to prevent cold weather damage.
- For conductor size 25 x 3mm.
  NL787BRN - For use with bare tape.
  NL787GRN - For use with PVC covered tape.

2 YR

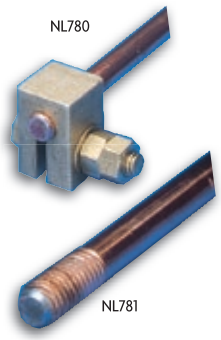


NL787GRN



NL787BRN

Earth Rods



- Manufactured by molecularly bonding 99.9% pure electrolytic copper onto a low carbon steel core.
- Highly resistant to corrosion.
- Due to the high tensile strength, can be driven by power hammers to great depths.
- NL780 - 3\8" unthreaded copperbond rod and lug clamp (M8 bolt size).
- NL781 - 5\8" threaded copperbond rod.

CE

2 YR

Order Code	Model No.	Diameter (inches)	Length (mm)	Price - Each 1 off
1000008550	NL780	3/8	1200	£17.11
1000008551	NL781	5/8	1200	£17.99

Earth Rod Accessories



- Counter bored couplings are made from high copper content alloy.
- High corrosion resistance and high strength.

CE

2 YR

Order Code	Model No.	Size (inches)	Type	Price - Each 1 off
1000008552	NL782	5/8	Coupler	£7.22
1000015922	NL783	5/8	Driving Stud	£2.43

Lightweight Inspection Pit



- Grey plastic lockable lid.
- Weighs only 1.8kg.
- High load bearing capacity 5,000kg (static load).
- Manufactured from high performance polymer.
- UV stable and chemical resistant.

CE

2 YR

Order Code	Model No.	Price - Each 1 off
1000015973	NL786	£53.28

Earth Bars and Disconnecting Links



- High quality 50mm x 6mm HD copper bar.
- Lightweight PVC insulating base entirely corrosion proof.
- Available with single or twin disconnecting links.
- M10 conductor studs.

CE

2 YR

Order Code	Model No.	Description	Size (mm) L x W x H	Price - Each 1 off
1050311315	NL798	Disconnecting Link only	125 x 90 x 77	£61.20
1050311312	NL795	6 Way	400 x 90 x 77	£154.23
1050311313	NL796	6 Way with Single Link	475 x 90 x 77	£175.60
1050311314	NL797	6 Way with Twin Link	550 x 90 x 77	£222.67
1051091179	NL795/8	8 Way	500 x 90 x 77	£195.59
1051091180	NL796/8	8 Way with Single Link	575 x 90 x 77	£230.93
1051091181	NL797/8	8 Way with Twin Link	650 x 90 x 77	£274.18
1051091182	NL795/10	10 Way	650 x 90 x 77	£286.73
1051091183	NL796/10	10 Way with Single Link	725 x 90 x 77	£292.64
1051091184	NL797/10	10 Way with Twin Link	800 x 90 x 77	£325.49
1051091185	NL795/12	12 Way	750 x 90 x 77	£325.95
1051091186	NL796/12	12 Way with Single Link	825 x 90 x 77	£330.43
1051091187	NL797/12	12 Way with Twin LInk	900 x 90 x 77	£360.27

NB. Please contact your local branch for custom built earth bars.

Available to Order

Tape - PVC Insulation

Order Code	Model No.	Colour	Price - Each 1 off
1050151268	NLTAPE2REDN	Red	£2.22
1050151267	NLTAPE2BLKN	Black	£2.22
1050151269	NLTAPE2BLUN	Blue	£2.22
1050151271	NLTAPE2YELN	Yellow	£2.22
1050151272	NLTAPE2WHIN	White	£2.22
1050151273	NLTAPE2BRNN	Brown	£2.22
1050268437	NLTAPE2GRYN	Grey	£2.22
1050151274	NLTAPE2G/YN	Green/Yellow	£2.22

- 19mm wide.
- 33M long.
- Flame retardant PVC.
- Manufactured to BS EN 60454-3-1:1998.

1 YR

NLTAPE2BLUN



NLTAPE2BLKN

NLTAPE2G/YN

Tape - Self Amalgamating

Order Code	Model No.	Price - Each 1 off
1050318444	NLSATAPEN	£11.12

- 19mm wide.
- 10M long.
- Suitable for cable jointing, pipe wrapping and repair work.
- Ideal for waterproofing and protecting against corrosion.
- Colour: Black.
- Complies with BT M128B.

1 YR

NLSATAPEN



Tape - Gaffer

Order Code	Model No.	Price - Each 1 off
1050151403	NLGTAPEN	£13.13

- 50mm wide.
- 50M long.
- General purpose polyethylene coated waterproof cloth tape, with a pressure sensitive adhesive.
- Ideal for sealing, bundling and packaging.
- Colour: Silver.

1 YR

NLGTAPEN



Underground Warning Tape

Order Code	Model No.	Price - Each 1 off
1050153082	NLUGTAPEN	£58.84

- 150mm x 365M.
- Legend 'Caution Caution Caution Electric Cable Below'.
- Strong and durable.
- Rot resistant polyethylene - virgin grade.
- Colour fast and lead-free.
- Indelible black on yellow background.

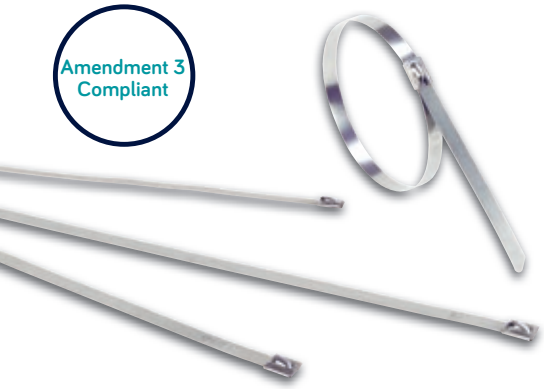
1 YR



NLUGTAPEN

Stainless Steel Cable Ties

Amendment 3 Compliant



For stainless steel cable tie tool see page 283

The ball-lock type stainless steel ties are self locking, requiring no time consuming crimping or folding operations.

- Strong self locking mechanism (stainless steel ball), with low insertion force.
- Suitable for most applications, indoor and outdoor.
- Suitable for high temperature environments -80°C to +3000°C.
- Non-magnetic stainless steel 316 grade (marine grade) for extra corrosion resistance and UV resistant.
- Supplied in packs of 100.
- Applications: installation of cables and pipes in extreme conditions and hazardous areas, such as: petrochemical and food processing industries. Power stations, mining, shipbuilding, offshore and other aggressive environments.

Order Code	Model No.	Length (mm)	Width (mm)	Material Thickness (mm)	Maximum Bundle Diameter (mm)	Minimum Tensile Strength (N)	Price - Pack 1 off
1051053694	NLTS01SS	100	4.6	0.26	20	440	£30.40
1051053695	NLTS05SS	200	4.6	0.26	50	440	£42.17
1051053696	NLTS08SS	300	4.6	0.26	80	440	£50.92
1051053697	NLTS11SS	360	7.9	0.26	100	1110	£72.20
1051053698	NLTS12SS	520	7.9	0.26	150	1110	£91.96
1051053699	NLTS13SS	680	7.9	0.26	200	1110	£115.89

Metal Fastening Nail

Amendment 3 Compliant



NLMDFN

For masonary bits see page 290

- Complies to Amendment 3:2015 (521.200) "Wiring Systems in Escape Routes".
- Made from Stainless Steel.
- Will hold 4kg up to 120min at 1030°C.
- Cable tie slot in head (9mm).
- Simply drill 6mm hole and fix.
- Pack quantity of 100.

Order Code	Model No.	Description	Dimensions (mm)	Price - Pack 1 off
1051091295	NLMDFN	Push in Fastener	6 x 36	£55.10

Cable Ties - Standard Single Piece



- Polyamide 6.6 (PA66).
- Quick & easy to install with high locking & tensile strength.
- Available in natural or black.
- Continuous operating temperature -40°C to 85°C.
- Halogen free, LSF (low smoke and fume).
- Lloyds Register Approved.
- Pack of 100.

CE

Order Code	Model No.	Dimensions (mm) L x W	Max Bundle Diameter (mm)	Tensile Strength (N/lb)	Price - Pack 1 off
Natural					
1051014945	NLTS01NA	100 x 2.5	22	80/18	£2.90
1051014947	NLTS02NA	150 x 3.6	35	135/30	£4.67
1051014949	NLTS03NA	140 x 2.5	55	80/18	£5.96
1051014951	NLTS04NA	200 x 4.6	35	225/50	£9.18
1051014953	NLTS05NA	200 x 2.5	50	80/18	£6.92
1051014955	NLTS06NA	200 x 3.6	50	135/30	£7.89
1051014957	NLTS07NA	250 x 4.6	65	225/50	£11.91
1051014959	NLTS08NA	300 x 4.6	85	355/50	£12.23
1051014961	NLTS09NA	385 x 4.6	110	355/50	£19.31
1051014963	NLTS10NA	385 x 7.6	100	535/120	£30.74
Black					
1051014946	NLTS01BA	100 x 2.5	22	80/18	£2.90
1051014948	NLTS02BA	150 x 3.6	35	135/30	£4.67
1051014950	NLTS03BA	140 x 2.5	55	80/18	£5.31
1051014952	NLTS04BA	200 x 4.6	35	225/50	£9.18
1051014954	NLTS05BA	200 x 2.5	50	80/18	£6.92
1051014956	NLTS06BA	200 x 3.6	50	135/30	£7.89
1051014958	NLTS07BA	250 x 4.6	65	225/50	£10.95
1051014960	NLTS08BA	300 x 4.6	85	355/50	£12.23
1051014962	NLTS09BA	385 x 4.6	110	355/50	£18.35
1051014964	NLTS10BA	385 x 7.6	100	535/120	£30.74

Cable Tie Mounts



NLTMP219NA



NLTMP219BA

- High-strength synthetic rubber adhesive.
- Polyamide 6.6 base.
- Halogen free, LSF (low smoke & fume).
- Continuous operating temperature -40°C to 85°C.
- Screw mount option.
- Pack of 100.

Order Code	Model No.	Dimensions L x W (mm)	Price - Pack 1 off
Natural			
1051014966	NLTMP219NA	19 x 19	£32.18
1051014968	NLTMP425NA	28 x 28	£47.47
Black			
1051014965	NLTMP219BA	19 x 19	£32.18
1051014967	NLTMP425BA	28 x 28	£47.47

Sleeving - PVC

Order Code	Model No.	Colour	Bore Diameter	Price - Each 1 off
1050331971	NLB4NH	Black	4mm	£19.55
1050331973	NLBL3NH	Blue	3mm	£16.04
1050331974	NLBL4NH	Blue	4mm	£19.55
1050331976	NLBRN3NH	Brown	3mm	£16.04
1050331977	NLBRN4NH	Brown	4mm	£19.55
1050335112	NLGR4NH	Grey	4mm	£19.55
1050331978	NLGY2NH	Green/Yellow	2mm	£12.34
1050331979	NLGY3NH	Green/Yellow	3mm	£16.04
1050331980	NLGY4NH	Green/Yellow	4mm	£19.55
1050331981	NLGY5NH	Green/Yellow	5mm	£24.20

- For cable identification.
- Supplied in 100M lengths.
- Manufactured to BS 2848 Type 3 Class 85T.

CE 3 YR



Connector Strips

Order Code	Model No.	Rating (Amps)	Price - Pack 1 off
1050153353	NLCS2.5	2.5	£13.75
1050153354	NLCS5	5	£15.55
1050153355	NLCS15	15	£30.02
1050153356	NLCS30	30	£48.63

- 12 way divisible connector strips.
- Manufactured from thermoplastic.
- Unique 'snap-off' spine design.
- Maximum continuous temperature rating 80°C.
- Nominal voltage 450V.
- Fully backed-out screws to speed installation.
- Large cable entry.
- Manufactured to BS EN 60998-1.
- Supplied in packs of 10.

1 YR



NLCS30

Connection Box

Order Code	Model No.	Price - Each 1 off
1051042708	NLCHOC30A	£2.29

- For the protection of electrical connections.
- For 2A-30A terminal strips (not included).
- External easy to use cable clamps.
- One piece snap over cover.
- Optional screw or tie wrap facility for installation fixing.
- Complete with fixing screws.
- 28 x 110 x 49mm (H x W x D including clamps).
- IP20.
- Tested to BS EN 60598-1 (13.3.2) 650°C glow-wire.



NLCHOC30A

Gel Connector Covers

Order Code	Model No.	Colour	No. of Poles	Price - Each 1 off
1050392918	NLMG2C	Green	2	£4.65
1050392919	NLMG3C	Green	3	£6.00

- Re-enterable and re-usable submersible protection for strip connectors - up to 2 pole 10amp (5 amp recommended) for NLMG2C and 3 pole 15amp for NLMG3C.
- Fully submersible to high depths in accordance to EN 50393.
- No shelf life and non toxic.



NLMG2C

APPROVALS

- EN 50393 and CEI 20-33 (note with testing under water head and water between the cable cores).
- In class 2 according to standard CEI 64-8.



NLMG3C

Waterproof Plug & Socket Connectors

Order Code	Model No.	Cable Diameter Range	Price - Each 1 off
1051042706	NLWPC1	5 - 9mm	£12.99
1051042707	NLWPC2	8 - 13mm	£16.82

- 3 pole 16A, 250V AC/DC connector.
- IP68 - 2 bar (20M depth) 30 minutes.
- Wide cable capacity up to 4mm².
- Quick-release latch collar mechanism to open.
- Current rating: 16A (max) rated on 2.5mm² cable, 10A rated on 1.5mm² cable.
- Temperature range -25°C to +80°C.
- IEC 61984 approved.



NLWPC1

Grommets


NLGROM1N

- Manufactured from PVC.
- Chemical resistant.

1 YR

Order Code	Model No.	Size	Type	Pack Qty	Price - Pack 1 off
1000009461	NLGROM0N	M20	Through	25	£2.95
1000009462	NLGROM1N	M20	Blind	25	£3.87
1000009463	NLGROM2N	M25	Through	25	£5.90
1000009464	NLGROM3N	M25	Blind	25	£6.34
1050151291	NLGROM4N	M32	Through	10	£5.59
1050151292	NLGROM5N	M32	Blind	10	£5.90

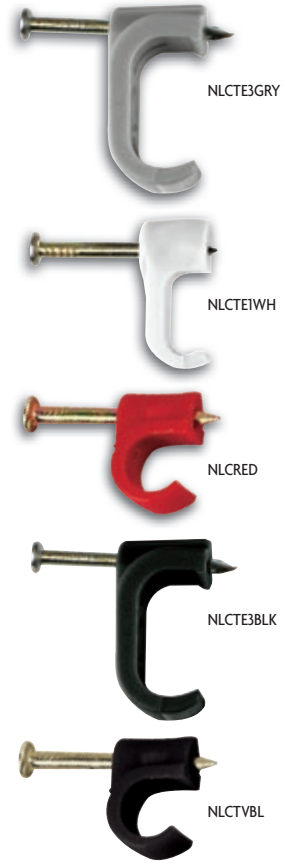
Grommet Strip


NLGROMSTRIP3

- Flexible 'U' design to line irregular shaped holes through panels or bulkheads to prevent chafing of cables and pipes.
- For use on panels with thickness ranging from 0.4 - 1.3mm.
- Made from highly flexible polyethylene.

Order Code	Model No.	Length (M)	Price - Each 1 off
1051043277	NLGROMSTRIP3	25	£17.55

Cable Clips


NLCTE3GRY
NLCTE1WH
NLCRED
NLCTE3BLK
NLCTVBL

- For fast installation of cables.
- Made from impact resistant UV stabilised polypropylene.
- Safety nail bends before breaking - hardened and zinc coated.
- Can withstand high impact together with extremes of heat, cold and acid.
- Flexible design - for use with various sizes of cable.
- Features a return 'hook' that holds the cable tightly assisting installation.
- Temperature range -40°C to +80°C.

CE

Flat Cables

Order Code	Model No.	For Use with Cable	Colour	Pack Qty	Price - Pack 1 off
1050151261	NLCBELL	Bell Wire	Clear	100	£3.00
1050151252	NLCTE1GRY	6242Y - 1/1.5mm	Grey	100	£4.46
1050151254	NLCTE2GRY	6242Y - 2.5mm	Grey	100	£5.03
1050151256	NLCTE3GRY	6242Y - 4 & 6mm	Grey	100	£6.32
1050151258	NLCTE4GRY	6242Y - 10mm	Grey	50	£5.51
1051014977	NLCTE1WH	6242Y - 1/1.5mm	White	100	£4.38
1050151250	NLCDTE2GRY	6242Y - Double 2.5mm	Grey	100	£6.73
1050151286	NLC3CGRY	6243Y - 1/1.5mm	Grey	100	£4.05
1051014978	NLCTE2WH	6242Y - 2.5mm	White	100	£4.70
1051091293	NLCTE3WH	6242Y - 4 & 6mm	White	100	£10.70

Round Cables

Order Code	Model No.	Suitable for cable diameter	Colour	Pack Qty	Price - Pack 1 off
1050151263	NLCR2	3 - 5mm	White	100	£3.49
1050151264	NLCR3	6 - 7mm	White	100	£4.38
1050151284	NLCRED	7 - 8mm	Red	100	£5.19
1050151265	NLCR4	7 - 8mm	White	100	£5.03
1050341486	NLCR4.5	9 - 11mm	White	100	£10.62
1050341487	NLCR4.5RED	9 - 11mm	Red	100	£8.19
1050151266	NLCR5	12 - 14mm	White	100	£9.00
1050151283	NLCR6	15 - 18mm	White	50	£4.26

Coax/Satellite Cables

Order Code	Model No.	Coax/Sat Cables	Colour	Pack Qty	Price - Pack 1 off
1050151244	NLCTVBL	Single	Black	100	£4.22
1050151246	NLCTVBR	Single	Brown	100	£4.14
1050151264	NLCR3	Single	White	100	£4.38
1051091294	NLCTE3BLK	Double	Black	100	£12.40
1051091293	NLCTE3WH	Double	White	100	£10.70

Fire Clips

Amendment 3 Compliant


NLFSC30 NLFSC40 NLFSC50

For fire resistant fixings see page 298

- Can securely hold bundles of cables on a surface at 930°C for 2 hours.
- Manufactured to satisfy Amendment 3 legislation requirements to secure all surface cables in escape routes.
- Can fit most traditional PVC trunking from 25mm to 50mm wide.
- Easy to install, fold over tabs secure cable.
- Manufactured to BS 5839-1.

Order Code	Model No.	Clip Width (mm)	Max Trunking Width (mm)	Pack Quantity	Price - Pack 1 off
1050344939	NLFSC30	23	30	100	£52.56
1051088408	NLFSC40	31	40	50	£39.18
1051088409	NLFSC50	46	50	50	£47.27

Metal Safeplate

Order Code	Model No.	Pack Qty	Price - Pack 1 off
1051043278	NLSP1	100	£49.90

- Galvanised protective steel plate 50 x 76mm, with fixings.
- Helps to prevent penetration of cables & pipes by nails/screws when laying floorboards, installing wall panels or ceilings and during other fixing activities.
- Easy and quick to fit - no screws or nails.
- Meets NHBC requirements.
- NICEIC approved.



NLSP1

Fish Tape

Order Code	Model No.	Type	Price - Each 1 off
1050153069	NLSFT	Spring Steel	£25.82
1051042698	NLNFT	Nylon	£11.13

Spring Steel

- Made from flexible spring steel with plastic holder.
- Width 3.2mm and 1.6mm thickness.
- 50ft long - approx 15M.

Nylon

- Fish tape (20M) made from 3mm diameter nylon cord with brass looped end.
- For easy feeding of electrical cable through conduit tube.
- Non-conductive and non-corroding.
- Low friction smooth service.

1 YR


NLSFT


NLNFT

Warning Labels

Order Code	Model No.	Size (mm)	Material	Pack Qty	Price - Pack 1 off
1050298018	NL4242	100 x 60	Vinyl	10	£3.73
1050298019	NL4243	100 x 60	Vinyl	50	£11.92

- Self-adhesive vinyl.

1 YR



NL4242

Phase Discs

Order Code	Model No.	Colour	Price - Pack 1 off
1050152356	NL4238SA	Black	£6.12
1050298021	NL4239SA	Brown	£5.44
1050298022	NL4240SA	Grey	£5.44

- 25mm diameter self-adhesive vinyl.
- Pack of 30.

1 YR


NL4238SA NL4239SA NL4240SA

Warning Labels



NL4200SA



NL4201SA



NL4202SA



NL4203SA



NL4210SA



NL4211SA



NL4212SA



NL4214SA



NL4215SA



NL4220SA

- Fully weatherproof.
- Ideal for internal or external application.
- RPSA = Rigid plastic self adhesive.
- SAV = Self adhesive vinyl.
- Products compliant to BS 5499 (Safety Sign Regulations).
- Products conform to IEE Wiring Regulations BS 7671 (2001).

1 YR

Order Code	Model No.	Size (mm)	Material	Pack Qty	Price - Pack 1 off
1050152336	NL4200SA	50 x 50	RPSA	5	£10.14
1050152337	NL4201SA	50 x 50	RPSA	5	£10.14
1050152338	NL4202SA	75 x 25	SAV	10	£5.84
1050152339	NL4203SA	75 x 25	SAV	10	£5.84
1050152340	NL4210SA	75 x 25	SAV	10	£7.63
1050152341	NL4211SA	75 x 25	SAV	10	£7.63
1050152342	NL4212SA	75 x 25	SAV	10	£5.84
1050152344	NL4214SA	75 x 25	SAV	10	£5.84
1050152345	NL4215SA	75 x 25	SAV	10	£5.84
1050152346	NL4220SA	225 x 150	RPSA	1	£10.31

Inspection Labels



NL4221SA



NL4222SA



NL4230SA



NL4231SA

- SAV = Self adhesive vinyl.

1 YR

Order Code	Model No.	Size (mm)	Material	Pack Qty	Price - Pack 1 off
1050152347	NL4221SA	150 x 75	SAV	5	£6.64
1050152348	NL4222SA	140 x 45	SAV	5	£5.42
1050152351	NL4230SA	50 x 15	SAV	80	£6.64
1050152352	NL4231SA	50 x 15	SAV	80	£6.64

Shock Card/Health & Safety Sign



NL4225L



NL4227L

- LAM = laminated card.
- PVC = Polyvinyl Chloride.

1 YR

Order Code	Model No.	Description	Size (mm)	Material	Price - Each 1 off
1050152349	NL4225L	Shock Card	400 x 600	PVC	£16.97
1051039546	NL4227L	HSE Health and Safety Sign	297 x 420	LAM	£42.24

Wall Mounted Data Cabinets

A range of fully assembled wall mounted data cabinets with adjustable 19" profiles and lockable glass front doors. Available in 450mm and 600mm depths.

- Lockable toughened glass door with quick release hinges.
- Door can be hinged left or right.
- 4 fully adjustable 19" mounting rails.
- Cable gland entry top and bottom.
- Welded construction.
- Easy mount, 1 person installation.
- Removable side panels.
- IP20.

Order Code	Model No.	Type	Depth (mm)	Price - Each 1 off
1050393083	NL6UDWC450	6U	450	£155.16
1050393094	NL9UDWC450	9U	450	£170.83
1050393095	NL12UDWC450	12U	450	£194.30
1050393096	NL9UDWC600	9U	600	£205.20
1050393097	NL12UDWC600	12U	600	£245.30

2 YR CE



NL9UDWC450

Patch Panels

- High quality Cat5e and Cat6 rear punch IDC patch panels.
- 110/Krone/ Newlec NLC5ETOOLA compatible IDC style punchdown.
- Easy port identification - front slide in cable label.
- Terminating 4 pairs, 22-26 AWG, unshielded cable.
- Cat5e ISO11801 Class D or EN50173 Class D.
- Cat6 ISO11801 Class E or EN50173 Class E.
- Detachable rear cable management.
- Cage nuts included.

Order Code	Model No.	Type	No. Ports	Price - Each 1 off
1050393081	NLC5EPP24A	Cat5e	24	£92.40
1050393080	NLC5EPP48A	Cat5e	48	£167.51
1050393084	NLC6PP24A	Cat6	24	£103.05
1050393078	NLC6PP48A	Cat6	48	£175.14

2 YR CE



NLC5EPP24A



NLC5EPP48A

19" Rack Cage Nuts & Bolts

- Ideal for fitting patch panels and all manner of rack mounting equipment in 19" frames.
- Pack of 50.

Order Code	Model No.	Type	Price - Pack 1 off
1050393099	NLDWCCNB	Fixings for 19" Rack Mounts	£10.83



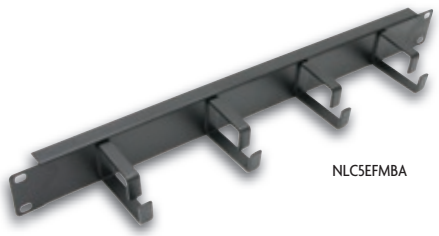
NLDWCCNB

Patch Panel Cable Management

- Ideal for ensuring good cable management within network 19" data cabinets and racks.
- Management is provided by 4 - welded steel cable rings.
- Horizontal orientation.
- Complete with fixings.

Order Code	Model No.	Type	Price - Each 1 off
1050393075	NLC5EFMBA	Front Mount	£15.38

2 YR CE



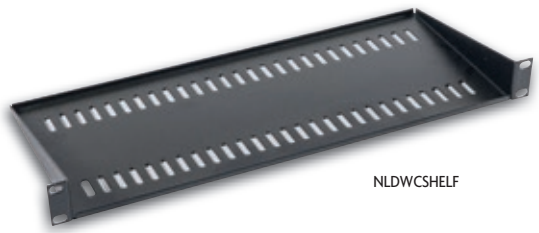
NLC5EFMBA

Cantilever Shelf

- Front mount 1U 19" 190mm deep cantilever shelf.
- Fit to front face of 19" mounting angles.
- Ideal for modems, hubs or other networking equipment.
- 1U height.
- 19" rack mount.

Order Code	Model No.	Type	Depth (mm)	Price - Each 1 off
1050393098	NLDWCSHELF	1U Shelf	190	£37.69

2 YR CE



NLDWCSHELF

Cat5e/6 Data Cable



- Easy pull box prevents snagging.
- Cat5e to EN50173 Class D.
- Cat6 to EN501781 Class E.
- Supplied in 305M boxes.

Order Code	Description	Price - Each 1 off
2500669784	Cat5e UTP 4 Pair PVC Grey	POA
1050338723	Cat5e UTP 4 Pair LSOH Violet	POA
1050341826	Cat6 UTP 4 Pair PVC Grey	POA
1050338724	Cat6 UTP 4 Pair LSOH Violet	POA

Patch Leads - Networking

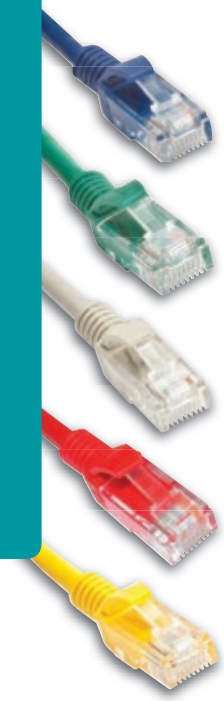


- Networking patch leads, suitable for data voice and ISDN patching.
- CCA conductor HD-PE dielectric, PVC outer, RJ45 connector.
- With fitted strain relief boots for added protection.

1 YR

Order Code	Model No.	Length (M)	Colour	Price - Each 1 off
1050151570	NLC5EUPL1GY	1	Grey	£1.79
1050151571	NLC5EUPL2GY	2	Grey	£2.45
1050151572	NLC5EUPL3GY	3	Grey	£3.17
1050151573	NLC5EUPL5GY	5	Grey	£4.62

Patch Leads - Cat5e



- High quality moulded Cat5e patch leads suitable for data, voice and ISDN patching.
- Cat5e patch lead with fully moulded strain relief boot.
- Individually bagged.
- PVC sheath.
- 100% 24 awg stranded copper core, suitable for power over ethernet.
- Tested to Cat5e ISO11801 Class D or EN50173 Class D.

2 YR CE

Order Code	Model No.	Type	Length (M)	Colour	Price - Each 1 off
1050393040	NLC5EPL1BL	Cat5e	1	Blue	£2.91
1050393043	NLC5EPL1GN	Cat5e	1	Green	£2.91
1050393086	NLC5EPL1GY	Cat5e	1	Grey	£2.91
1050393041	NLC5EPL1RD	Cat5e	1	Red	£2.91
1050393042	NLC5EPL1YW	Cat5e	1	Yellow	£2.91
1050393044	NLC5EPL2BL	Cat5e	2	Blue	£4.10
1050393047	NLC5EPL2GN	Cat5e	2	Green	£4.10
1050393087	NLC5EPL2GY	Cat5e	2	Grey	£4.10
1050393045	NLC5EPL2RD	Cat5e	2	Red	£4.10
1050393046	NLC5EPL2YW	Cat5e	2	Yellow	£4.10
1050393048	NLC5EPL3BL	Cat5e	3	Blue	£5.35
1050393051	NLC5EPL3GN	Cat5e	3	Green	£5.35
1050393088	NLC5EPL3GY	Cat5e	3	Grey	£5.35
1050393049	NLC5EPL3RD	Cat5e	3	Red	£5.35
1050393050	NLC5EPL3YW	Cat5e	3	Yellow	£5.35
1050393052	NLC5EPL5BL	Cat5e	5	Blue	£8.39
1050393055	NLC5EPL5GN	Cat5e	5	Green	£8.39
1050393089	NLC5EPL5GY	Cat5e	5	Grey	£8.25
1050393053	NLC5EPL5RD	Cat5e	5	Red	£8.39
1050393054	NLC5EPL5YW	Cat5e	5	Yellow	£8.39
1050393056	NLC5EPL10BL	Cat5e	10	Blue	£14.99
1050393059	NLC5EPL10GN	Cat5e	10	Green	£14.99
1050393090	NLC5EPL10GY	Cat5e	10	Grey	£14.99
1050393057	NLC5EPL10RD	Cat5e	10	Red	£14.99
1050393058	NLC5EPL10YW	Cat5e	10	Yellow	£14.99

Patch Leads - Cat6



- High quality moulded Cat6 patch leads suitable for data, voice and ISDN patching.
- Cat6 Patch Lead with moulded boot.
- Used for high speed transmission of voice and data.
- Supports gigabit ethernet.
- LSZH Sheath.
- 100% 24 awg stranded copper core, suitable for power over ethernet.
- Tested to Cat6 ISO11801 Class E or EN50173 Class E.

2 YR CE

Order Code	Model No.	Type	Length (M)	Colour	Price - Each 1 off
1050393060	NLC6PL1GY	Cat6	1	Grey	£3.37
1050393061	NLC6PL2GY	Cat6	2	Grey	£6.80
1050393062	NLC6PL3GY	Cat6	3	Grey	£8.45
1050393063	NLC6PL5GY	Cat6	5	Grey	£12.94

Available to Order

Data Modules - Cat5e

- Cat5e RJ45 low profile unshielded data module 25 x 50mm.
- LJ6C floor box data module 25 x 38mm.
- Hinged label window.
- 20mm deep.
- 568B wiring.
- 110/Krone/Newlec NLC5ETOOLA compatible IDC style punchdown.
- Cat5e ISO11801 Class D or EN50173 Class D.
- Provided with a cable tie feature.
- 6C module suitable for use in floorboxes (see page 138) NLFB2P6N & NLFB2P4N.

Order Code	Model No.	Type	Description	Mod. Size (mm)	Price - Each 1 off
1050393065	NLC5EDMA	Cat5e	RJ45 Data Module	25 x 50	£4.16
1050393082	NLC5EMD6CA	Cat5e	RJ45 - 6C Data Module Floor Box	25 x 38	£4.16

2 YR CE


NLC5EDMA


NLC5EMD6CA

Data Modules - Cat6

- Cat6 RJ45 low profile unshielded data module 25 x 50mm.
- LJ6C floor box data module 25 x 38mm.
- Hinged label window.
- 20mm deep.
- 568B wiring.
- 110/Krone/Newlec NLC5ETOOLA compatible IDC style punchdown.
- Tested to Cat6 ISO11801 Class E or EN50173 Class E.
- Provided with a cable tie feature.
- 6C module suitable for use in floorboxes (see page 138) NLFB2P6N & NLFB2P4N.

Order Code	Model No.	Type	Description	Mod. Size (mm)	Price - Each 1 off
1050393085	NLC6DMA	Cat6	RJ45 Data Module	25 x 50	£4.49
1050393079	NLC6MD6CA	Cat6	RJ45 - 6C Data Module Floor Box	25 x 38	£4.49

2 YR CE


NLC6DMA


NLC6MD6CA

Data Modules - Blanks

- Blank plates to fill spaces within mounting frames.
- Euro style half module 12.5 x 50mm data blank.
- Euro style single module 25 x 50mm data blank.

Order Code	Model No.	Type	Description	Mod. Size (mm)	Pack Qty	Price - Each 1 off
1050393067	NLBP5A	Blank	Half Module	12.5 x 50	2	£0.87
1050393071	NLBP1A	Blank	Single Module	25 x 50	1	£1.02

2 YR CE


NLBP5A


NLBP1A

Data Modules - Brush Tidy

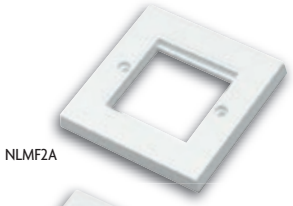
- Ideal for keeping audio and data cables neat and tidy.
- Euro style brush tidy module 50 x 50mm.
- Hides unsightly wires from view.
- Not intended to be located near mains sockets where hazardous voltages may be present.

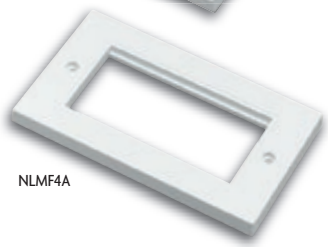
Order Code	Model No.	Type	Mod. Size (mm)	Pack Qty	Price - Each 1 off
1050393073	NLBT1A	Brush Tidy	50 x 50	1	£17.19

2 YR CE


NLBT1A

Data & AV Module Frames


NLMF2A

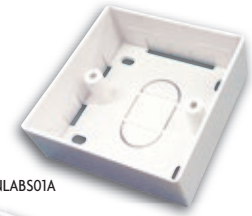

NLMF4A

- For housing euro style 25 x 50mm modules only.
- Single gang flat faceplate for 2 x euro modules.
- For single gang single module use (2 x half module - NLBP.5A or 1 x full module blanks - NLBP1A).
- Double gang flat faceplate for 4 x euro modules.
- Supplied with fixings.

CE 2 YR

Order Code	Model No.	Type	Aperture Size (mm)	Price - Each 1 off
1050393069	NLMF2A	1 Gang	50 x 50	£1.67
1050393070	NLMF4A	2 Gang	100 x 50	£3.69

Back Boxes


NLABS01A


NLABS02A

- 32mm deep single & double gang surface mounted back boxes.
- Manufactured in ABS.
- Rear, top and side entries.
- Square corners.

CE 2 YR

Order Code	Model No.	Type	Price - Each 1 off
1050393072	NLABS01A	1 Gang	£2.89
1050393068	NLABS02A	2 Gang	£3.90

Adaptors


NLAMASTA


NLASECTA


NLAPABX

- A range of popular RJ45 tailed line adaptors: PSTN master, secondary and PABX master.
- Converts RJ45 sockets into standard BT style outlets.
- Tailed adaptors have a 150mm length tail.
- ROHS compliant.

CE 2 YR

Order Code	Model No.	Type	Description	Price - Each 1 off
1050393076	NLAMASTA	RJ45 - BT	Master	£8.82
1050393077	NLASECTA	RJ45 - BT	Secondary	£4.83
1050393091	NLAPABX	RJ45 - PABX	PABX	£6.78

Data Inline Couplers


NLRJ45COUPLER

- RJ45 inline coupler for connecting RJ45 patch leads and ethernet cables.
- Cat6 unshielded.
- Suitable for both Cat5e and Cat6 installations.

CE 2 YR

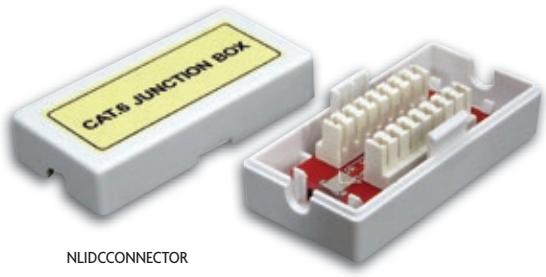
Order Code	Model No.	Type	Description	Price - Each 1 off
1050393092	NLRJ45COUPLER	RJ45 - RJ45	Cat5/Cat6 Black	£13.28

Data Inline Connectors

- IDC Cat6 inline connector unshielded.
- Block to block junction box.
- IDC compatible with 110 and KRONE/ Newlec NLC5ETOOLA punchdown tool.
- Suitable for both Cat5e and Cat6 installations.

Order Code	Model No.	Type	Description	Price - Each 1 off
1050393093	NLIDCCONNECTOR	IDC-IDC	Cat5e/Cat6 White	£18.94

2 YR CE



NLIDCCONNECTOR

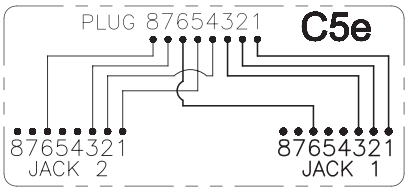
Economiser

An ecomomical way to provide an extra RJ45 socket without having to run extra cabling.

- Cat5e unshielded RJ45 data/data economiser.
- Make use of dormant pairs, negate the need to re-cable for an extra socket.
- Connectivity: 1 x RJ45 male to 2 x RJ45 female.

Note: Must be used in pairs, one at each end of a cable run.


NLRJ45ECO



Order Code	Model No.	Type	Description	Price - Each 1 off
1050393064	NLRJ45ECO	Cat5E	RJ45 Data/Data Economiser	£16.99

2 YR CE

Punch Down Tool

- Suitable for terminating RJ45 data modules.
- Single point insertion tool for cutting, stripping and inserting.
- Termination and trimming with a single punch.
- Durable and reliable for regular use.

Order Code	Model No.	Type	Price - Each 1 off
1050393066	NLC5ETOOLA	IDC Punch Down Tool	£21.53

2 YR CE

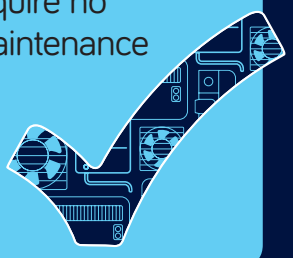

NLC5ETOOLA

CONTINUOUS RUNNING FANS

SEE PAGE 241



Continuous running centrifugal filterless fans that require no maintenance



Available to Order

Telephone Extension Kit



NL6204N

- Plugs into any existing telephone socket.
- 20M of cable.
- Extension socket.
- Double adaptor allows use of existing socket.
- Cable clips.
- Cable connecting tool.

CE

1 YR

Order Code	Model No.	Price - Each 1 off
1050150685	NL6204N	£25.34

Telephone Socket - Surface Mounted



NL6215

- Secondary socket.

1 YR

Order Code	Model No.	Price - Each 1 off
1050152440	NL6215	£8.17

Telephone Adaptor - Double



NL6201N

- Allows connection of two telephones/ faxes/answer machines/modems to a single socket.

CE

1 YR

Order Code	Model No.	Price - Each 1 off
1050150682	NL6201N	£4.55

Telephone Adaptor - Triple



NL6210

- Allow connection of three telephones/ faxes/answer machines/modems to a single socket.

CE

1 YR

Order Code	Model No.	Price - Each 1 off
1050150689	NL6210	£6.22

Telephone Extension Lead - 5M



NL6202N

- Plugs into any telephone master or extension socket.

CE

1 YR

Order Code	Model No.	Price - Each 1 off
1050150683	NL6202N	£5.02

Modem Lead - 3M Reversed



NL6211

- Modem connection lead reverse wire.
- US/RJ11 plug to UK BT type plug.

N.B. Check modem instructions to see if a straight or reverse wired lead is required.

CE

1 YR

Order Code	Model No.	Price - Each 1 off
1050150690	NL6211	£3.62

For telephone cables see page 99

Coax Coupler

Order Code	Model No.	Price - Each 1 off
1000008731	NL6504N	£1.49

- Converts coaxial plug to coaxial socket.
- Ideal for joining two coaxial cables.

1 YR


NL6504N

Satellite 'F' Plugs

Order Code	Model No.	Price - Pack 1 off
1000008737	NL6508	£1.95

- Easyfit twist on F connector.
- Fits RG6 and CAI approved satellite cable.
- Pack of 2.

1 YR


NL6508

For satellite cables see page 99

Satellite 'F' Coupler

Order Code	Model No.	Price - Each 1 off
1000008736	NL6507	£2.14

- Ideal for joining two satellite cables.
- Converts F plug to F socket.

1 YR


NL6507

Coax Plug and Socket

Order Code	Model No.	Price - Each 1 off
Coax Plug		
1000008730	NL6502N	£1.95
Coax Socket		
1000008732	NL6503N	£2.70

- For terminating coaxial cables.
- Brass nickel plated housing with spring clamps.

1 YR


NL6502N

Coaxial 'Y' Splitter

Order Code	Model No.	Price - Each 1 off
1000008733	NL6501N	£2.42

- Splits the signal from one aerial to two TVs.
- Combine TV or radio aerial signals.

1 YR


NL6501N

Coax Lead - White

Order Code	Model No.	Price - Each 1 off
1000008734	NL6505N	£3.81

- Connects an aerial outlet to TV/PVR/Satellite receiver.
- Ideal for aerial amplifier connections.
- 75Ω impedance.
- 2M lead.

1 YR


NL6505N

For coax & satellite cable see page 99

Rexel

a world of energy

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- Contact Branch
- Opening Hours

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WILTS electrical wholesalers REXEL GROUP

WF Senate REXEL GROUP



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BS 88 Industrial Fuse Comparison

BS88 REF	Rating Amps	Newlec	GE Power (GEC)	Lawson	Eaton Bussmann	MEM	Brush
A1	2 -32	NLNITD	NIT	NIT	NITD	SA2	F21
A2	2 - 32	NLAAO	TIA	TIA	AAO	SB3	HO7
A3	32 - 63	NLBAO	TIS	TIS	BAO	SB4	KO7
A4	63 - 100	NLCEO	TCP	TCP	CEO	SD5	L14

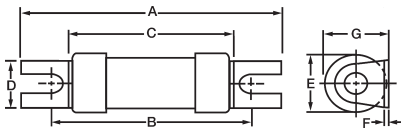
Fuses - BS 88 Cartridge NITD Type



NLNITD6

- Industrial HRC fuse links - type A1.
- Offset bolted tags 550V AC rated.
- 80kA interrupting rating.
- BS 88: Parts 1 + 2 1988.
- IEC 269-1 1986.
- Supplied in pack of 3.

CE



Order Code	Model No.	Price - Pack 1 off	Rating (Amps)	A	B	C	D	E	F	G
1050152875	NLNITD2	£21.69	2	55.0	44.5	34.6	11.2	13.8	0.8	14.0
1050152876	NLNITD4	£21.69	4	55.0	44.5	34.6	11.2	13.8	0.8	14.0
1050152877	NLNITD6	£21.69	6	55.0	44.5	34.6	11.2	13.8	0.8	14.0
1050152878	NLNITD10	£21.69	10	55.0	44.5	34.6	11.2	13.8	0.8	14.0
1050152879	NLNITD16	£21.92	16	55.0	44.5	34.6	11.2	13.8	0.8	14.0
1050152880	NLNITD20	£24.06	20	55.0	44.5	34.6	11.2	13.8	0.8	14.0
1050152881	NLNITD25	£27.38	25	55.0	44.5	34.6	11.2	13.8	0.8	14.0
1050152882	NLNITD32	£27.38	32	55.0	44.5	34.6	11.2	13.8	0.8	14.0
1050152896	NLNITD20M32*	£29.92	20 MR32	55.0	44.5	35.6	11.2	17.5	1.2	18.5

*Motor rated

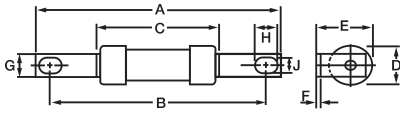
Fuses - BS 88 Cartridge AAO Type



NLAAO2

- Industrial HRC fuse links - type A2.
- Offset bolted tags 550V AC rated.
- 80kA interrupting rating.
- BS 88: Parts 1 + 2 1988.
- IEC 269-1 1986.
- Supplied in pack of 3.

CE



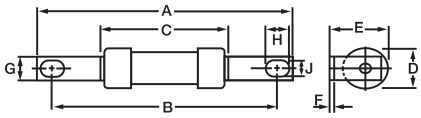
Order Code	Model No.	Price - Pack 1 off	Rating (Amps)	A	B	C	D	E	F	G	H	J
1050152885	NLAAO6	£28.94	6	85.0	73.5	35.5	13.7	14.0	1.2	8.7	8.0	5.5
1050152886	NLAAO10	£28.94	10	85.0	73.5	35.5	13.7	14.0	1.2	8.7	8.0	5.5
1050152887	NLAAO16	£33.16	16	85.0	73.5	35.5	13.7	14.0	1.2	8.7	8.0	5.5
1050152888	NLAAO20	£33.16	20	85.0	73.5	35.5	13.7	14.0	1.2	8.7	8.0	5.5
1050152889	NLAAO25	£38.17	25	85.0	73.5	35.5	13.7	14.0	1.2	8.7	8.0	5.5
1050152890	NLAAO32	£38.17	32	85.0	73.5	35.5	13.7	14.0	1.2	8.7	8.0	5.5
1050152897	NLAAO32M40*	£52.82	32 MR40	85.0	73.5	54.5	21.0	22.3	1.2	8.7	8.0	5.5

*Motor rated

Fuses - BS 88 Cartridge BAO Type

- Industrial HRC fuse links - type A3.
- 80kA interrupting rating.
- Offset bolted tags 550V AC rated.
- BS 88: Parts 1 + 2 1988.
- IEC 269-1 1986.
- Supplied in pack of 3.

CE





NLBAO63

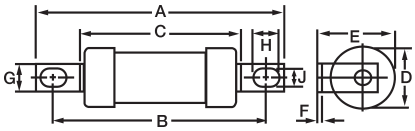
Order Code	Model No.	Price - Pack 1 off	Rating (Amps)	Dimensions (mm) A	B	C	D	E	F	G	H	J
1050152891	NLBAO40	£60.14	40	87.0	73.5	54.5	21.0	22.5	1.2	12.7	8.0	5.5
1050152892	NLBAO50	£60.14	50	87.0	73.5	54.5	21.0	22.5	1.2	12.7	8.0	5.5
1050152893	NLBAO63	£60.14	63	87.0	73.5	54.5	21.0	22.5	1.2	12.7	8.0	5.5
1050152898	NLBAO63M100*	£91.78	63 MR100	87.0	73.5	54.5	21.0	22.5	1.2	12.7	8.0	5.5

* Motor rated

Fuses - BS 88 Cartridge CEO Type

- Industrial HRC fuse links - type A4.
- 80kA interrupting rating.
- Offset bolted tags 550V AC rated.
- BS 88: Parts 1 + 2 1988.
- IEC 269-1 1986.
- Supplied in pack of 3.

CE





NLCEO100

Order Code	Model No.	Price - Pack 1 off	Rating (Amps)	Dimensions (mm) A	B	C	D	E	F	G	H	J
1050152894	NLCEO80	£107.56	80	110	94.0	58.5	21.0	24.5	3.2	14.3	11.0	8.7
1050152895	NLCEO100	£107.56	100	110	94.0	58.5	21.0	24.5	3.2	14.3	11.0	8.7

NEW

DECORATIVE LED BULKHEAD

SEE PAGE 44



Robust and aesthetically appealing, ideal for use in residential areas



Direct On Line & Reversing Starters



NLSTM27C



NLRVM25C



NLSTM25CSW

- Colour RAL7035 light grey.
- Surface mounting.
- Standard coil voltages: 230V or 400V 50/60Hz.
- Other voltages available on request.
- Built in start/stop and reset push button.
- Hand reset thermal overloads.
- Overload to be ordered separately (see page 239).
- IP55 steel enclosure.
- Stainless steel pozidrive fixing screws for lid.
- Knockouts top and bottom.
- Internal components DIN rail mounted.
- Manufactured in accordance with EN60947-4-1.

CE 1 YR

Order Code	Model No.	Max Rating (kW)	Control Voltage (V)	Dimensions (mm) H x W x D	Knockouts Top	Knockouts Bottom	Price - Each 1 off
DOL Without Isolator							
1051042849	NLSTM27C	7.5	230	174 x 104 x 134	2 x 20mm	2 x 20mm	£68.40
1051042850	NLSTM47C	7.5	400	174 x 104 x 134	2 x 20mm	2 x 20mm	£68.40
DOL With Isolator							
1051042851	NLSTM25CSW	5.5	230	184 x 184 x 149	1 x 25mm + 2 x 20mm	1 x 25mm + 2 x 20mm	£195.16
1051042852	NLSTM45CSW	5.5	400	184 x 184 x 149	1 x 25mm + 2 x 20mm	1 x 25mm + 2 x 20mm	£195.16
Reversing Starter							
1051042855	NLRVM25C	5.5	230	184 x 184 x 149	1 x 25mm + 2 x 20mm	1 x 25mm + 2 x 20mm	£171.72
1051042856	NLRVM45C	5.5	400	184 x 184 x 149	1 x 25mm + 2 x 20mm	1 x 25mm + 2 x 20mm	£183.72

Direct On Line/Reversing/DC Brake - Thermal Overload Selection Chart

Overload		Current Range - Amps		Approximate Motor Rating			
Order Code	Model No.	Min	Max	400V/3PH AC-3 kW	400V/3PH AC-3 hp	230V/1PH AC-3 kW	230V/1PH AC-3 hp
1051042839	NLOLC1	1.0	1.6	0.37	0.55	0.07	0.09
1051042839	NLOLC1	1.0	1.6	0.55	0.75	0.1	0.125
1051042840	NLOLC2	1.6	2.5	0.75	1.0	0.18	0.25
1051042841	NLOLC3	2.5	4.0	1.1	1.5	0.25	0.33
1051042841	NLOLC3	2.5	4.0	1.5	2.0	0.37	0.5
1051042842	NLOLC4	4.0	6.0	1.8	2.5	0.55	0.75
1051042842	NLOLC4	4.0	6.0	2.2	3.0	0.55	0.75
1051042843	NLOLC5	5.5	8.0	3.0	4.0	0.75	1.0
1051042843	NLOLC5	5.5	8.0	3.7	5.0	0.75	1.0
1051042844	NLOLC6	7.0	10	4.0	5.5	1.1	1.5
1051042845	NLOLC7	10	13	5.5	7.5	1.5	2.0
1051042846	NLOLC8	13	18	7.5	10	2.2	3.0

Refer to page 225 for special build service

Refer to page 223 for overloads

*Overload chart for guidance only

Star Delta Starters

- Three phase.
- Colour RAL7035 light grey.
- Surface mounting.
- Standard coil voltages: 230V, 400V 50/60Hz.
- Other voltages available on request.
- Built in Start/Stop and reset push buttons.
- Hand reset thermal overloads.
- Overload to be ordered separately (see page 239).
- Provision for remote control.
- IP55 steel enclosure.
- Stainless steel fixing screws for lid.
- Knockouts top and bottom.
- Internal components DIN rail mounted.
- Manufactured in accordance with EN60947-4-1.

CE 1 YR



NLSDM215C

Order Code	Model No.	Max Rating (kW)	Control Voltage (V)	Dimensions (mm) H x W x D	Knockouts Top	Knockouts Bottom	Price - Each 1 off
1051042853	NLSDM215C	15	230	184 x 284 x 149	1 x 25mm + 2 x 20mm	1 x 25mm + 2 x 20mm	£278.78
1051042854	NLSDM415C	15	400	184 x 284 x 149	1 x 25mm + 2 x 20mm	1 x 25mm + 2 x 20mm	£298.29

Automatic DC Injection Brake Controller

- Start, protect and safely stop standard rotating machines.
- Controlled stopping for compliance to PUWER98.
- Simple braking time and torque setting.
- Standard coil voltage 400V 50/60Hz.
- Other voltages available on request.
- Built in Start/Stop and reset push buttons.
- Overload to be ordered separately (see page 239).
- Hand reset thermal overloads.
- Provision for remote control.
- IP55 steel enclosure.
- Knockouts top and bottom.
- Manufactured in accordance with EN60947-4-1.

CE 1 YR



NLSTDCBRAKE45

Order Code	Model No.	Max Rating (kW)	Control Voltage (V)	Dimensions (mm) H x W x D	Knockouts Top	Knockouts Bottom	Price - Each 1 off
1051043861	NLSTDCBRAKE45	5.5	400	184 x 184 x 149	1 x 25mm + 2 x 20mm	1 x 25mm + 2 x 20mm	£668.10
1051043862	NLSTDCBRAKE47	7.5	400	184 x 184 x 149	1 x 25mm + 2 x 20mm	1 x 25mm + 2 x 20mm	£752.45

Direct On Line/Reversing/DC Brake - Thermal Overload Selection Chart

Overload		Current Range - Amps		Approximate Motor Rating			
Order Code	Model No.	Min	Max	400V/3PH AC-3 kW	400V/3PH AC-3 hp	230V/1PH AC-3 kW	230V/1PH AC-3 hp
1051042839	NLOLC1	1.0	1.6	0.37	0.55	0.07	0.09
1051042839	NLOLC1	1.0	1.6	0.55	0.75	0.1	0.125
1051042840	NLOLC2	1.6	2.5	0.75	1.0	0.18	0.25
1051042841	NLOLC3	2.5	4.0	1.1	1.5	0.25	0.33
1051042841	NLOLC3	2.5	4.0	1.5	2.0	0.37	0.5
1051042842	NLOLC4	4.0	6.0	1.8	2.5	0.55	0.75
1051042842	NLOLC4	4.0	6.0	2.2	3.0	0.55	0.75
1051042843	NLOLC5	5.5	8.0	3.0	4.0	0.75	1.0
1051042843	NLOLC5	5.5	8.0	3.7	5.0	0.75	1.0
1051042844	NLOLC6	7.0	10	4.0	5.5	1.1	1.5
1051042845	NLOLC7	10	13	5.5	7.5	1.5	2.0
1051042846	NLOLC8	13	18	7.5	10	2.2	3.0

Star Delta Starter - Thermal Overload Selection Chart

Overload		Current Range - Amps		Approximate Motor Rating			
Order Code	Model No.	Min	Max	400V/3PH AC-3 kW	400V/3PH AC-3 hp	Equivalent Motor FLC (In Delta Loop) kW	Equivalent Motor FLC (In Delta Loop) hp
1051042839	NLOLC1	1.0	1.6	1.1	1.5	1.7	2.7
1051042840	NLOLC2	1.6	2.5	1.5	2.0	2.7	4.3
1051042840	NLOLC2	1.6	2.5	1.8	2.5	2.7	4.3
1051042841	NLOLC3	2.5	4.0	2.2	3.0	4.3	6.9
1051042841	NLOLC3	2.5	4.0	3.0	4.0	4.3	6.9
1051042842	NLOLC4	4.0	6.0	3.7	5.0	6.9	10.3
1051042842	NLOLC4	4.0	6.0	4.0	5.5	6.9	10.3
1051042843	NLOLC5	5.5	8.0	5.5	7.5	9.5	13.8
1051042844	NLOLC6	7.0	10	7.5	10	12.1	17.3
1051042845	NLOLC7	10	13	11	15	17.3	22.5
1051042846	NLOLC8	13	18	15	20	22.5	31.5

Refer to page 223 for overloads

*Overload chart for guidance only

Available to Order

Push Button Stations



NLESTOP37ENC



NLESTOP60ENC



NL2POSKSENC



NLSSENC

- 22mm push button range made for tough environments.
- Insulated self extinguishing ABS plastic housing.
- Common auxiliaries throughout push button range.
- Supplied with 1 contact per actuator.
- Space for an additional contact block on each actuator.

- Light grey lid / dark grey base (yellow lid for Estop).
- M20/PG16 gland entries.
- Stainless steel captive screws.
- IP65 rated (when correctly installed).
- Manufactured in accordance with EN60947-5-1, EN60947-5-5 where applicable.

CE 1 YR

Order Code	Model No.	Description	Contact Included	Price - Each 1 off
1051042861	NLESTOP37ENC	Emergency Stop Twist Release 37mm	1 x NC	£45.80
1051042862	NLESTOP60ENC	Emergency Stop Twist Release 60mm	1 x NC	£47.40
1051042863	NLESTOPKRENC	Emergency Stop Key Release 37mm	1 x NC	£54.49
1051042864	NL2POSKSENC	2 Position Key Switch	1 x NO	£55.94
1051042865	NLSENC	Start	1 x NO	£40.40
1051042866	NLSSENC	Start/Stop	1 x NO/1 x NC	£55.97
Contact Blocks				
1051042891	NLPBAUXNC	Push Button Contact	1 x NC	£3.72
1051042892	NLPBAUXNO	Push Button Contact	1 x NO	£3.72
Enclosures Only				
1051042878	NLPBENC1	One Station (Light Grey/Dark Grey)		£30.05
1051042879	NLPBENC2	Two Station (Light Grey/Dark Grey)		£39.85

Emergency Stop - Stainless Steel



NLESTOP37ENCSS

Suitable for washdown areas

- Grade 304 brushed stainless steel.
- Earth bonding studs included.
- 1NC contact block fitted.
- 80mm(W) x 80mm(H) x 60mm(D).

- Suitable for pharmaceutical and food preparation areas.
- Manufactured to EN 60947-5-1 and EN 60947-5-5.

1 YR IP55

Order Code	Model No.	Description	Contacts Included	Price - Each 1 off
1051088615	NLESTOP37ENCSS	Emergency Stop Twist Release 37mm	1NC	£117.99

Xenon Beacons & Sounders



NLXBRED24



NLXBAMB24



NLXBGRN24



NLXBBLU24



NLXBSOUND24

Xenon Beacons

- 2 Joules 1Hz output.
- 180° visability.
- Panel or surface mount.
- Continuously rated.
- IP65.
- EN60598-1.

CE 1 YR

Sounders

- 32 selectable tones.
- High output 102dB.
- IP65.
- Manufactured to EN61000-6 & EN54-3.

Order Code	Model No.	Voltage	Colour	Price - Each 1 off
Beacons				
1051056488	NLXBRED24	10-28V AC/DC	Red	£30.85
1051056489	NLXBAMB24	10-28V AC/DC	Amber	£30.85
1051056490	NLXBGRN24	10-28V AC/DC	Green	£30.85
1051056491	NLXBBLU24	10-28V AC/DC	Blue	£30.85
1051056493	NLXBRED230	115-240V AC	Red	£38.32
1051056494	NLXBAMB230	115-240V AC	Amber	£38.32
1051056495	NLXBGRN230	115-240V AC	Green	£38.32
1051056496	NLXBBLU230	115-240V AC	Blue	£38.32
Sounders				
1051056492	NLXBSOUND24	9-28V DC	White	£57.79
1051056497	NLXBSOUND230	110-240V AC	White	£76.90

Actuators 22mm


NLCPBESTOP


NLCPBG


NLCPBR


NLCPBSS


NLCPBKS

Order Code	Model No.	Description	Price - Each 1 off
1051042885	NLCPBESTOP	Emergency Stop Twist Release 37mm	£10.87
1051042886	NLCPBB	Black Push Button	£6.30
1051042887	NLCPBG	Green Push Button	£6.30
1051042888	NLCPBR	Red Push Button	£6.73
1051042889	NLCPBSS	3 Position Selector Switch	£12.06
1051042890	NLCPBKS	3 Position Stay Put Key Switch	£13.99
Contact Blocks			
1051042891	NLPBAUXNC	Push Button Contact 1NC	£3.72
1051042892	NLPBAUXNO	Push Button Contact 1NO	£3.72

- Modular design for total flexibility.
- Compatible with enclosed push button stations.
- Operating temperature -25 to +70°C.
- Screw fit contacts.
- Contact blocks rating 250V/5A (ordered separately).
- Up to 4 contact blocks can be fitted.
- IP65 rated (when correctly installed).
- Manufactured in accordance with EN60947-5-1, EN60947-5-5 where applicable.

CE 1 YR

For enclosures see pages 234 & 236

Pilot Light 22mm - LED


NLCINDG


NLCINDR


NLCINDA


NLCINDB


NLCINDC

Order Code	Model No.	Colour	Price - Each 1 off
1051042880	NLCINDG	Green	£12.73
1051042881	NLCINDR	Red	£12.73
1051042882	NLCINDA	Amber	£12.73
1051042883	NLCINDB	Blue	£12.73
1051042884	NLCINDC	Clear	£12.73

- 230V rated LED.
- Other voltages available to order.
- 50,000 hours service life.
- Operating temperature -25 to +70°C.
- IP65 rated (when correctly installed).
- Manufactured in accordance with EN60947-5-1.

CE 1 YR

For enclosures see pages 234 & 236

LABEL SHOP

CALL 01582 880810

Custom label and marking solutions




DIN rail terminal markers


Heat shrinkable cable markers


Stainless steel cable markers


Therma-mark cable markers



Laser engraved labels

EcoStart Energy Saving Motor Starters

Annual Energy Savings of 40%*



For further information see EcoStart Guide

- **Meets new ErP requirements** - used with IE2 motor.
- **Reduced energy consumption** - pre-set to run the motor at 85% speed giving 40% energy savings (speed adjustable internally).
- **Simple design** - stop/start buttons like a traditional DOL motor starter.
- **Easy Installation** - just wire in the mains supply & connect the motor.
- **Improved motor protection** - built in short circuit, overload, voltage imbalance & earth fault detection.
- **Reduced inrush current** - pre-set soft start ramp up feature.
- **Reduced mechanical wear** - soft start, soft stop and slower running speed.
- **Fulfills most application requirements** - further adjustment, possible and I/O options.
- **Degree of protection** - IP54.
- **EMC Compliance** - IEC 61800-3 2004 C1/C2 depending on length of motor cable.
- **Overload capacity** - 200% rated current 3 secs - 150% rated current 60 secs
- **Working temp** -10°C to 55°C

* Energy savings shown are anticipated potential savings from the starter as supplied

Single Phase 230V Mains Supply - For Controlling 3 Phase 230Vac Motors

With on/off push buttons and internal potentiometer pre set at 85% speed or 40% approx reduction in energy.
Note - potentiometer can be adjusted inside if required.

Order Code	Model No.	Rating (kW)	Rating (Amps)	Dimensions H x W x D (mm)	Price - Each 1 off
1051117939	NLECOSTART2025	0.25	1.7	300 x 300 x 200	£448.76
1051117940	NLECOSTART2037	0.37	2.4	300 x 300 x 200	£454.58
1051117941	NLECOSTART2055	0.55	3.2	300 x 300 x 200	£489.49
1051117942	NLECOSTART2075	0.75	4.2	300 x 300 x 200	£504.04
1051117943	NLECOSTART2110	1.1	6.0	400 x 300 x 200	£550.97
1051117944	NLECOSTART2150	1.5	7.0	400 x 300 x 200	£580.30
1051117945	NLECOSTART2220	2.2	9.6	400 x 300 x 200	£610.30

Three Phase 400V & Neutral Mains Supply - For Controlling 3 Phase 400Vac Motors

With on/off push buttons and internal potentiometer pre set at 85% speed or 40% approx reduction in energy.
Note - potentiometer can be adjusted inside if required.

Order Code	Model No.	Rating (kW)	Rating (Amps)	Dimensions H x W x D (mm)	Price - Each 1 off
1051117946	NLECOSTART4037	0.37	1.3	300 x 300 x 200	£518.03
1051117947	NLECOSTART4055	0.55	1.8	300 x 300 x 200	£526.03
1051117948	NLECOSTART4075	0.75	2.4	300 x 300 x 200	£539.37
1051117949	NLECOSTART4110	1.1	3.2	400 x 300 x 200	£613.50
1051117950	NLECOSTART4150	1.5	3.9	400 x 300 x 200	£625.63
1051117951	NLECOSTART4220	2.2	5.6	400 x 300 x 200	£649.63
1051117952	NLECOSTART4300	3	7.3	400 x 300 x 200	£726.97
1051117953	NLECOSTART4400	4	9.5	400 x 300 x 200	£836.30
1051117954	NLECOSTART4550	5.5	13	400 x 300 x 200	£913.63
1051117955	NLECOSTART4750	7.5	16.5	500 x 300 x 200	£1022.97

Note - all smaller sizes have vents, larger sizes also have a fan for heat dissipation.
Modifications available contact the special build service on 01924 330630.

Steel Enclosed Contactors

- Standard coil voltage: 230V 50/60Hz.
- All units are suitable for two wire control i.e. time switch, thermostat, sensor or other remote controls.
- Supplied complete with neutral terminals.
- Auxiliary contacts can be fitted. See below for options.
- Colour RAL7035 light grey.
- IP55 steel enclosure.
- Knockouts top and bottom.
- Manufactured in accordance with EN60947-4-1.

CE 1 YR

For Technical Data on Lighting Loads see page 314-315



NLCONM25/4



NLCONM100/3N

Order Code	Model No.	AC1 Heating & General Load (Amps)	Lighting Load Fluorescent Mercury (Amps)	Lighting Load Halogen (Amps)	Lighting Load LED (Amps)	No. of Poles	Dimensions (mm) H x W x D	Knockouts Top	Knockouts Bottom	Price - Each 1 off
1051042857	NLCONM25/4	25	16	13	25	4 + N	184 x 184 x 149	1 x 25mm + 2 x 20mm	1 x 25mm + 2 x 20mm	£88.34
1051042858	NLCONM45/4	40	27	22	40	4 + N	184 x 184 x 149	1 x 25mm + 2 x 20mm	1 x 25mm + 2 x 20mm	£124.97
1051042859	NLCONM63/3N	60	40	32	60	3 + N	305 x 285 x 159	1 x 25mm + 2 x 20mm	1 x 25mm + 2 x 20mm	£251.00
1051042860	NLCONM100/3N	125	68	57	125	3 + N	305 x 285 x 159	1 x 25mm + 2 x 20mm	1 x 25mm + 2 x 20mm	£375.03

3 Pole Contactors

Order Code	Model No.	Amp Rating @ 400V AC1	Amp Rating @ 400V AC3	Frame Size	Price - Each 1 off
230V AC Coil Voltage					
1051042867	NLC9230	25	9	1	£30.89
1051042868	NLC12230	25	12	1	£34.65
1051042869	NLC18230	25	18	1	£36.09
1051042870	NLC32230	40	32	2	£70.14
400V AC Coil Voltage					
1051042871	NLC9400	25	9	1	£30.89
1051042872	NLC12400	25	12	1	£34.65
1051042873	NLC18400	25	18	1	£36.09
1051042874	NLC32400	40	32	2	£70.14

Order Code	Model No.	Description	Price - Each 1 off
Auxiliary Contacts			
1051042875	NLCAUX11	Top Mount 1NO+1NC	£8.67
1051042876	NLCAUX22	Top Mount 2NO+2NC	£13.89
1051042877	NLCAUX11S	Side Mount 1NO+1NC	£10.98

- DIN rail mount.
- Contactors include built in N/O auxiliary.
- Auxiliaries 10A thermal current rated 660V AC max.
- Simple and robust construction.
- High mechanical & electrical life.
- Full range of add on accessories.
- Manufactured in accordance with EN60947-4-1.

CE 1 YR


NLC9230


NLC32230


NLCAUX11S


NLCAUX11


NLCAUX22

Overloads

Order Code	Model No.	Range (Amps) From	Range (Amps) To	To Fit Frame Size	Price - Each 1 off
1051042839	NLOLC1	1.0	1.6	1 & 2	£32.12
1051042840	NLOLC2	1.6	2.5	1 & 2	£32.12
1051042841	NLOLC3	2.5	4.0	1 & 2	£32.12
1051042842	NLOLC4	4.0	6.0	1 & 2	£32.12
1051042843	NLOLC5	5.5	8.0	1 & 2	£32.12
1051042844	NLOLC6	7.0	10	1 & 2	£32.12
1051042845	NLOLC7	10	13	1 & 2	£32.12
1051042846	NLOLC8	13	18	1 & 2	£40.30
1051042847	NLOLC9	18	25	1 & 2	£40.30
1051042848	NLOLC10	23	32	2	£64.67

For Overload Selection Guide see page 219

- From 1 to 32A thermal overload.
- Manual overload reset.
- Type 2 compatible with contactor.
- Class 10 tripping curve (up to 60°C).
- Integrated auxiliary contacts (1 N/O and 1 N/C).
- UL approved.
- Manufactured in accordance with EN60947-4-1.

CE 1 YR


NLOLC5

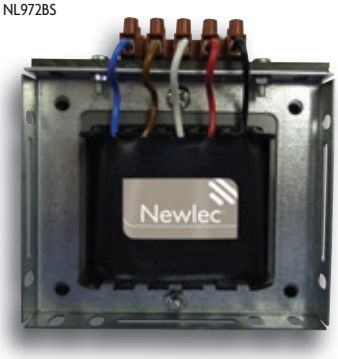

NLOLC10

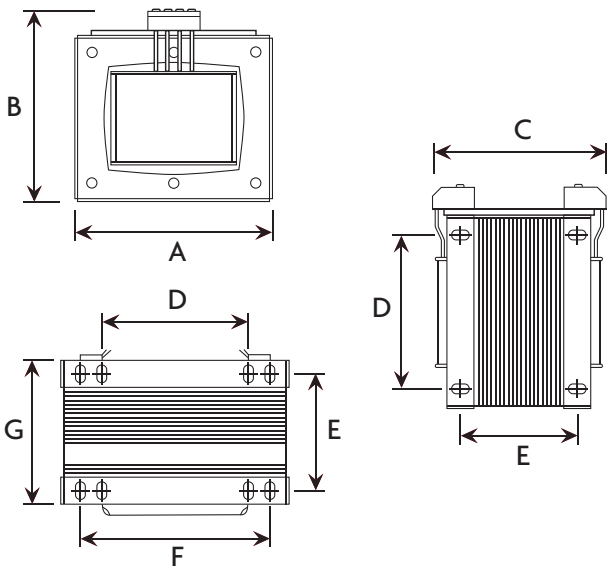
Panel Transformers

NL970BS



NL972BS





Use VA rating to reference dimensions (mm)/weight (kg).

- Centre tap available as standard.
- Offered with 230/240V primary tappings suitable for both British and European mains supply voltages.
- 24V secondary voltage offered with a centre tap.
- Other ratings available to order - see Custom Build on page 238.
- Designed to comply with BS 3535:1990 (EN 60742).

CE 1 YR

N.B. Steel enclosures for Newlec panel tranformers are available on request.

Order Code	Model No.	Voltage Input/Output	Rating (VA)	Price - Each 1 off
1000008603	NL970BS	230/24	50	£43.60
1000008604	NL971BS	400/24	50	£42.11
1000008605	NL972BS	230/24	100	£56.18
1000008606	NL973BS	400/24	100	£96.35
1000008607	NL974BS	230/24	150	£64.82
1000008608	NL975BS	400/24	150	£114.21
1000008609	NL976BS	230/24	250	£77.43
1000008610	NL977BS	400/24	250	£77.43
1000008611	NL978BS	230/24	500	£119.20
1000008612	NL979BS	400/24	500	£119.20
1000008613	NL980BS	400/110	50	£42.11
1000008614	NL981BS	230/110	50	£43.60
1000008615	NL982BS	400/110	100	£56.18
1000008616	NL983BS	230/110	100	£54.31
1000008617	NL984BS	400/110	150	£64.82
1000008618	NL985BS	230/110	150	£67.09
1000008619	NL986BS	400/110	250	£80.14
1000008620	NL987BS	230/110	250	£77.43
1000008621	NL988BS	400/110	500	£119.20
1000008622	NL989BS	230/110	500	£115.16
1000008623	NL990BS	400/110	750	£181.74
1000008624	NL991BS	230/110	750	£181.74
1000008625	NL992BS	400/110	1000	£206.73
1000008626	NL993BS	230/110	1000	£206.73
1000008627	NL994BS	400/110	1500	£290.02
1000008628	NL995BS	230/110	1500	£281.95

VA Rating	Dimensions (mm) A	B	C	D	E	F	G	Fixing Slot/ Style (mm)	Weight (kg)
50	81	69	62	54	45	54	60	5 x 8 (Oval)	0.9
100	100	85	73	64	55	80	67	5 x 8 (Oval)	2
150	100	85	89	64	68	80	78	5 x 8 (Oval)	2.5
250	120	100	104	64	68	95	82	6 x 10 (Oval)	4
500	139	116	125	89	84	116	101	6 x 11 (Oval)	7.3
750	169	169	134	89	93	120	106	7 x 12 (Open)	10.3
1000	169	169	159	89	117	120	132	7 x 12 (Open)	14.3
1500	216	185	159	114	105	175	129	10 x 18 (Open)	19.8

Additional options are also available through our custom build service call 01952 212 719 or your local branch.

Available to Order

Switch Mode Power Supplies

- DIN rail mounted.
- Input voltage range 85-264VAC.
- Output voltage 24VDC.
- Built in power on LED.
- Manufactured to EN 55022 class B, EN6100-3-2,3.
- CE & UL approved.



NLPSU2.5



NLPSU5



NLPSU10

Order Code	Model No.	Rating (Amps)	Rating (Watts)	Dimensions H x W x D (mm)	Working Temp	Price - Each 1 off
1051049558	NLPSU2.5	2.5	60	90 x 40 x 100	-20 to +70°C	£56.60
1051049559	NLPSU5	5.0	120	125.5 x 65.5 x 100	-10 to +60°C	£96.67
1051049560	NLPSU10	10	240	125.5 x 125.5 x 100	-10 to +70°C	£157.32

SPECIAL BUILD SERVICE

Newlec Special Build provides a complete design and manufacturing service for control panels built to individual customer requirements.

We can make modifications to standard starters and also manufacture bespoke control panels and motor starters.

Control panel commissioning also available.

Call our dedicated phone line on

01924 330 630



Enclosures - Stainless Steel

Suitable for washdown areas



NLSSE302015 NLSSE404020 NLSSE604020

- Grade 304 brushed stainless steel.
- Earth studs and galvanised back plate included.
- Polyurethane gasket.
- Wall brackets supplied in pack of 4.
- Suitable for pharmaceutical and food preparation areas.
- Manufactured to IEC 62208.

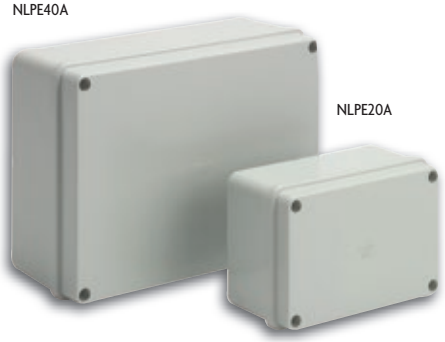
1 YR IP65 when fully sealed

Order Code	Model No.	No. of Locks	External Dimensions (mm) H x W x D	Weight (kg)	Price - Each 1 off
1051088606	NLSSE302015	1	300 x 200 x 150	3.8	£147.06
1051088607	NLSSE303015	1	300 x 300 x 150	5.2	£165.44
1051088608	NLSSE403020	1	400 x 300 x 200	7.8	£202.20
1051088609	NLSSE404020	1	400 x 400 x 200	9.5	£210.78
1051088610	NLSSE504020	1	500 x 400 x 200	10.5	£261.03
1051088611	NLSSE604020	2	600 x 400 x 200	13.5	£281.87
1051088616	NLSSBRKT	-	Wall Brackets	-	£7.94

Enclosures - Moulded

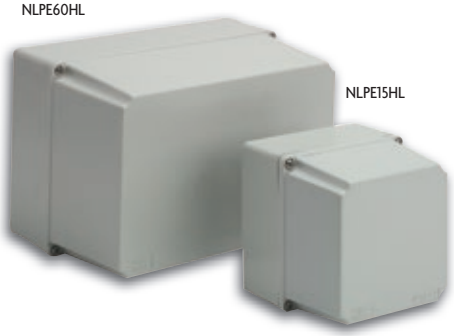
NLPE40A

NLPE20A



NLPE60HL

NLPE15HL





NLPE40CL



- Ideal for heavy duty applications in difficult working and climatic conditions.
- IK9 impact resistance.
- Operating temperature: -15°C to +60°C.
- Integral mounting grids and integral sealing gasket.
- RAL 7035 grey.
- Back mounting plate also available.
- Compliance with IEC 670.

Standard IP56 CE 1 YR

Order Code	Model No.	External Dimensions (mm) H x W x D	Hinged Lid	Back Plate (not included)	Price - Each 1 off
1050151831	NLPE10A	100 x 100 x 60	-	-	£4.07
1050151832	NLPE20A	120 x 80 x 60	-	-	£4.20
1050151833	NLPE30A	150 x 100 x 60	-	-	£6.33
1050151834	NLPE40A	190 x 140 x 70	-	NLPEBP40A	£11.92
1050151835	NLPE50A	240 x 190 x 90	-	NLPEBP50A	£19.70
1050151837	NLPE70A	300 x 220 x 120	✔	NLPEBP70A	£35.22
1050151838	NLPE80A	380 x 300 x 120	✔	NLPEBP80A	£48.93

High Lid IP55 CE 1 YR

Order Code	Model No.	External Dimensions (mm) H x W x D	Hinged Lid	Back Plate (not included)	Price - Each 1 off
1051056588	NLPE15HL	110 x 110 x 112	-	NLPEBP15	£12.82
1051056589	NLPE30HL	150 x 110 x 150	-	NLPEBP30	£20.56
1051056590	NLPE35HL	150 x 150 x 150	-	NLPEBP35	£22.99
1050151836	NLPE60HL	220 x 150 x 150	-	NLPEBP60A	£25.69

Clear Lid IP55 CE 1 YR

Order Code	Model No.	External Dimensions (mm) H x W x D	Hinged Lid	Back Plate (not included)	Price - Each 1 off
1051056591	NLPE40CL	190 x 140 x 70	-	NLPEBP40	£15.25
1051056592	NLPE50CL	240 x 190 x 90	-	NLPEBP50	£24.49
1051056593	NLPE70CL	300 x 220 x 150	-	NLPEBP70	£44.65

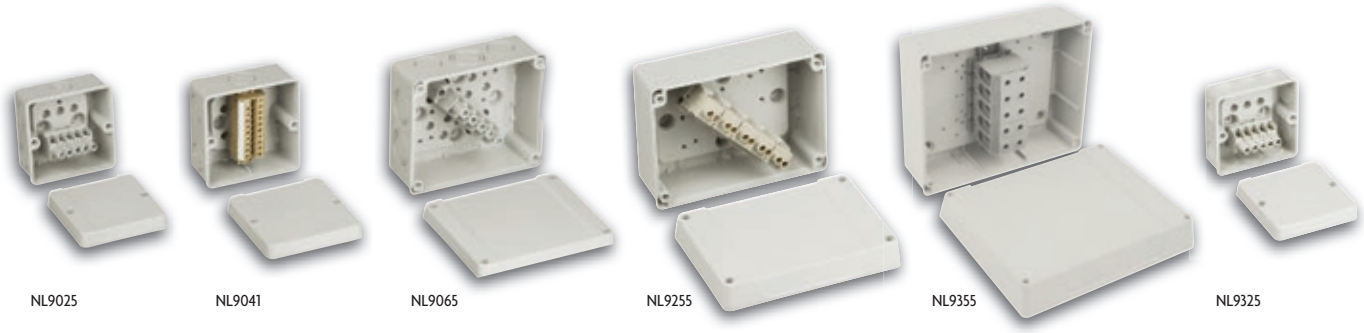
Mounting Plates

- Zinc coated, low carbon steel.
- Manufactured to EN 10142.

Order Code	Model No.	To Fit Enclosure	Price - Each 1 off
1051056594	NLPEBP15	NLPE15HL	£3.98
1051056595	NLPEBP30	NLPE30HL	£4.42
1051056596	NLPEBP35	NLPE35HL	£15.47
1050151839	NLPEBP40	NLPE40A/CL	£6.28
1050151840	NLPEBP50	NLPE50A/CL	£7.92
1050151841	NLPEBP60	NLPE60HL	£5.66
1050151842	NLPEBP70	NLPE70A/CL	£10.49
1050151843	NLPEBP80	NLPE80A	£19.06

For DIN rail see page 228 For insulating gel see page 227

Junction Boxes - IP Rated



NL9025 NL9041 NL9065 NL9255 NL9355 NL9325

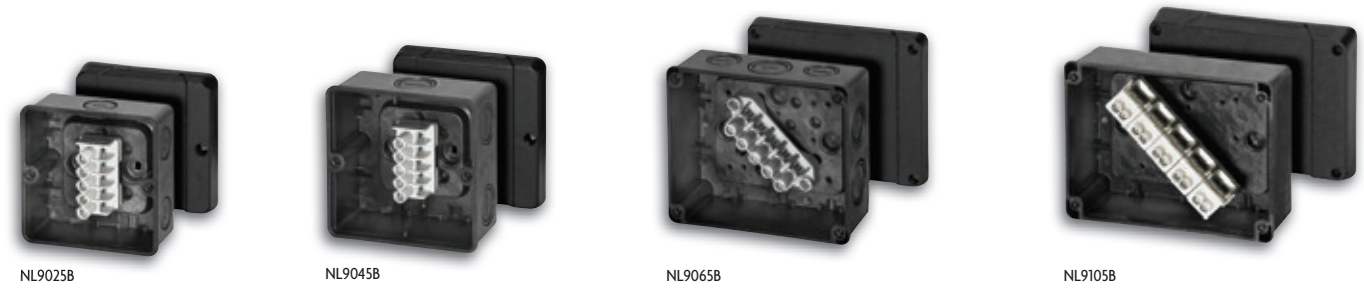
1 YR CE

Order Code	Model No.	Terminal Blocks	Maximum Conductor Size (mm^2)	Knockouts (mm)	External Dimensions (mm) H x W x D	Price - Each 1 off
1000016008	NL9025	5 Pole	2.5	20	88 x 88 x 53	£9.28
1000009020	NL9325	5 Pole	2.5	Self-Seal Cable Entry	88 x 88 x 47	£7.74
1050151877	NL9041	10 Pole	4	25	98 x 98 x 61	£49.91
1050151876	NL9145	5 Pole	4	20	98 x 98 x 58	£12.98
1000016009	NL9045	5 Pole	4	25	98 x 98 x 61	£11.27
1000016010	NL9065	5 Pole	6	25/32	138 x 119 x 70	£20.77
1000009021	NL9105	5 Pole	10	Plain	167 x 125 x 82	£34.49
1000009022	NL9255	5 Pole	16/25	Plain	200 x 160 x 98	£59.92
1051011557	NL9355	5 Pole	35/50	Plain	260 x 210 x 116	£212.75

- Supplied with terminals which can be removed/repositioned.
- Stainless steel captive lid screws.
- Sealing gasket fully integrated as part of cover, including caps for mounting holes to maintain IP rating.
- Terminal blocks are 5 pole except NL9041 which is 10 pole.
- Ideal for arduous environments.
- NL9325 has self sealing neoprene glands.
- IP65 (NL9325 IP55) rated.

For terminal capacities see page 309

Junction Boxes - IP Rated Black



NL9025B NL9045B NL9065B NL9105B

1 YR IP66

Order Code	Model No.	Terminal Blocks	Maximum Conductor Size (mm^2)	Knockouts (mm)	External Dimensions (mm) H x W x D	Price - Each 1 off
1051086726	NL9025B	5 Pole	2.5	20	88 x 88 x 53	£9.79
1051086727	NL9045B	5 Pole	4	20/25	98 x 98 x 61	£11.67
1051086728	NL9065B	5 Pole	6	25/32	138 x 119 x 70	£21.40
1051086729	NL9105B	5 Pole	10	Plain	167 x 125 x 82	£37.79

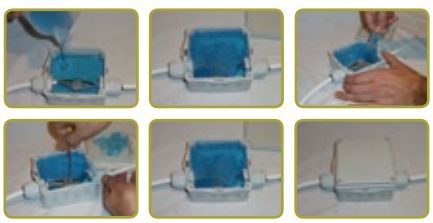
- Supplied with 5 pole terminal block that can be removed/repositioned.
- Stainless steel captive lid screws.
- Sealing gasket fully integrated as part of cover, including caps for mounting holes to maintain IP66 rating.
- Black polycarbonate enclosure ideal for arduous environments.
- Insulated voltage 690V AC/DC.

Magic Power Gel

- Two component gel potting compound and putty.
- Re-enterable and re-usable.
- Strong self amalgamating characteristics.
- Single bi-component bottle to make 1 litre of product.
- Can also be used as a putty once cured.
- Non toxic and safe.
- Dielectric strength: >23 kV/mm.
- Fast cross linking (approx 15 min at 25°C) with no exothermic reaction.
- Working temperature: -60°C to +200°C.
- Overload temperature for short periods: up to 250°C.
- No shelf life.
- Fungal and UV stabilised.



NLMGP1000



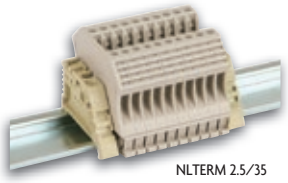
Order Code	Model No.	Colour	Quantity	Price - Each 1 off
1051040707	NLMGP1000	Blue	1 Litre	£51.84

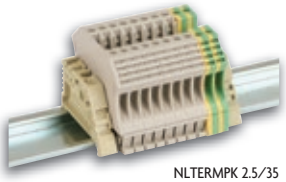
APPROVALS

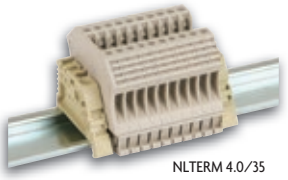
EN 50393; CEI 20-33, fire retardant according to IEC 332-1. CEI 20-33 (note: with testing under water head and water between the cable cores).

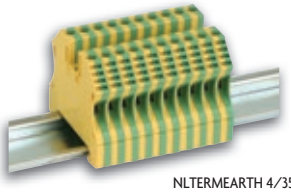
For more gel insulation products see page 167

Terminal Packs - 35mm Top Hat Rail


NLTERM 2.5/35


NLTERMPK 2.5/35


NLTERM 4.0/35


NLTERMEARTH 4/35

- Wemid insulating material.
- UL 94 V0 flammability rating.
- Uniform accessories for 2.5mm and 4mm.
- Vibration resistant connection.
- Patented clamping yoke system.
- ATEX approved.

CE 1 YR

Order Code	Model No.	Conductor Size (mm^2)	Pack Contents: Terminals	Pack Contents: Earth Terminals	Pack Contents: End Stop	Pack Contents: End Plate	Price - Pack 1 off
1050151150	NLTERM2.5/35	2.5	10	-	2	1	£17.70
1050151151	NLTERM4.0/35	4	10	-	2	1	£20.22
1050150467	NLTERMPK2.5/35	2.5	8	2	2	1	£27.03
1050150469	NLTERMEARTH4/35	4	-	10	-	-	£53.12

Packs do not include rail

Terminal Rail

Profile B - 35 x 7.5mm



Profile C - 35 x 15mm



Profile G - 32 x 15mm



NLRAIL35



NLRAIL35S



NLRAIL3515S



NLRAIL32S



NLRAILASB



- Fixing hole size M6.
- 35° rail mounting angle.

- Profile B and C - manufactured and approved to DIN 46277-3/EN 50022.
- Profile G - manufactured and approved to DIN 46277-1/EN 50035.

CE 1 YR

Order Code	Model No.	Profile	Length (M)	Slotted	Price - Length 1 off
Top Hat					
1000009370	NLRAIL35	B	0.5	-	£4.17
1050152844	NLRAIL35S	B	2	✔	£12.93
1050152846	NLRAIL3515S	C	2	✔	£20.02
32mm G					
1050152841	NLRAIL32S	G	2	✔	£20.85
Terminal Rail Support					
1050152847	NLRAILASB				£4.94

Cable Marker Kits

- Self extinguishing PVC.
- Temperature range -45°C to +70°C.
- Chemical resistant.



Mixed Marker Kit - NLCM1KIT

Contains 200 of each colour coded markers: 0-9 (Coloured), L, N, R, S, T, +, ⏚ (White) and 1 applicator.



Black and White Marker Kit - NLCM2KIT

Contains 200 of each black & white markers: A-Z, 0-9, +, -, ⏚Full Stop, Blank, L1, L2, L3 and 1 applicator.



Black and Yellow Marker Kit K Type - NLCM3KIT

Contains 100 of each black & yellow markers: A-Z, 0-9, +, -, ⏚ . Also contains 200 x 12 digit carrier strips and 100 x 7 digit carrier strips.

Order Code	Model No.	Marker Size/ Type	Price - Each 1 off
1052073578	NLCM1KIT	Mixed Marker 0.75 - 6.0mm	£56.74
1052073582	NLCM2KIT	B/W Marker 0.75 - 6.0mm	£164.98
1052073615	NLCM3KIT	Black & Yellow Marker K Type	£169.04

Insulated Enclosed

- Earth terminal included.
- Interlocking lid ensures removal in OFF position only.
- Flame retardant material.
- Captive insulated screws in lid.
- Padlockable handle for added security.
- For motor isolation applications auxiliary can be fitted.
- For auxiliary blocks see page 239.
- IP65 rating.
- EN 60947 compliant.
- SEMKO, CB and UL approved.

CE 1 YR

Order Code	Model No.	Current Rating (Amp)	Dimensions (mm) H x W x D	Knockouts (mm)	Price - Each 1 off
4 Pole Compact					
1051042893	NLSW204PE	20	125 x 100 x 70	20	£24.85
1051042894	NLSW324PE	32	125 x 100 x 70	20	£32.88
4 Pole					
1051049561	NLSW204PEL	20	175 x 125 x 90	25	£29.70
1051049562	NLSW324PEL	32	175 x 125 x 90	25	£42.21
1051042895	NLSW634PE	63	175 x 125 x 90	25	£48.43
1051042896	NLSW804PE	80	175 x 125 x 90	25	£54.88
1051042897	NLSW1004PE	100	280 x 190 x 130	25	£127.83
6 Pole					
1051042905	NLSW206PE	20	280 x 190 x 130	25	£63.69
1051042906	NLSW326PE	32	280 x 190 x 130	25	£75.10

For 6 Pole 63A see Steel Enclosures.

NLSW1004PE



NLSW204PEL NLSW204PE

Steel Enclosed

- Interlocking lid ensures removal in OFF position only.
- Fully earth bonded.
- Epoxy coated strong steel enclosure RAL 7032.
- For auxiliary blocks see page 239.
- Padlockable handle for added security.
- IP65 rating (when installed correctly).
- EN 60947 compliant.
- SEMKO, CB and UL approved.

CE 1 YR

Order Code	Model No.	Current Rating (Amp)	Dimensions H x W x D (mm)	Knockouts (mm)	Price - Each 1 off
4 Pole Compact					
1051042908	NLSW204ME	20	176 x 108 x 120	Plain	£76.16
1051042909	NLSW324ME	32	176 x 108 x 120	Plain	£85.68
4 Pole					
1051042910	NLSW634ME	63	182 x 182 x 135	Plain	£97.19
6 Pole					
1051042907	NLSW636PE	63	400 x 300 x 200	Plain	£139.66

For glands see page 105



NLSW204ME NLSW634ME

Stainless Steel Enclosed

- Grade 304 brushed stainless steel.
- Padlockable in the OFF position.
- Switch rating AC-22.
- For auxiliary blocks see page 239.
- Suitable for pharmaceutical and food preparation areas.
- Manufactured to IEC & EN 60947-3.

1 YR IP65

Suitable for washdown areas

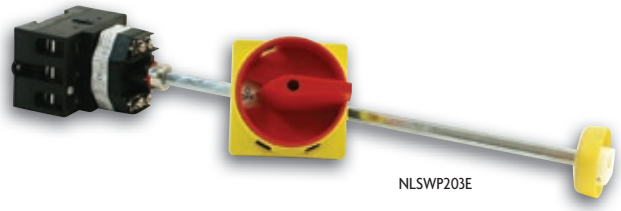
Order Code	Model No.	Curent Rating (Amps)	Dimensions (mm) H x W x D	Knockouts (mm)	Price - Each 1 off
1051088612	NLSW204SS	20	173 x 100 x 120	Plain	£133.55
1051088613	NLSW324SS	32	173 x 100 x 120	Plain	£136.38
1051088614	NLSW634SS	63	178 x 178 x 135	Plain	£164.50

For holesaws see page 291



NLSW204SS NLSW634SS

Panel Mounted - 3 Pole



NLSWP203E

- Finger proof terminals.
- Complete with 282mm metal shaft.
- Screw or DIN rail mounting.
- Door interlocked, padlockable handle for added security.
- For auxiliary blocks see above.
- IP65 rated handle (when correctly installed).
- EN 60947 compliant.
- SEMKO, CB and UL approved.

CE 1 YR

Order Code	Model No.	Current Rating (Amps)	AC23 (kW)	Price - Each 1 off
1051042898	NLSWP203E	20	5.5	£26.01
1051042899	NLSWP323E	32	11	£31.12
1051042900	NLSWP633E	63	22	£39.87

Auxiliaries



NLSWAUX1E

- Volt free contact (16A at 500V AC1).
- The normally open contact is early break/late make.
- Fits all switches except compact and changeover.
- UL approved.

CE 1 YR

Order Code	Model No.	Description	To Fit Amp	Price - Each 1 off
1051042911	NLSWAUX1E	1NO + 1NC	20 - 63	£7.88
1051042912	NLSWAUX2E	1NO + 1NC	80 - 100	£8.70

Changeover Switches



NLSWC0252E



NLSWC0632E

- 2 Pole multiple knockouts (20/25mm).
- 4 Pole 25mm knockouts (25A only).
- 4 Pole 63A steel enclosure with removeable gland plate.
- Interlocking lid/door ensures removal in OFF position only.
- Padlockable handle for added security.
- IP65 rating.
- EN 60947 compliant.
- UL, Bureau Veritas, Lloyds Register.

CE 1 YR

Order Code	Model No.	Current Rating (Amps)	Dimensions H x W x D (mm)	Depth (mm) Inc. Switch	Price - Each 1 off
2 Pole					
1051042902	NLSWC0252E	25	175 x 151 x 95	130	£68.92
1051042903	NLSWC0632E	63	180 x 182 x 137	178	£187.87
1051056975	NLSWC1002E	100	254 x 180 x 137	178	£268.20
4 Pole					
1051042901	NLSWC0254E	25	280 x 190 x 130	192	£71.18
1051042904	NLSWC0634E*	63	400 x 300 x 200	257	£205.37

* Steel enclosure

Plug In Relays - 2 & 3 Pole

- Industry standard octal plug in relays.
- Built in lockable test button, flag indicator and LED.
- 10 Amp switching capability.
- High electrical endurance (100,000 operations).
- AgSn02 (Cadmium- free) contacts.
- Other voltages available to order.
- Manufactured to IEC 61810-1.
- UL approved.

CE 1 YR



NLCR2DS



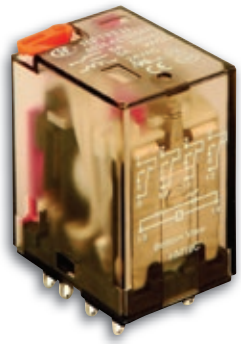
NLCR3CS

Order Code	Model No.	No. of Pins	No. of Poles	Contact Rating (Amps)	Voltage	Price - Each 1 off
1051049543	NLCR2DS	8	2	10	12V DC	£18.40
1051049544	NLCR2ES	8	2	10	24V DC	£18.40
1051049545	NLCR2AS	8	2	10	24V AC	£18.40
1051049546	NLCR2CS	8	2	10	230V AC	£20.42
1051049547	NLCR3ES	11	3	10	24V DC	£22.66
1051049548	NLCR3AS	11	3	10	24V AC	£22.66
1051049549	NLCR3CS	11	3	10	230V AC	£23.58

Plug in Relays - 4 Pole

- Industry standard 14 pin plug in relays.
- Built in lockable test button, flag indicator and LED.
- 5 Amp switching capability.
- Cadmium-free contacts.
- Other voltages available to order.
- Manufactured to IEC 61810-1.
- UL, & VDE approved.

CE 1 YR



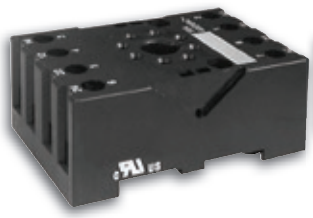
NLCR4LAS

Order Code	Model No.	No. of Pins	No. of Poles	Current Rating (Amps)	Voltage	Price - Each 1 off
1051049550	NLCR4LES	14	4	5.0	24V DC	£11.22
1051049551	NLCR4LAS	14	4	5.0	24V AC	£11.22
1051049552	NLCR4LCS	14	4	5.0	230V AC	£13.29

Plug in Relays - Bases

- Surface or DIN rail mount.
- Supplied with marking tab.
- Manufactured to IEC 61810-1.
- UL approved.

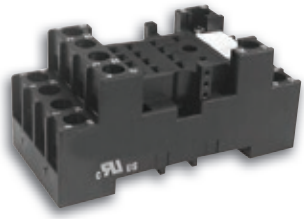
CE 1 YR



NLCR8S



NLCR11S



NLCR14S

Order Code	Model No.	No. of Pins	Price - Each 1 off
1051049553	NLCR8S	8	£6.73
1051049554	NLCR11S	11	£7.42
1051049555	NLCR14S	14	£6.56

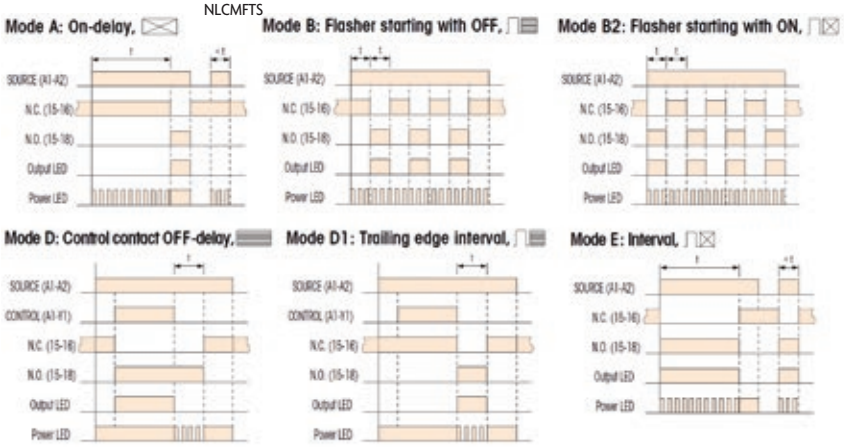
Multi Function Timer - Delay on/Delay Off

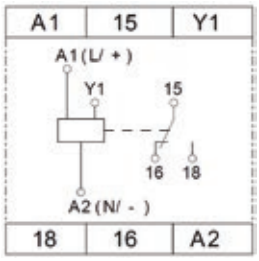


NLCMFTS

- Multi voltage 12 to 240VAC/DC.
- 8 Amp switching capability.
- Single pole change over contact.
- 7 selectable functions.
- Time range 0.1 seconds to 100 hours.
- DIN rail mounted.
- 17.5mm width.
- Manufactured to EN 61812-1, EN 61010-1.
- CE & UL approved.

Order Code	Model No.	Description	Price - Each 1 off
1051049556	NLCMFTS	Timer, Multi Time Range, Multi Voltage	£66.93





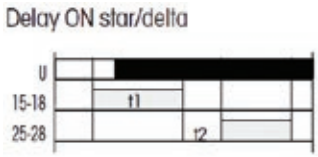
Timer - Star/Delta

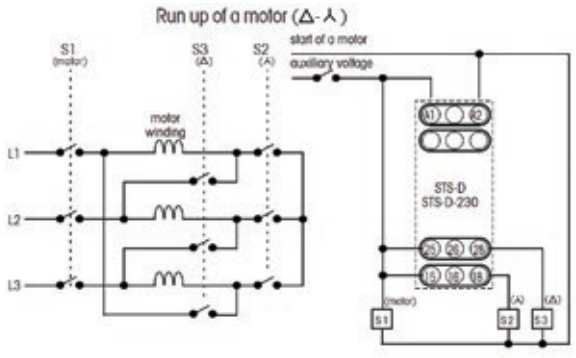


NLCSDTS

- Multi voltage 12 to 240VAC/DC.
- 16 Amp switching capability
- Double pole change over contact.
- Star delta function.
- Time range 0.1 seconds to 100 hours.
- DIN rail mounted.
- 17.5mm width.
- Manufactured to EN 61812-1, EN 61010-1.
- CE approved.

Order Code	Model No.	Description	Price - Each 1 off
1051049557	NLCSDTS	Star Delta Timer	£114.14



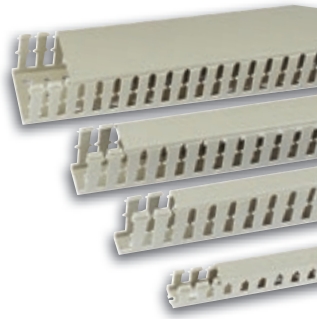


Panel Trunking

Order Code	Model No.	Dimensions (mm) Width	Height	Price - Each 1 off
1050152848	NLCPT1	25	40	£4.60
1050152849	NLCPT2	25	60	£6.53
1050152851	NLCPT4	40	40	£5.92
1050152852	NLCPT5	40	60	£8.40
1050152853	NLCPT6	40	80	£10.61
1050152854	NLCPT7	50	50	£6.98
1050152856	NLCPT9	60	80	£12.45
1050152857	NLCPT10	80	80	£15.59
1050152860	NLCPT13	100	100	£37.85

- Open slot panel trunking manufactured from rigid, anti-shock plastic.
- 2M lengths.
- Complete with lid.
- Grey RAL 7030.
- Fingers easily removed to accommodate larger cable sizes.
- Base holes slotted to DIN 43659, CE123-22.
- Flame and combustion resistant to DIN 4102 and ASTMD 635.

CE 1 YR



Grommet Strip

Order Code	Model No.	Length (M)	Price - Each 1 off
1051043277	NLGROMSTRIP3	25	£17.55

- Flexible 'U' design to line irregular shaped holes through panels or bulkheads to prevent chafing of cables and pipes.
- For use on panels with thickness ranging from 0.4 - 1.3mm.
- Made from highly flexible polyethylene.



NLGROMSTRIP3

Spiral Binding

Order Code	Model No.	Diameter (mm) Min/Max Bundle	Colour	Price - Pack 1 off
1050362968	NLCSB1NE	4.8 - 50	Neutral	£7.64
1050362969	NLCSB1BL	4.8 - 50	Black	£7.64
1050362970	NLCSB2NE	9.5 - 100	Neutral	£9.38
1050362971	NLCSB2BL	9.5 - 100	Black	£9.38

- Ideal for tidying and grouping cables.
- Re-usable.
- Polythene.
- -60° to +90°C working temperature.
- Packed in 5M lengths.

1 YR



NLCSB2NE

NLCSB1BL

Braided Sleeving

Order Code	Model No.	Colour	Diameter (mm) Min.	Max.	Price - Pack 1 off
1050362958	NLCBS5G	Grey	3	9	£9.87
1050362959	NLCBS5B	Black	3	9	£9.87
1050362962	NLCBS15G	Grey	10	21	£16.73
1050362963	NLCBS15B	Black	10	21	£16.73
1050362966	NLCBS40G	Grey	30	55	£36.11
1050362967	NLCBS40B	Black	30	55	£36.11

- Robust sleeving to protect cables from abrasion.
- Polyester.
- Working temperature -50°C to +150°C.
- Melting point 256°C.
- Conforms to UL94 flammability class V2.
- Halogen free.
- Packed in 10M lengths.

N.B. Cut ends to be fused.

1 YR



NLCBS15G

NLCBS15B

Cable Wrap

Order Code	Model No.	Diameter (mm)	Colour	Price - Pack 1 off
1050362955	NLSCC1B	20	Black	£9.98
1050362957	NLSCC2B	25	Black	£12.96

- Allows easy access to the cable at any point.
- Quick, easy installation.
- Can be used to wrap and cover wires, cables and hoses.
- Flame retardant PA6 material.
- Working temperature -40° to +90°C.
- UL94VO.
- Packed in 2M lengths complete with applicator.

1 YR



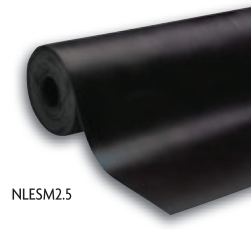
NLSCC1B

Electrical Switchboard Matting

Order Code	Model No.	Length (M)	Price - Each 1 off
1051045700	NLESM2.5	2.5	£201.54
1051045699	NLESM5	5	£403.08
1051045698	NLESM10	10	£806.32

- Conforming to BS EN 61111:2009.
- Class 0.
- For use up to 1000VAC and 1500VDC.
- Thickness: 4mm.
- Three lengths available.
- Additional sizes available to order.

For electric shock cards see page 206



NLESM2.5

Wall Mount Steel Enclosures

For further information see Enclosure Guide



NLME403021R

- Enclosures include zinc plated mounting plate.
- All round foamed-in PU door seal.
- Colour RAL 7035 powder coat textured finish.
- Ingress protection IP66.
- Impact protection IK08.
- Gland plate in base.
- For single-door enclosures hinged on right, may be swapped to left (except NLME302015R).
- Approvals: UL, CSA, TUV, Lloyds Register of shipping, VDE, Germanischer Lloyd, Russian Maritime Register of shipping, Bureau Veritas.
- Built to EN62208:2011.

Order Code	Model No.	Dimensions (mm) Enclosure H	W	D	Mounting Plate H	W	Door Locks	Weight (kg)	Price - Each 1 off
2500907763	NLME302015R	300	200	155	275	162	1	4.5	£62.97
2500907764	NLME303021R	300	300	210	275	254	1	7.0	£74.94
2500907765	NLME403021R	400	300	210	375	254	1	8.8	£88.88
2500907766	NLME383821R	380	380	210	355	334	1	9.8	£100.40
2500907767	NLME504021R	500	400	210	475	354	2	13	£111.75
2500907768	NLME505021R	500	500	210	470	449	2	16.8	£140.18
2500907769	NLME603821R	600	380	210	570	334	2	15.6	£119.33
2500907770	NLME606025R	600	600	250	570	549	2	24.8	£181.86
2500907771	NLME766035R	760	600	210	730	549	2	32.1	£248.22



NLMEMBRKT



NLMELOCKR

Accessories

Order Code	Model No.	Price - Each 1 off
Wall Mounting Bracket (Qty 4)		
2500907773	NLMEMBRKT	£16.20
Key Lock (Qty 1)		
2500907772	NLMELOCKR	£9.21

Wall Mount GRP Enclosures



NLGRP404020R

- Fibreglass reinforced unsaturated polyester.
- Enclosures include zinc plated mounting plate.
- All round foamed-in PU door seal.
- Twin seal on the top and bottom edges of the door as integral rain protection strip.
- Colour similar to RAL 7035.
- Ingress protection IP66.
- Impact protection IK08.
- Door hinged on right can be swapped to left.
- Approvals: TUV, Lloyds Register of shipping, Germanischer Lloyd, Russian Maritime Register of shipping, Bureau Veritas.
- Built to EN62208:2011.

Order Code	Model No.	Dimensions (mm) Enclosure H	W	D	Mounting Plate H	W	No. of Locks	Weight (kg)	Price - Each 1 off
2500907753	NLGRP302015R	300	200	150	250	145	1	3.4	£81.99
2500907754	NLGRP352515R	350	250	150	300	195	1	4.3	£93.77
2500907755	NLGRP403020R	400	300	200	350	245	2	5.9	£124.71
2500907756	NLGRP404020R	400	400	200	350	345	2	7.9	£167.00
2500907757	NLGRP604020R	600	400	200	550	345	2	11.5	£199.88
2500907758	NLGRP606020R	600	600	200	550	545	2	15.9	£280.20
2500907759	NLGRP806030R	800	600	300	750	517	1*	26.5	£324.36
2500907760	NLGRP1008030R	1000	800	300	950	717	1*	41.7	£708.58

*3 point locking system



NLGRPMBRKT



NLGRPLOCKR

Accessories

Order Code	Model No.	Price - Each 1 off
Wall Mounting Bracket (Qty 4)		
2500907761	NLGRPMBRKT	£13.00
Key Lock (Qty 1)		
2500907762	NLGRPKLOCKR	£22.55

Fans, Filters & Thermostats

- Fans and filter unit colour RAL 7035.
- Complete filter and fan units ready to install filter mat included.
- For more efficient operation use thermostat.
- Ingress protection IP54.
- Operating voltage 230 VAC 50/60Hz.
- Thermostat setting range +50°C - +60°C.



NLENCTHERM



NLFAN20M

Fan Unit			Outlet Filter			Enclosure Internal Thermostat			Fan & Filter Unit Dimensions W x H (mm)	All Throughput (m^3/h)		
Order Code	Model No.	Price - Each 1 off	Order Code	Model No.	Price - Each 1 off	Order Code	Model No.	Price - Each 1 off		Unimpeded	1 x Outlet Filter	2 x Outlet Filter
2500907774	NLFAN20M	£77.54	2500907732	NLFILTER20	£28.86	2500907739	NLENCTHERM	£38.96	116.5 x 116.5 x 59	20 / 25*	15 / 18*	-
2500907733	NLFAN55M	£126.52	2500907734	NLFILTER55	£35.52	2500907739	NLENCTHERM	£38.96	148.5 x 148.5 x 74.5	55 / 66*	43 / 50*	48 / 57*
2500907735	NLFAN105M	£148.86	2500907736	NLFILTER105	£39.90	2500907739	NLENCTHERM	£38.96	204 x 204 x 114	105 / 120*	87 / 100*	93 / 108*

*50/60Hz

Heaters

- PTC heater.
- Quick connect terminals.
- Approvals UR, cUR, CSA.

Order Code	Model No.	Rated Operating Voltage Range (V, Hz)	Dimensions W x H x D (mm)	Continuous Thermal Output at Ambient Temperature of 10°C (W)	Price - Each 1 off
2500907737	NLENCH20W	110-240, 50/60	45 x 120 x 46	18 - 20 (50 - 60Hz)	£55.66
2500907738	NLENCH50W	110-240, 50/60	64 x 155 x 56	49 - 50 (50 - 60Hz)	£88.60



NLENCH20W



NLENCH50W

Note:

For precise temperature control inside the enclosure, we recommend using the enclosure internal thermostat, NLENCTHERM.

CUSTOM BUILD SERVICE

For modification of standard product or made to order socket outlet panels and transformers, built to your requirements, please call our helpline.

Newlec Custom Build Helpline:

01952 212 719



Wall Mount Steel Electrical Box



NLMEB202012

- Sheet steel enclosure with hinged door.
- Enclosures include zinc plated mounting plate.
- All round foamed-in PU door seal.
- Colour RAL 7035 powder coat textured finish.
- Protection category - IP66 IEC 60 529 complies with NEMA 4.
- 180 degree hinged door.
- Approvals: UL, CSA, TUV, Lloyds Register of shipping, VDE, Germanischer Lloyd, Russian Maritime Register of shipping, Bureau Veritas.
- Built to EN62208:2011.

Order Code	Model No.	Dimensions (mm) Enclosure H	W	D	Mounting Plate H	W	Weight (kg)	Price - Each 1 off
2500907740	NLMEB151580	150	150	80	135	125	1.7	£47.12
2500907741	NLMEB202012	200	200	120	185	175	2.8	£51.20
2500907742	NLMEB203012	200	300	120	285	175	3.6	£60.40
2500907743	NLMEB303012	300	300	120	285	275	5.0	£69.33
2500907744	NLMEB304012	300	400	120	385	275	6.4	£75.93

Wall Mount Steel Terminal Box



NLMTB202080

- Sheet steel enclosure with screwed lid.
- All round foamed-in PU cover seal.
- Colour RAL 7035 powder coat textured finish.
- Ingress Protection - IP66 to IEC 60529, complies with NEMA 4.
- Quick-action lid fixing screw including plastic bushes.
- Approvals: UL, CSA, TUV, Lloyds Register of shipping, VDE, Germanischer Lloyd, Russian Maritime Register of shipping, Bureau Veritas.
- Built to EN62208:2011.

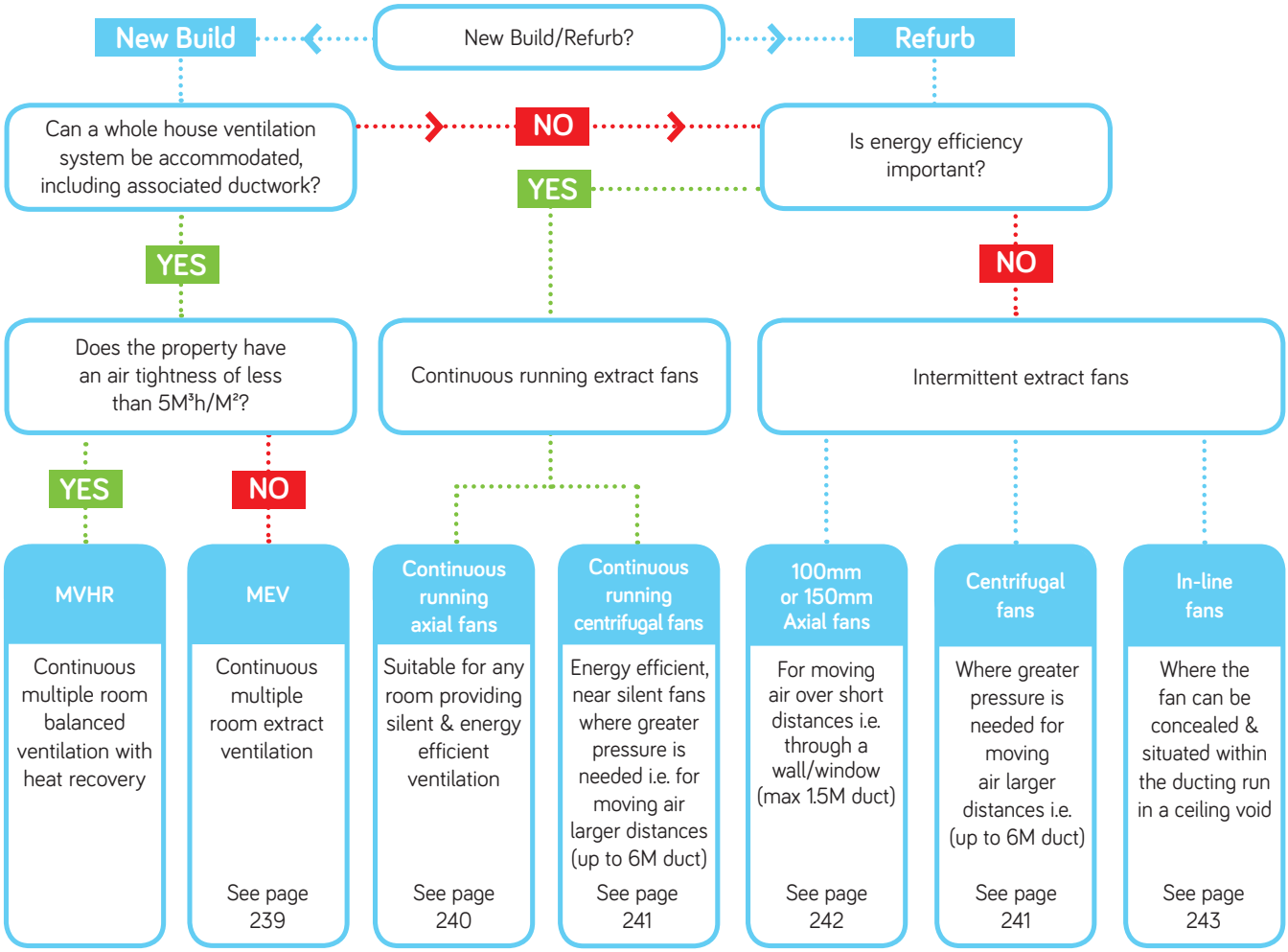
Order Code	Model No.	Dimensions (mm) H	W	D	Weight (kg)	Price - Each 1 off
2500907745	NLMTB151580	150	150	80	1.4	£30.52
2500907746	NLMTB202080	200	200	80	1.9	£35.79
2500907747	NLMTB151512	150	150	120	1.6	£34.06
2500907748	NLMTB202012	200	200	120	2.3	£38.61
2500907749	NLMTB301512	300	150	120	2.6	£39.65
2500907750	NLMTB302012	300	200	120	3	£42.87
2500907751	NLMTB303012	300	300	120	4.0	£52.07
2500907752	NLMTB403012	400	300	120	4.8	£57.02



HVAC

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What Type of Ventilation Do I Need?



Legislation Summary

When selecting ventilation you can come across many terms and expressions used to promote certain products and systems over others in relation to legislative compliance. It is often not clear what is needed or why and so the aim here is to explain and simplify the most common terms used when ventilation is being specified.

Approved Document F

Also known as Part F or ADF. Part F is the legislation that outlines the ventilation requirements for both new build and existing dwellings. If a product is described as Part F compliant then it meets the criteria set out in this legislation.

Approved Document L

Also known as Part L or ADL. This deals with the conservation of fuel and power - basically energy efficiency. Part L was updated in 2013 and stated energy efficiency targets for houses had to improve by 8%. Ventilation has to comply with a maximum energy use called Specific Fan Power and these are set according to the type of ventilation being used.

Intermittent Extract Ventilation - no higher than 0.5 W/l/s

Continuous Extract Ventilation - no higher than 0.7 W/l/s

Continuous Supply Ventilation - no higher than 0.5 W/l/s

MVHR - no higher than 1.5 W/l/s

SAP

The Government's Standard Assessment Procedure (SAP) is used for assessing the energy performance of dwellings and the associated running costs and also CO^2 emissions. The calculation is based on the energy balance (energy running costs vs overall energy efficiency) taking into account a range of factors that contribute to energy efficiency - ventilation is one of these factors.

How do all these things tie together and affect ventilation?

In its simplest form what is being outlined is:

- New builds and refurbs now have to meet various energy efficiency criteria as well as minimum standards of ventilation as laid out by Government legislation (Part L & Part F respectively).
- The ventilation used can have a beneficial effect on your SAP rating and these are listed in the National Calculation Database.

MEV

Whole house Mechanical Extract Ventilation (MEV) provides simultaneous ventilation of separate wet areas, kitchens and utility rooms in a house or flat, gathering wet polluted air and discharging it into the atmosphere.

How Does It Work?

- Unit is centrally located - normally in a loft or a cupboard.
- Extract vents are connected to the central unit using ducting.
- Air is simultaneously extracted from wet rooms - bathrooms, kitchens, en-suites, utilty rooms - up to 5 rooms simultaneously.

Usage

- Primarily used in domestic new build applications due to the need to run long ducting runs, although suitable for all types of domestic dwellings.
- Within the building regulations airtight houses are considered to be those with leakage less than 5m³ per hour per square metre of external envelope. New build houses with more than this would benefit from MEV.



User Friendly Installation

- Can be wall, ceiling or loft mounted for convenience.
- Easy commissioning - each spigot has an auto air volume regulator which controls the air volume pressure regardless of duct length.
- Unit can be controlled via remote switch enabling the user to select one of three fan speeds depending on their particular requirements.

Benefits

- **Energy efficiency** - Continuously runs at a very low rate and uses considerably less energy than having intermittent extractor fans in all the wet rooms.
- **Near silent running** - Because they extract continuously, they can do so at very low levels and with the unit sited remotely, they are extremely quiet.



NL8002

Kit Contents

The NL8002 MEV unit includes the following accessories:

Spigots - room extracts	Qty	Spigots - exhaust to atmosphere	Qty
80mm inlets	4	125mm inlet	1
80mm spigot covers	2		
125mm inlet	1		
125mm spigot cover	1		

- Extract from up to 5 wet rooms simultaneously.
- Eliminates cross contamination due to continuous operation.
- Low noise levels.
- 3 speed settings.

Performance	Extract performance M³/h	Extract performance L/S	Watts	dB(A)
Low	240	67	24	37
Medium	362	110	42	43
High	500	139	48	48

Order Code	Model No.	Description	Dimensions (mm) H x L x D	Price - Each 1 off
1052025552	NL8002	Whole House Ventilation Unit	420 x 240 x 425	£260.51



NL80028

Accessories for NL8002

Order Code	Model No.	Description	Diameter (mm)	Length (M)	Price - Each 1 off
1050371030	NL80028	Flexible Ducting	125	6	£31.38
1050371031	NL80029	Flexible Ducting	80	15	£35.68
1050371032	NL80030	Internal Grille	80	-	£6.17
1050371033	NL80031	Wall Kit*	125	-	£16.66
1050371029	NL80027	Flexible PVC Ducting	125	6	£41.66
1050371034	NL80032	Worm Drive Hose Clip	60-125	-	£5.21

2 YR



NL80031

*NL80031 125mm wall kit comprises of 1 x white grille and telescopic tube - 250mm extending to 450mm

For additional rigid & flexible ducting see page 245-246

Continuous Running/Quiet Fans

Follow these simple instructions for any Newlec continuous running axial or centrifugal filterless fan:

1. Install or retrofit any existing fan.
2. Set the trickle speed to 6l/s (suitable for bathrooms and ensuites) or 9l/s (suitable for kitchens and utility rooms).

Then enjoy all these benefits:

Virtually Silent Running

As low as 11dB(A).

Energy Efficiency

One of the most efficient fans available **and** is designed to work within the homes natural heat loss. No unnecessary heat is lost from the property.

Health Benefits

Reduces condensation, improves indoor air quality and helps prevent mould and damp.

Flexibility

Powerful performance and discreet, slimline styling make it suitable for any room in the house.

4" (100mm) Continuous Running Axial Fans

Virtually silent operation



- Single fan for use in all applications - suitable for any room in the house.
- Continuous running extract fan - 6l/s or 9l/s trickle selectable on installation - boost at 15l/s.
- Slimline flat front for discreet styling and also reduces dust and dirt build up.
- Reduces condensation and improves air quality.
- Designed to work within the homes natural heat loss.

CE 5 YR

Order Code	Model No.	Size (mm)	Extract Rate - l/s			Power Consumption (W)			Sound Level (dB(A)@3M)			Control Options			Price - Each 1 off
			Low Trickle	High Trickle	Boost	Low Trickle	High Trickle	Boost	Low Trickle	High Trickle	Boost	Pullcord	Timer	Humidistat	
1051058542	NLSAFT	100	6	9	15	2	3	4.7	11	16	25		✔		£105.62
1051058543	NLSAFTH	100	6	9	15	2	3	4.7	11	16	25	✔	✔	✔	£116.86

4" (100mm) Quiet Fans

60% quieter than standard intermittent fans



One of the quietest intermittent fans available on the market today.

- Over 60% quieter than standard intermittent fans - only 27dB(A).
- Low energy - only 4.8W.
- Part F and Part L compliant.
- Wall or ceiling mountable.
- Slimline, discreet design with a depth of only 22mm.

CE 2 YR

Order Code	Model No.	Size (mm)	Extract Rate l/s	Power Consumption (W)	Sound Level dB(A)@3M	Control Options		Price - Each 1 off
						Backdraught Shutters	Timer	
1051058546	NLQF	100	21	4.8	27	✔		£50.35
1051058547	NLQFT	100	21	4.8	27	✔	✔	£60.54

4" (100mm) Continuous Running Centrifugal Filterless Fans

- A filterless centrifugal fan requiring no maintenance schedule.
- Suitable for ducted applications where higher pressures are required.
- Self-cleaning centrifugal impellor.
- SELV version available - suitable for bathroom zone 1 areas containing a fixed bath or shower.
- Slimline profile compared to similar equivalent fans - only 90mm deep or can be flush mounted with a depth of only 17mm.

CE 3 YR

Filterless fan
no maintenance required



Order Code	Model No.	Size (mm)	Extract Rate - l/s			Power Consumption (W)			Sound Level (dB(A)@3M)			Control Options				Price - Each 1 off
			Low Trickle	High Trickle	Boost	Low Trickle	High Trickle	Boost	Low Trickle	High Trickle	Boost	Pullcord	Timer	Humidistat	SELV	
1051058544	NLSCF	100	8	13	25	1.5	2.5	8	11	16	36	✔	✔	✔		£134.53
1051058545	NLSCFSELV	100	8	13	25	1.5	2.5	8	11	16	36	✔	✔	✔	✔	£161.83

4" (100mm) Centrifugal Fans

With a specific fan power (SFP) of only 0.47, the Newlec centrifugal fan fully complies with both current Part F and Part L legislation.

- Can be ceiling or wall mounted.
- Can be flush of surface mounted.
- Adjustable rear or side spigot for ease of installation.
- Backdraught shutters - prevents incoming draughts and heat escaping when the fan is not in use.

CE 2 YR



NL882N

SFP 0.47

Order Code	Model No.	Size (mm)	Extract Rate l/s	Power Consumption Wattage	Sound Level dB(A) @ 3m	Control Options					Price - Each 1 off
						Backdraught Shutters	Pull Cord	Timer	Humidistat	SELV	
1051011034	NL882N	100	20.8	12.4	36	✔					£54.63
1051011035	NL882TN	100	20.8	12.4	36	✔		✔			£48.15

4" & 6" Domestic Fans

4" (100mm) intermittent extract fans are generally used for bathrooms, ensuites and toilets, with 6" (150mm) being used for kitchens and utilities where a higher rate of extraction is required. They operate most efficiently when wall or ceiling mounted and extract polluted air directly out of the property i.e. no extra ducting is required. The Newlec range of intermittent extract fans can be operated in one of four ways depending on the model selected.

No Additional Fan Controls

- Fan switches on or off remotely through light switch or other remote switch.

Timer

- Timers will continue to run for a predetermined amount of time - usually between 2 and 20 minutes - once the light has been switched off.

Pull Cord

- Allows the fan to be operated manually rather than being set to turn on when the light switch is turned on.

Humidistat

- This is a built-in adjustable sensor that will switch the fan on/off automatically when the humidity in the room reaches a certain level.

Newlec fans come with a choice of shutter options dependent on the model:

No Shutters

- Low cost on intermittent fans.
- Continuous running fans.
- In-line fans.

Backdraught Shutters

- Are plastic hinged flaps (also known as butterfly shutters) fitted on to the discharge of extractor fans which open when air is being extracted but do not allow air from the outside to travel back in to the property via the fan when not in operation.

Automatic Shutters

- These are thermo-activated internal shutters behind the interior grille of the fan which open and close silently completely sealing the unit when not in use to prevent any draughts, noise ingress or heat loss.

4" (100mm) Standard Fans



NL880

- Ideal for bathrooms, ensuites and toilets.
- Can be wall or ceiling mounted.
- High quality ABS mouldings.
- SELV version available - suitable for zone 1 areas containing a bath or a shower.
- CE marked and BEAB approved.

CE 2 YR

Standard 4" Fans - No Shutters

Order Code	Model No.	Size (mm)	Extract Rate l/s	Power Consumption Wattage	Sound Level dB(A)@3m	Control Options: Shutters	Pull Cord	Timer	Humidistat	SELV	Price - Each 1 off
1000009100	NL880	100	24	16	32						£14.73
1000009101	NL880T	100	24	16	32			✔			£19.63
1000009103	NL880H	100	24	16	32		✔		✔		£39.84

Standard 4" Fans - Automatic Shutters

Order Code	Model No.	Size (mm)	Extract Rate l/s	Power Consumption Wattage	Sound Level dB(A)@3m	Control Options: Automatic Shutters	Pull Cord	Timer	Humidistat	SELV	Price - Each 1 off
1050151418	NL880PS	100	24	20	32	✔	✔				£29.72
1050151416	NL880TS	100	24	20	32	✔		✔			£33.98
1050151417	NL880HS	100	24	20	32	✔	✔		✔		£51.59
1051058548	NL880SELV	100	24	20	32			✔	✔	✔	£54.81

6" (150mm) Standard Fans



NL883

- Ideal for kitchens and utilities where a higher rate of extraction is required.
- High quality ABS moulding.
- SELV version available - suitable for zone 1 areas containing a bath or shower.
- Suitable for panel, wall or ceiling mounting (pull cord models should not be mounted on the ceiling).
- CE marked and GS approved.

CE 2 YR

Standard 6" Fans

Order Code	Model No.	Size (mm)	Extract Rate l/s	Power Consumption Wattage	Sound Level dB(A)@3m	Control Options: Automatic Shutters	Pull Cord	Timer	Humidistat	Price - Each 1 off
1000009108	NL883	150	68	25	45					£54.34
1000009109	NL883S	150	68	30	45	✔	✔			£83.48
1050151419	NL883TS	150	68	30	45	✔		✔		£99.05
1000009537	NL883HS	150	68	30	45	✔			✔	£129.44

4" (100mm) Low Profile Fans

Designed to be more aesthetically pleasing, the Newlec range of low profile fans have a slim 22mm grille yet lose nothing in terms of performance or versatility.

- Can be wall or ceiling mounted for installation convenience.
- Backdraught shutters to prevent draughts.
- SELV version available - suitable for Zone 1 areas containing a fixed bath or shower.

2 YR



Order Code	Model No.	Size (mm)	Extract Rate l/s	Power Consumption (W)	Sound Level dB(A)@3M	Control Options: Backdraught Shutters	Pullcord	Timer	Humidistat	SELV	Finish	Price - Each 1 off
1051058550	NLLPF100TA	100	25	14	38	✔		✔			White	£25.29
1051058552	NLLPF100LVTA	100	25	14	38	✔		✔		✔	White	£56.41
1051058553	NLLPF100LVTHA	100	25	14	38	✔	✔		✔	✔	White	£73.40

4" (100mm) Shower Fan Kits

Ideal for use within shower enclosures, wet areas and en-suites, the Newlec shower fan kits are easy to install and eliminate the risks of electric shocks as the fan is situated remotely. Available with an overrun timer or an overrun timer with light.

Kits include:

- Fan.
- 1.5m flexible ducting.
- Internal and external grilles.
- Screws, plugs and cable ties.
- Light option includes 12V transformer and light kit.

2 YR



NLFLT3

SFP 0.43

4" Shower Fan Kits

Order Code	Model No.	Size (mm)	Extract Rate l/s	Power Consumption Wattage	Sound Level dB(A) @ 3m	Shutters	Control Options: Timer	Light	Price - Each 1 off
1051011037	NL88ITN	100	23.6	15	41		✔		£41.09
1051011038	NLFLT3	100	23.6	15	41		✔	✔	£78.58

4" (100mm) In-Line Mixed Flow Fans

The Newlec In-Line mixed flow fans offer two and a half times the pressure of a conventional axial fan whilst also being dimensionally compact. This makes them ideal for solving ventilation problems for ducted systems.

- Energy efficient and Part L compliant - SFP of only 0.4 at low speed and 0.37 at high speed.
- High quality ball bearing long life motors.
- Ideal for ducted applications.
- IPX4 rated.

CE 2 YR



NL8000

SFP 0.4 LOW SPEED

SFP 0.37 HIGH SPEED

Order Code	Model No.	Size (mm)	Extract Rate l/s High speed/low speed	Power Consumption Wattage	Sound Level dB(A) @ 3m High speed/ low speed	Control Options: Timer	Price - Each 1 off
1052025550	NL8000	100	69/52	25	24/20		£109.16
1052025551	NL8001	100	69/52	25	24/20	✔	£117.95

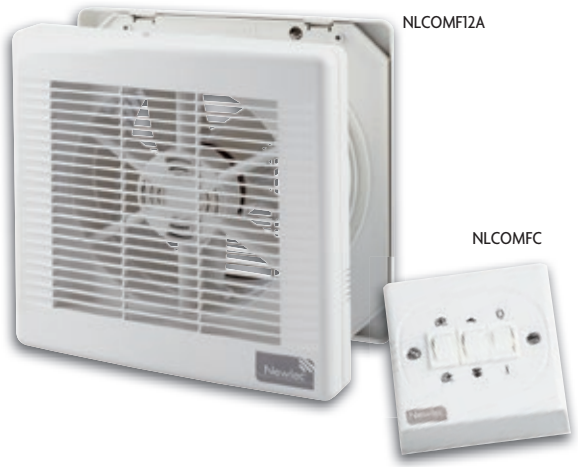
Commercial Fans

In order to determine the right size fan for the commercial application required, you need to calculate the correct fan performance (M³/hr). To do this calculate the room volume in cubic metres, i.e. length x breadth x height, and then multiply by the number of air changes required. For example a canteen is 10M wide by 6M long and 3M high, the canteen is 180M³ (10 x 6 x 3) and requires 8 air changes - 180 x 8 = 1440 M³/hr extract performance required. Assuming the fan is wall mounted, then select a 12" wall fan.

Air Changes Required

Bathroom & Shower Rooms	3	Hairdressing Salons	10	School Rooms	2
Bedrooms	2	Halls & Landings	3	Shops	8
Cafes	10	Hospital Rooms	4	Sports Facilities	6
Canteens	8	Laundries & Launderettes	10	Store Room	3
Cellars	3	Living & Other Domestic Rooms	3	Toilets - Domestic	3
Changing Rooms with Showers	15	Meeting Rooms	4	Toilets - Public	10
Conference Rooms	8	Offices	6	Utility Rooms	15
Garages	6	Restaurants & Bars	6	Workshops	6

Commercial Fans



NLCOMF12A

NLCOMFC

- Suitable for panel/wall mounting or window mounting with appropriate window accessory kit.
- External 2 speed reversible on/off controller available (NLCOMFC).
- Motor fitted with thermal overload protection.
- CE marked in accordance with all the relevant EEC standards.
- IP44 rated.

CE 2 YR

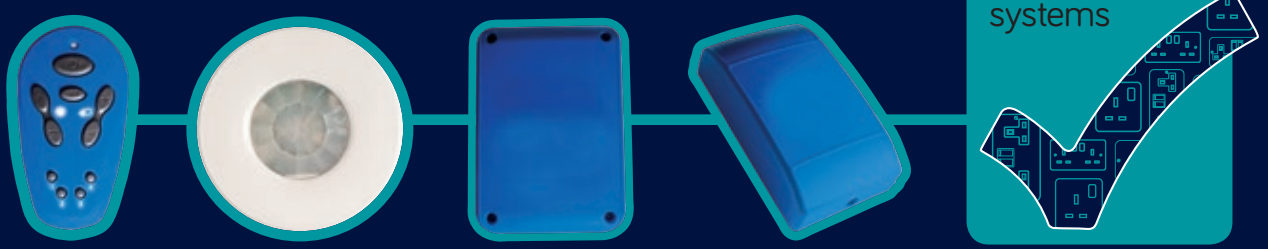
Order Code	Model No.	Description	Size (")	Extract Rate (M³/hr)	Sound Level dB(A) @ 3M	Control Options Auto Shutter	Price - Each 1 off
1050151361	NLCOMF9F	Commercial Fan with Fixed Grille	9	1015	52		£296.42
1050151363	NLCOMF9A	Commercial Fan with Automatic Shutters	9	1015	52	✔	£382.42
1050151367	NLCOMF12A	Commercial Fan with Automatic Shutters	12	1630	54	✔	£625.47
1050151364	NLWK9	Window Kit	9				£39.81
1050151368	NLWK12	Window Kit	12				£56.01
1050151369	NLCOMFC	2 Speed Reversible Controller					£54.75

NEW

DALI OCCUPANCY SYSTEM

SEE PAGES 49 & 50

Quick and easy set up DALI lighting control systems



Flat Channel and Accessories

NLFC2M



NLFCCLIP



NLFCCON



NLFCEBF



NLFCEBM



NLFCHB



NLFCVB



NL8012



NL8016



NLFCAB



110mm x 54mm Accessories

Order Code	Model No.	Description	Diameter (mm)	Price - Each 1 off
1050325791	NLFC2M	2M Flat Channel	-	£32.29
1050325792	NLFCCLIP	Fixing Clip	-	£4.06
1050325793	NLFCCON	Flat Connector	-	£3.66
1050325794	NLFCEBF	90° Elbow Female	100	£7.49
1050325795	NLFCEBM	90° Elbow Male	100	£8.18
1050325796	NLFCHB	90° Horizontal Bend	-	£7.83
1050325797	NLFCVB	90° Vertical Bend	-	£7.83
1050325798	NLFCAD	Round to Horizontal	100	£7.66

1 YR

204mm x 60mm Accessories

Order Code	Model No.	Description	Diameter (mm)	Price - Each 1 off
1052025537	NL8010	1.5M Flat Channel	-	£37.03
1052025540	NL8013	Fixing Clip	-	£11.15
1052025541	NL8014	Flat Connector	-	£8.06
1052025542	NL8015	90° Elbow Male	100	£17.15
1052025538	NL8011	90° Horizontal Bend	-	£18.52
1052025539	NL8012	90° Vertical Bend	-	£13.03
1052025543	NL8016	Round to Horizontal	125	£10.69

1 YR

PVC Flexible Ducting



NL870

1 YR

Order Code	Model No.	Length (M)	Diameter	Price - Each 1 off
1000009110	NL870	3	4" (100mm)	£10.69
1050325789	NL872	15	4" (100mm)	£48.92
1000009535	NL883D	3	6" (150mm)	£19.55

Exterior Wall Grille

NL877B



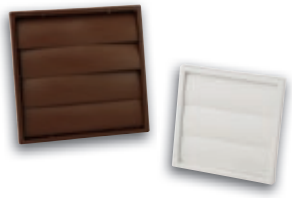
NL871

1 YR

Order Code	Model No.	Colour	Diameter	Price - Each 1 off
1000009111	NL871	White	4" (100mm)	£8.29
1050151547	NL871B	Brown	4" (100mm)	£8.29
1000009536	NL877	White	6" (150mm)	£15.32
1000009599	NL877B	Brown	6" (150mm)	£15.32

Gravity Wall Grille

NL883GB



NL880G

1 YR

Order Code	Model No.	Colour	Diameter	Price - Each 1 off
1000009533	NL880G	White	4" (100mm)	£8.29
1000009600	NL880GB	Brown	4" (100mm)	£8.29
1000009534	NL883G	White	6" (150mm)	£15.32
1000009601	NL883GB	Brown	6" (150mm)	£15.32

Wall Venting Kit



NL873

1 YR

Order Code	Model No.	Colour	Diameter	Price - Each 1 off
1000009113	NL873	White	4" (100mm)	£26.98
1050363045	NL873B	Brown	4" (100mm)	£26.98
1000009114	NL874	White	6" (150mm)	£35.43
1050363046	NL874B	Brown	6" (150mm)	£33.78

Window Venting Kit



NL875

1 YR

Order Code	Model No.	Diameter	Price - Each 1 off
1000009115	NL875	4" (100mm)	£33.15
1000009116	NL876	6" (150mm)	£50.75

The Enhanced Capital Allowance (ECA) scheme defines energy efficient dryers as those that use less than 6.9kWh of electricity per 1000 standard cycles. All Newlec energy efficient dryers meet this criteria with the 1.6kW fast dry hand dryer ranges being on the Energy Technology List (ETL) meaning they are eligible for the governments ECA scheme. The ECA scheme provides businesses with enhanced tax relief for investments in equipment that meets their published energy saving criteria thereby providing an incentive to invest in energy efficient equipment (see etl.decc.gov.uk for further details).

Choosing the most energy efficient dryer for your needs

Based on an assumption of electricity costs of £0.095 per kW/Hr, with the dryer being used for 200 dries a day for 300 days a year. The cost of using paper towels is based on 4000 paper towels.

	Paper Towels	2.4kW Hand & Face Dryer	1.6kW Energy Efficient Dryer	1.0kW Energy Efficient Dryer	Cross Wind Hand Dryer
Energy Cost per Year	£510	£106.40	£32.40	£19.00	£20.58
kW per hour per 1000 drying cycles	N/A	16.7	5.4	3.3	3.6
ECA Eligible	N/A	NO	YES	NO	NO

1.6kW Energy Efficient Fast Dry Hand Dryers

- Automatic operation - reduces risk of spreading germs.
- Motor thermal protection auto resetting at 105°C.
- IPX1 rated.
- Class 1 Electrical Safety.

2 YR

Energy Saving Features

- 12-14 second dry time - uses less energy per dry.
- Low energy option on installation - from 1.6kW down to 1.2kW for even greater energy savings.
- Blue LED gives visible indication of drying zone ensuring hands are always in warm air stream.
- Eligible for ECA funding.





NL9000

Save over 65% energy vs conventional 2.4kW dryers



NL9001



NL9002

Order Code	Model No.	Noise Level (dBA) at 1M	Output (kW)	Airflow Volume m³/hr	IP Rating	Dimensions (mm) H	W	D	Finish	Price - Each 1 off
1050363164	NL9000	78	1.6 - 1.2	116	IPX1	277	201	175	White	£481.15
1050363165	NL9001	78	1.6 - 1.2	116	IPX1	277	201	175	Stainless	£518.91
1050363166	NL9002	78	1.6 - 1.2	116	IPX1	277	201	175	Satin	£518.91

1.0kW Energy Efficient Fast Dry Hand Dryers



NL1KWFD

Save over 80% energy vs conventional 2.4kW dryers

Energy Saving Features

- 10-12 second dry time - uses less energy per dry.
- Only 1kW rating - one of the lowest power consumptions in the energy efficient hand dryer market.
- Blue LED gives visible indication of drying zone ensuring hands are always in warm air stream.

- Automatic operation - reduces risk of spreading germs.
- 60 seconds auto shut-off.
- Class 1 Electrical Safety.
- IPX1 rated.
- Steel 1.2mm epoxy coated cover - extremely durable.

2 YR

Order Code	Model No.	Noise Level (dBA) at 1M	Output (kW)	Airflow Volume m^3/hr	IP Rating	Dimensions (mm) H	W	D	Finish	Price - Each 1 off
1051039964	NL1KWFD	78	1	113	IPX1	180	250	138.5	White	£371.14

Energy Efficient Jet Hand Dryer

The new Newlec jet dryer offers the ultimate in fast, hygienic and energy efficient hand drying. Its robust construction means this dryer is suitable for nearly all public places, including restaurants, pubs, office buildings, factories, supermarkets and hospitals.



NLJETDRY

Save over 80% energy vs conventional 2.4kW dryers

Energy Saving Features

- 10 second dry time - uses less energy per dry
- Brushless lo-carbon long life DC motor adjustable between 750W - 2050W
- Adjustable heater element - from 1.3kW down to 900W for even greater energy savings.

- Automatic operation - reduces risk of spreading germs.
- Antibacterial coating on dryer - prevents multiplication and spreading of germs.
- Antibacterial HEPA dust filter - kills 99.9% of germs.
- Removable drip tray for easy maintenance.
- Blue LED gives visible indication of drying zone ensuring hands are always in warm air stream.

2 YR

Order Code	Model No.	Colour	Output (kW)	Drying Time	Airflow Volume m/s	IP Rating	Dimensions (mm) H	W	D	Price - Each 1 off
1051090935	NLJETDRY	Silver	DC 750	10 seconds	95	IPX4	700	300	225	£878.68

Hand and Face Dryers

- Automatic non-contact operation - less opportunity of passing on germs.
- Dry time - 26 seconds approx.
- 2mm metal cover (NLA48A and NLA48CA).
- Die cast aluminium cover (NL9AHD).

2 YR BEAB Approved


NL9AHD


NLA48A


NLA48CA

Order Code	Model No.	Output (kW)	Airflow Volume m³/hr	IP Rating	Dimensions (mm) H	W	D	Finish	Price - Each 1 off
1000009512	NL9AHD	2.6	275	IP24	264	275	177	White (Alu)	£311.10
1050325785	NLA48A	2.4	345	IPX1	248	284	202	White	£414.86
1050325786	NLA48CA	2.4	345	IPX1	248	284	202	Stainless	£489.09

1.8kW Hand Dryer

- Automatic non-contact infrared operation - less opportunity of passing on germs.
- High powered 1.8kW output.
- Vandal resistant die cast aluminium casing.
- Stylish design.
- 25 second dry time (approx).

1 YR CE


NLAHD1.8

Order Code	Model No.	Output (kW)	Airflow Volume m³/hr	IP Rating	Dimensions (mm) H	W	D	Finish	Price - Each 1 off
1051050520	NLAHD1.8	1.8	181	IPX1	263	245	245	White Metal	£198.00

1.5kW Hand Dryers

- Automatic operation - reduces risk of spreading germs.
- Class 1 Electrical Safety.
- Dry time 30 seconds (approx).
- ABS (polycarbonite) case - NLBHAA.
- Aluminium case - NLBHAM.

1 YR


NLBHAA

Order Code	Model No.	Output (kW)	Airflow Volume m³/hr	IP Rating	Dimensions (mm) H	W	D	Finish	Price - Each 1 off
1050325782	NLBHAA	1.5	110	IP21	275	225	160	White (ABS)	£156.72
1050325783	NLBHAM	1.5	100	IP21	275	225	160	White (Alu)	£197.35

Installed Electric Heating

Electricity as the main heating source for a home has many advantages over other forms of heating and is set to increase in popularity over the coming years. This is because electric heating:

- Is easy to install whether in a new build property or as a refurb - no pipework to consider.
- Becoming increasingly energy efficient.
- Easily added to as a system - perfect for extensions, conservatories etc.
- Requires little to no ongoing maintenance.
- Controllability - can be controlled on a room by room basis or as a whole house system. No other system can achieve this level of control.
- Is 100% efficient at the point of use.
- Extremely safe as does not burn fossil fuels - no potential CO risks or requirements for flues.

Storage Heaters

Uses off peak electricity to store heat which is slowly released over the course of the day - efficient when a constant heat is required over long periods in a day.

Energy Efficient Storage Heaters

Highly sensitive thermostat accurrate to +/-0.1°C combined with a smart charge control module means these storage heaters can offer energy savings of over 30% compared to traditional manual models*



See Page 251

Combi Storage Heaters

A charge regulator automatically adjusts the amount of energy stored backed up by a built in convector heater that can provide completely silent top up heating.



See Page 252

Automatic Storage Heaters

A charge regulator automatically adjusts the amount of energy stored leading to significant savings over standard manual storage heaters.



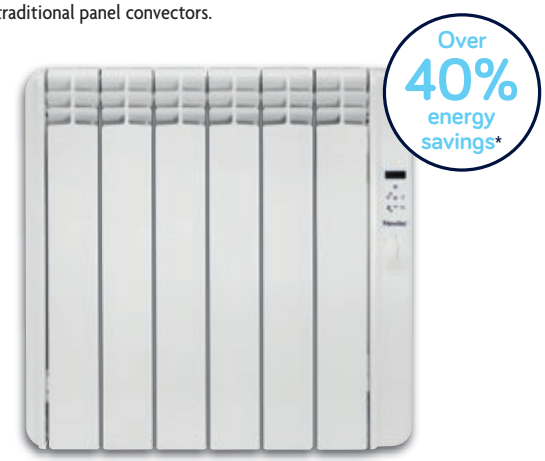
See Page 252

Electric Radiators and Panel Heaters

Wall mounted heaters ideal for rooms that require heating for shorter periods of time during the day - particularly suited in rooms such as bedrooms, bathrooms, kitchens, conservatories and other rooms where constant heat is not required.

Electric Radiators

An incredibly efficient thermostat accurate to within +/-0.1°C combines with an energy optimiser which manages the flow of electricity to the radiator meaning that electric radiators can offer energy savings of over 40% when compared to traditional panel convectors.



See Page 253

Panel Convector Heaters

With a fast heat up time and powerful convection, panel heaters are ideal where heat is required quickly in short bursts.



See Page 254

*All energy savings are based on an assumption of £0.14 per kWh peak and £0.06 per kWh off peak electricity rates

Newlec energy efficient storage heaters have been designed to be the most economical electric storage heating solution. They reduce energy consumption by over 30% when compared to standard manual storage heaters.

- Direct replacement for standard storage heaters - simply replace existing heater with a Newlec energy efficient storage heater.
- Once installed simply set to automatic mode, set your required temperature and enjoy savings of over 30% compared to equivalent manual storage heaters.

Easy Programming

1.



1. Press the "mod" button to select the mode.

2.



2. Use the "+" and "-" keys to select the desired temperature.

Over **30%** energy saving* when in auto mode



- Precision Thermostat - accurate to +/-0.1°C which leads to increased energy savings.
- Integrated convector heater for back-up heat if required.
- Five operating modes - suits any application and lifestyle.
- Built in daily programmer - allows user to minimise wasted heat when room is not in use.
- Electronic Smart Charge Control module.
  - Monitors the room temperature and the energy consumption of the heater.
  - Automatically adjusts the charging and consumption during the off peak period.
  - Only stores required energy.

Guide to Electric Heating Costs - Storage Heaters

A test comparing energy efficient storage heaters with manual storage heaters was undertaken under the following conditions assuming informed user intervention on the manual heater every three to four weeks - no user intervention in energy efficient storage heaters required.

	kWh Used	Cost @ £0.06
Energy Efficient Storage Heater 1.3kW (NLEESH2)	76387	£45.84
1.7kW Manual Storage	121088	£72.65

Approx savings vs manual storage heaters
37%

Approx savings vs automatic storage heaters*
26%

Test Conditions
Room size - 3.5M x 3M, 2.4M (height).
Temperature - 07.00 - 23.00 21°C.
23.00 - 07.00 18°C.
Time period - 6 months
(September to February inclusive).

*An automatic or combination storage heater would be expected to save c.15% over a standard manual storage heater. This would still result in the energy efficient storage heater offering approximately 26% energy savings (c.£61.75 running cost).

Energy Efficient Storage Heaters

5 YR

Order Code	Model No.	Input Rating (kW)	Convector Max Output Rating (kW)	Storage Charge Acceptance - 7Hr Continuous (kW)	No of Bricks	Weight Inc Bricks (kg)	Dimensions (mm) H	W	D	Price - Each 1 off
1051058538	NLEESH1	0.98	0.45	6.8	4	59	730	550	180	£452.55
1051058539	NLEESH2	1.3	0.6	9.1	8	77	730	660	180	£553.97
1051058540	NLEESH3	1.95	0.9	13.6	12	112	730	890	180	£713.15
1051058541	NLEESH4	2.6	1.2	18.2	16	147	730	1110	180	£840.40

For energy efficient storage heater sizing charts see page 312-313

* All energy savings are based on an assumption of £0.14 per kWh peak and £0.06 per kWh off peak electricity rates.

Storage Heaters

Storage heaters are specifically designed to operate using cheaper off-peak electricity to store heat. When the off-peak period finishes the heat is gradually released into the room over the course of the day. All Newlec storage heaters have the following benefits:

Room temperature boost control increases heat output when required



NL10658

- Willow white colour.
- Drip proof (IPX2 rated).
- Automatic charge regulator - automatically adjusts the level of input charge to compensate for changing weather conditions without user intervention.
- Manual reset thermal cut-out.
- Compatible with all off-peak tariffs.

BEAB Approved

Two types of storage heaters are available, each with their own benefits:

Automatic Storage Heaters

- Thermostats have an automatic charge regulator. This measures the temperature in the room and automatically adjusts the charge regulator accordingly. This can lead to significant running cost savings over manual storage heaters.

Combination Storage Heaters

All the benefits of an automatic storage heater plus the added advantage of having a built in convector heater - essentially offering two heaters in one compact space. Benefits of this include:

- Convector supplies completely silent top up heating.
- Convector thermostat can be set to maintain constant room temperatures and automatically switch on as necessary.
- Can provide top up heat even if no heat has been stored overnight - particularly useful in summer months if there is a sudden cold spell.

Automatic Storage Heaters

CE 2 YR

Order Code	Model No.	Input Rating (kW)	Storage Charge Acceptance - 7Hr Continuous (kW)	No. of Elements	No. of Bricks	Weight Inc Bricks (kg)	Dimensions (mm) H	W	D	Price - Each 1 off
1051061831	NLASH0.8	0.85	6	1	4	41	700	332	170	£283.11
1051011765	NL10579	1.7	12	2	8	77	700	560	170	£376.74
1051011766	NL10580	2.55	18	3	12	110	700	788	170	£477.55
1051011767	NL10581	3.4	24	4	16	145	700	1016	170	£578.15

Combination Storage Heaters

CE 1 YR

Order Code	Model No.	Input Rating (kW)	Convector Max Output Rating (kW)	Storage Charge Acceptance - 7Hr Continuous (kW)	No. of Elements	No. of Bricks	Weight Inc Bricks (kg)	Dimensions (mm) H	W	D	Price - Each 1 off
1050371283	NL10657	1.7	1	12	2	8	77	700	560	204	£543.35
1050371284	NL10658	2.55	1.5	18	3	12	111	700	788	204	£694.94
1050371285	NL10659	3.4	2	24	4	16	146	700	1016	204	£852.11

Electric radiators are a real innovation in cost effective electric heating. They provide central heating that can be controlled room by room, hour by hour to perfectly suit the users requirements.

- Direct replacement for both panel convector and storage heaters.
- Electronic energy optimiser - restricts flow of electricity to the radiator meaning on average a 1.5kW heater uses only 0.63kW of electricity to maintain constant room temperature leading to increased energy savings.
- Three operating modes - Comfort, Economy and Frost protection.
- Quick-fix wall mounting brackets - save up to 50% on install time.
- Environmentally friendly fluid filled aluminium fins means that the heat is transferred quickly and evenly into the room via both radiation and convection.

Offers total control room by room with built-in daily/weekly programmer

Highly Accurate Thermostat

The more accurate the thermostat then the more efficient the heater. Newlec electric radiators and Energy Efficiency Storage Heaters are accurate to +/-0.1°C giving the following energy savings vs less accurate thermostats.

- Thermostat with +/-0.3°C uses up to 4.8% extra energy.
- Thermostat with +/-0.5°C uses up to 8% extra energy.
- Thermostat with +/-1.0°C uses up to 16% extra energy.



5 YR

Guide to Electric Heating Costs - Electric Radiators vs Panel Heaters

The following table is a guide to costs based on a required temperature of 21°C, ceiling height of 2.4mtrs and 'U' values, ext.walls 1.5, floors 0.75, roof insulation 0.31 and glazed areas 2.9. The exact heater required would depend on the room size that needed to be heated. For a more accurate guide we would require more information, including actual "U" values. Please contact us to help you select and size your radiators accurately.

All costs are based on an assumption of £0.14 per Kwh peak and £0.06 per Kwh off peak electricity rates.
For more detailed sizing guides for all our heaters please see pages 312-313.

Typical energy savings 40%

Heater Model	Heater Type	Rating (Kilowatts)	Approximate Running Costs per Hour	Heater Model	Heater Type	Rating (Kilowatts)	Approximate Running Costs per Hour
NLHRADD500	Electric Radiator	0.5	£0.03				
NLHRADD750	Electric Radiator	0.75	£0.04	NLPH750	Panel Heater	0.75	£0.07
NLHRADD1000	Electric Radiator	1	£0.06				
NLHRADD1250	Electric Radiator	1.25	£0.07	NLPH1250	Panel Heater	1.25	£0.12
NLHRADD1500	Electric Radiator	1.5	£0.09	NLPH1500	Panel Heater	1.5	£0.15
NLHRADD2000	Electric Radiator	2	£0.12	NLPH2000	Panel Heater	2	£0.20
				NLPH3000	Panel Heater	3	£0.29

Order Code	Model No.	Output (kW)	Controls	No of Elements	Weight (kg)	Dimensions (mm) H	W	D	Price - Each 1 off
1051058532	NLHRADD500	0.5	Digital	4	8	580	415	100	£277.50
1051058533	NLHRADD750	0.75	Digital	6	11	580	575	100	£346.86
1051058534	NLHRADD1000	1	Digital	8	13.5	580	735	100	£393.12
1051058535	NLHRADD1250	1.25	Digital	10	16	580	895	100	£462.48
1051058536	NLHRADD1500	1.5	Digital	12	19	580	1055	100	£508.74
1051058537	NLHRADD2000	2	Digital	14	22	580	1215	100	£578.12

For electric radiator sizing charts see page 312

Panel Heaters

The slimline range of Newlec panel heaters are ideal for rooms that require rapid heat for short periods of time during the day e.g. bedrooms, bathrooms and conservatories.

IP X4 rated for use in bathrooms and other wet areas





- Willow white to match Newlec storage heaters.
- Temperature settings from 35°C down to a frost protection setting (5°C).
- Thermostat accurate to +/-1.5°C.
- Detachable hinged wall mounting frame for fast installation and easy cleaning.
- Available in thermostatic or 24hr timer variants.

24 Hour Timer Thermostatic Panel Heaters

- 24 hour programmable timer.
- Timer can be set to switch on and off as often as required throughout the day (in 20 minute intervals).
- Override switch enables the timer to be by-passed without altering the pre-set programme.

Thermostatic Panel Heaters



NLPH750

- Highly accurate adjustable thermostat.
- Suitable for domestic or commercial use.

CE 2 YR

Order Code	Model No.	Loading (kW)	Weight (kg)	Dimensions (mm) H	W	D	Price - Each 1 off
1050335059	NLPH750	0.75	6.2	430	620	108	£102.51
1050335060	NLPH1250	1.25	6.6	430	690	108	£113.63
1050335061	NLPH1500	1.5	6.6	430	690	108	£124.58
1050335062	NLPH2000	2	8	430	860	108	£130.43
1050363032	NLPH3000	3	10	430	860	143	£174.15

24 Hour Timer Thermostatic Panel Heaters



NLPH750T

- 24 hour programmable timer.
- Timer can be set to switch on and off as often as required throughout the day (in 20 minute intervals).
- Override switch enables the timer to be by-passed without altering the pre-set programme.

CE 2 YR

Order Code	Model No.	Loading (kW)	Weight (kg)	Dimensions (mm) H	W	D	Price - Each 1 off
1050335063	NLPH750T	0.75	6.2	430	620	108	£130.58
1050335064	NLPH1250T	1.25	6.6	430	690	108	£143.10
1050335065	NLPH1500T	1.5	6.6	430	690	108	£153.63
1050335066	NLPH2000T	2	8	430	860	108	£154.26
1050363033	NLPH3000T	3	10	430	860	143	£207.05

For panel heater sizing charts see page 313

Fan Heaters

Model No.	Dimensions (mm) H	W	D
NLFH2KW	150	265	260
NL202	112	215	192



NLFH2KW



NL202

CE 1 YR

Order Code	Model No.	Loading (kW)	Price - Each 1 off
1051039961	NLFH2KW	2	£17.97
1000009542	NL202	2	£27.61

- 2.0kW maximum output.
- 2 heat settings (1.0kW/2.0kW) and cool blow.
- Thermostat.
- Auto re-set thermal cut-out and safety fused units.

- Thermostatic control with frost protection.
- Choice of heat settings including cool blow.
- Mains on neon indicator.
- Manual reset cut-out and safety fused link.
- BEAB approved.

2kW Convector Heater

- 3 heat settings - 0.75kW, 1.25kW and 2kW.
- Silent operation.
- Thermostatic control.
- Safety thermal cut-out.
- BEAB approved.



NLCH2KW

Model No.	Dimensions (mm) H	W	D
NLCH2KW	370	530	110

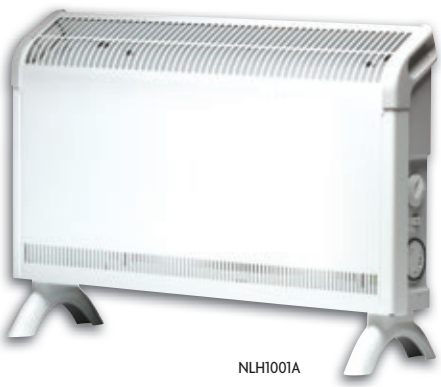
Order Code	Model No.	Loading (kW)	Price - Each 1 off
1051039978	NLCH2KW	2	£18.15

1 YR

Convector Heaters



NLH1000A



NLH1001A



NLH1002A

Standard

- White with grey trim.
- Thermostatic control and twin heat settings.
- Frost protection feature.
- Supplied with feet, wall brackets, cable and fitted plug.
- Overheat protection.

Timer Option

- As standard but with a 24 hour programmable timer.

Turbo Option

- As standard but with a turbo fan boost for extra heat when required.

CE 1 YR BEAB Approved

Model No.	Dimensions (mm) H	W	D
NLH1000A	420	575	200
NLH1001A	420	575	200
NLH1002A	420	575	200
NLH1003A	420	695	200

Dimensions including feet

Order Code	Model No.	Loading (kW)	Thermostat & Heat Selection	Timer	Turbo	Weight (kg)	Price - Each 1 off
1051091528	NLH1000A	2	✔	✘	✘	3.6	£41.82
1051091529	NLH1001A	2	✔	✔	✘	3.7	£79.47
1051091530	NLH1002A	2	✔	✘	✔	3.9	£73.27
1051091531	NLH1003A	3	✔	✘	✘	4.2	£56.60

Oil Filled Column



NLOFCR

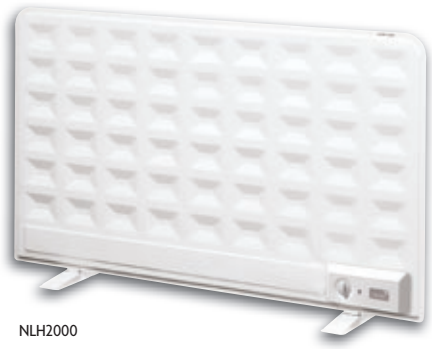
- White/light grey colour.
- Thermostatically controlled.
- Frost protection.
- Auto reset safety cut-out.

CE 1 YR BEAB Approved

Model No.	Dimensions (mm) H	W	D
NLOFCR	650	405	160

Order Code	Model No.	Loading (kW)	Heat Settings	Weight (kg)	Price - Each 1 off
1050151441	NLOFCR	1.5	2	10	£71.59

Oil Filled Radiator



NLH2000

- Willow white colour.
- Thermostatic control.
- Ideal for background or full heating.
- Free standing or wall mounted.
- Electrical reset safety cut-out.

CE 1 YR BEAB Approved

Model No.	Dimensions (mm) H	W	D
NLH2000	648	1084	230

Dimensions including feet

Order Code	Model No.	Loading (kW)	Heat Settings	Weight (kg)	Price - Each 1 off
1052025187	NLH2000	1.5	Variable	17.8	£203.80

Bathroom Heater



NLBDHN

- Pullcord.
- 2kW maximum output.
- 1kW output selectable on installation.
- Energy saving thermostat – switches to 1kW setting when room is warm (functions on 2kW setting only).
- Visual ON/OFF indicator.
- Designed for high level mounting.
- IPX2 rated.

1 YR

Model No.	Dimensions (mm) H	W	D
NLBDHN	242	229	109

Order Code	Model No.	IP Rating	Price - Each 1 off
1050184587	NLBDHN	IPX2	£48.93

Plinth Heater

- Supplied with three fascias - brown, white and stainless steel.
- Pressed steel construction.
- Three output settings - 800W, 1600W and 2400W.
- Thermostatically controlled with thermal cut-out.
- Pre-wired with 1.5M mains lead.

1 YR



NLPH24KW

Model No.	Dimensions (mm) H	W	D
NLPH24KW	125	480	200

Order Code	Model No.	Loading (kW)	Heat Settings	Price - Each 1 off
1050390629	NLPH24KW	2.4	3	£91.18

Overdoor Heater

- 3kW heat output.
- 1.5kW half heat setting.
- Cool blow function.
- Durable steel case.
- Wall or ceiling installation.
- Bracket included.

1 YR



NL3ACN

Model No.	Dimensions (mm) H	L	D
NL3ACN	201	557	100

Order Code	Model No.	Element Type	Supply Voltage (V)	Thermal Cut-Out	Airflow (m/s)	Noise Level dB(A) @ 1M	Price - Each 1 off
1051011600	NL3ACN	Wire Strung	230 - 240	Manual Reset	6.2	50.5 (Full Load)	£191.26

Commercial Fan Heater

Powerful commercial wall mounted heater with air circulation facility for summer use.

- 3kW power.
- Polycarbonate cased body.
- Nichrome wire heating elements.
- Multi directional wall bracket.
- Frost protection setting.

1 YR



NL10

Model No.	Dimensions (mm) H	L	D
NL10	370	267	370*

*On full tilt

Order Code	Model No.	Output (kW)	Airflow (l/s)	Price - Each 1 off
1000008148	NL10	3	83	£187.18

500W Frost Protection Fan Heater



NLH5MPH

Compact durable heater for use in a wide range of applications providing low level localised heat frost protection.

- 500W output.
- Thermostat.
- Frost protection.
- Mains neon indicator.
- Overheat protection.
- Free standing or wall mounted (can be used either horizontally or vertically when floor mounted).

CE 1 YR BEAB Approved

Model No.	Dimensions (mm) H	L	D
NL5MPH	330	255	150

Order Code	Model No.	Elements Type	Wattage (W)	Price - Each 1 off
1050152359	NL5MPH	Mineral Filled	500	£85.40

Thermostatic Tubular Heaters and Guards



NLTTH1 NLTTH2 NLTTH4 NLTTH6

- A new range of energy efficient tubular heaters to provide ambient and frost protection heating for numerous applications including airing cupboards, greenhouses, shop windows, conservatories, garages and shed.
- Provides low-cost heating with a built-in thermostat that keeps energy usage to a minimum.
- Discreet mounting brackets included - suitable for walls or floors.
- Reversible left or right hand cable entry.
- IPX4 rated.
- Available in six sizes - from 1' to 6' to suit any application.

1 YR

Order Code	Model No.	Size (feet)	Output (W)	Dimensions (mm) H	W	D	Price - Each 1 off
1051058518	NLTTH1	1	40	81	408	80	£16.06
1051058519	NLTTH2	2	80	81	713	80	£27.74
1051058521	NLTTH4	4	160	81	1323	80	£37.65
1051058523	NLTTH6	6	240	81	1933	80	£52.17



NLWG21

Tubular Heater Guards

- Welded wire guards to protect heaters from damage caused by vandalism, interference or accidents.
- Available for 2', 4' and 6' heaters.
- Electro galvanised to BS 1706 ZN3.

Order Code	Model No.	Size (ft)	Finish	Dimensions (inches)	Price - Each 1 off
1050150546	NLWG19	2	Galvanised	29 x 6 x 6	£58.07
1050150547	NLWG20	4	Galvanised	53 x 6 x 6	£89.23
1050150548	NLWG21	6	Galvanised	74 x 6 x 6	£116.58

The new range of Newlec electric towel rails come in a variety of stylish designs and a choice of heat outputs. Both white and chrome finishes are available with a variety of heat outputs matched to the size of the rail.

S-Shaped Electric Towel Rails

- IPX4 rated.
- Rapid heat up.
- Lightweight and easy to install.
- Robust mounting brackets included.

1 YR CE



Order Code	Model No.	Output (W)	Dimensions H x W (mm)	Design	Finish	Price - Each 1 off
1051039951	NLSWH80W	80	645 x 500	S-Shaped	White	£49.00
1051039952	NLSCH50W	50	645 x 500	S-Shaped	Chrome	£69.59

Ladder Style Electric Towel Rails

- Steel construction with high quality white and chrome finishes.
- IP55 rated.
- Wall fixings and comprehensive step by step fitting instructions included.
- Plug and vent included.
- Heating element included.

1 YR



NLFCH150W NLFWH250W NLCCH250W

Order Code	Model No.	Output (W)	Dimensions H x W (mm)	Design	Finish	Price - Each 1 off
1051039954	NLFWH250W	250	1100 x 500	Flat	White	£153.27
1051039953	NLFCH150W	150	700 x 400	Flat	Chrome	£164.75
1051039955	NLFCH250W	250	1100 x 500	Flat	Chrome	£211.47
1051039956	NLFCH400W	400	1500 x 500	Flat	Chrome	£297.22
1051039957	NLCCH250W	250	1100 x 500	Curved	Chrome	£216.84

Electric Towel Rail Controllers

- IPX4 rated.
- White or chrome finish.
- Five power settings.
- Eco timer function.

2 YR



NLWHCON NLCHCON

Order Code	Model No.	Finish	Price - Each 1 off
1051039959	NLWHCON	White	£72.68
1051039960	NLCHCON	Chrome	£98.93

Electronic Room Thermostat



NLBRT1

- Easily adjustable dial with clearly marked scale.
- 5˚C to 30˚C temperature range.
- Surface mount with wall plate included.
- Temperature swing adjustable (using jumper) between 1˚C and 0.5˚C.
- 3 Wire connection (double insulated).

3 YR

Order Code	Model No.	Description	Load Rating*	Price - Each 1 off
1050378520	NLBRT1	Electronic Room Thermostat	6A (2A)	£22.18

*Resistive load rating - inductive load rating in brackets.

7 Day Programmable Room Thermostat



NL1CHDPT1

- 7 day time and temperature programming with digital accuracy.
- 10˚C to 30˚C temperature range adjustable in 0.5˚C steps.
- 6 different time/temperature periods.
- Automatic summer/winter changeover with frost protection.
- Easy +/- illuminated push button setting.

3 YR

Order Code	Model No.	Description	Load Rating*	Price - Each 1 off
1050378522	NL1CHDPT1	7 Day Programmable Room Thermostat	3A (1A)	£56.95

*Resistive load rating - inductive load rating in brackets.

7 Day Digital Central Heating and Hot Water Programmers



NL7DDPT1



NL2CHDPT1

- Single channel 7 day programming for use with room thermostats.
- 1 - 9 hour boost facility for instant control.
- 3 different time/temperature periods (5 day plus 2 or 7 day programming).
- Automatic summer/winter changeover and holiday mode setting.
- Factory fitted battery for memory back-up - remembers settings even after a power cut.

3 YR

All the benefits of NL7DDPT1 PLUS

- Two channel digital heating programmer - allows independent control of central heating and hot water.
- Suitable for pump and gravity fed systems.
- Heat/hot water symbol displays on call for heat/water.

3 YR

Order Code	Model No.	Description	Load Rating @ 230V*	Price - Each 1 off
1050378521	NL7DDPT1	7 Day Programmable Room Thermostat	3A (1A)	£53.18
1050378523	NL2CHDPT1	2 Channel 7 Day Digital Programmer	3A (1A)	£56.95

*Resistive load rating - inductive load rating in brackets.

Economy 7 Timeswitches



NLTRT7DM



NLTRT7DD

- Designed for use with Economy 7 off peak rate overnight electricity plans.
- 24hr segment time setting dial with 15 minute switching intervals for customised programming.
- Completely interchangeable with previous Newlec models as well as Horstmann and Sangamo Economy 7 units.
- Fits and supplied with a standard size Economy 7 wall box with industry standard plug-in connections.
- 4 Boost demand options – 15, 30 minutes, 1 and 2 hours.

All the benefits of NLTRT7DM PLUS

- Digital accuracy improves system efficiency and reduces running costs.
- Accommodates up to 3 off-peak hot water or heating periods every 24 hours.
- Pre-selected timing options - manually adjustable to allow customised programming.
- Easy view 12 hour am/pm clock/timer display illuminates on setting.
- Simple push button setting and select modes with full screen information.

Order Code	Model No.	Description	Price - Each 1 off
1051024051	NLTRT7DM	Economy 7 Analogue Timeswitch	£106.92
1051024052	NLTRT7DD	Economy 7 Digital Timeswitch	£106.92

3 YR

24 Hour Immersion Heater Time Controller

- Specially designed for installation with both new and existing immersion heater systems.
- Up to 24 ON & OFF programmes (additional pins required).
- Bottom or rear entry for cable.

3 YR



NL24HRIHTS1

Order Code	Model No.	Description	Load Rating*	Price - Each 1 off
1050378529	NL24HRIHTS1	24 Hour Segment Immersion Heater Controller	13A (5A)	£30.23

* Resistive load rating - Inductive load rating in brackets

24 Hour Immersion Heater Timeswitches

- 96 quick-set segments for up to 48 ON/48 OFF programmes.
- Red LED 'Mains ON' and green LED 'Output' indicators for easy viewing.
- Special 'Traffic Light' slider switch for easy ON (green), Auto (green & red) and OFF (red) mode indication.
- NL24HRIHTS fits a standard flush or surface mount box min. 32mm deep.
- NL24HRTS is slimline and switches up to 750W incandescent or halogen lighting/750W fluorescent lighting/100W compact fluorescent lighting (not suitable for discharge lighting).

3 YR



NL24HRIHTS



NL24HRTS

Order Code	Model No.	Description	Load Rating*	Price - Each 1 off
1051040108	NL24HRIHTS	24 Hour Compact Immersion Heater Timeswitch	16A (6A)	£38.46
1051040110	NL24HRTS	24 Hour Slimline General Purpose Timeswitch	16A (6A)	£41.66

* Resistive load rating - Inductive load rating in brackets

7 Day Electronic Immersion Heater Timeswitch



NL24HR7DELTS



NL24HR7DIHTS

- 4 ON/4 OFF easy-set programme periods per day, 28 ON/28 OFF programmes per week.
- Extra large 'Easy View' screen with blue LED backlighting.
- Optional 1 and 2 hour boost button..
- Automatic Summer/Winter changeover
- NL24HR7DIHTS fits a standard flush or surface mount box min. 32mm deep.

3 YR

Order Code	Model No.	Description	Load Rating*	Price - Each 1 off
1051040109	NL24HR7DIHTS	7 Day Electronic Compact Immersion Heater Timeswitch	16(4)A	£60.83
1051040111	NL24HR7DELTS	7 Day Electronic Slimline General Purpose Timeswitch	16(4)A	£67.21

* Resistive load rating - Inductive load rating in brackets

2 Hour General Purpose Boost Timer



NL2HRBT1

- Boost timer for immersion heaters, room heaters, towel rails etc.
- Automatically switches off at end of set time period.
- ON time can be increased in four step - 15, 30, 60 or 120 minutes.

3 YR

Order Code	Model No.	Description	Load Rating*	Price - Each 1 off
1050378519	NL2HRBT1	2 Hour Boost Timer	13A (3kW)	£36.52

Fused Spur Timeswitches



NLFST1



NLFST2

- Easy view 24 hour digital clock/timer display.
- Optional 1 or 2 hour boost facility.
- Integral memory backup battery retains programmes in event of power failure.
- Suitable for use with up to 3kW immersion heaters.
- Switches the following lighting loads: 750W incandescent or halogen lighting, 500W fluorescent lighting, 100W compact fluorescent lighting (CFL's) and 200W LED lighting. Not suitable for discharge lighting.

3 YR

Order Code	Model No.	Description	Price - Each 1 off
1051058516	NLFST1	24 Hour Fused Spur Timeswitch	£70.61
1051058517	NLFST2	7 Day Fused Spur Timeswitch	£77.32

Plug-In Time Controllers



NL24HRST1



NL24HR7DDTS1

- Plug-in controllers to switch appliances on/off at preset times.
- Compact design.
- Suitable for 13A (3kW) appliances, filament lamps up to 400W and 100W low energy/fluorescent lighting.
- Up to 24 on/off programmes per day (NL24HRST1).
- Up to 20 on/off programmes selectable over individual days.

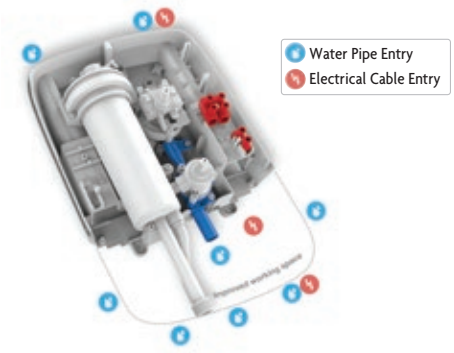
3 YR

Order Code	Model No.	Price - Each 1 off
1050378517	NL24HRST1	£11.66
1050378518	NL24HR7DDTS1	£16.06

Easy Fit Electric Shower

- 8 water connection options - allowing for pipe entry from top, bottom, side or rear of the shower.
- 3 cable entry options - allowing for cable entry from top, bottom or rear from the right hand side of the shower.
- Full accessory kit including easy rub-clean single mode shower head and soap dish.
- Large footprint covers most other electric showers - less likelihood of having to alter existing tiling or decoration.
- Improved working space in the shower makes installation less fiddly and time consuming.

2 YR | BEAB Approved | IPX4 | Energy Efficiency Class - A





NLSHOWER1

Order Code	Model No.	Output (kW)	Power Settings	Recommended Cable Size	Recommended Fuse Rating	Dimensions (mm)	Price - Each 1 off
1051091527	NLSHOWER1	8.5	3	6-10mm²	40 Amps	335 x 225 x 89.5	£64.13

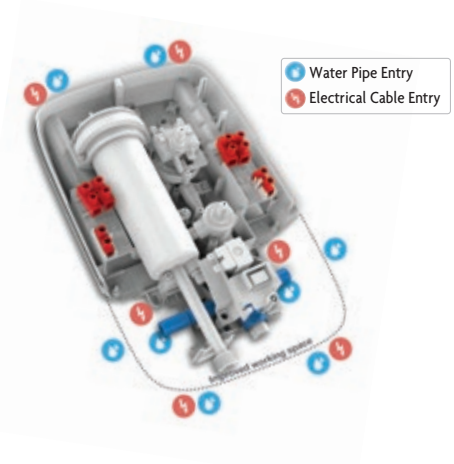
Upgrade from a 7.2kW shower to an 8.5kW. The kW rating affects the water flow of a shower with an 8.5kW rated shower having up to 18% more flow than a 7.2kW rated version. Please note that 8.5kW rated showers require 40 amp fuses and must be fitted in accordance with BS 7671 (IEE Wiring Regulations) and Part P of the Building Regulations.

Professional Easy Fit Electric Shower

All the benefits of the Newlec Easy Fit shower PLUS:

- Additional 3 cable entry options and dual terminal blocks - allowing for cable entry from top, bottom or rear of the shower from the left or right hand side.
- Chrome accessory kits with 6 mode shower head and adjustable fixing brackets meaning existing fixing points can be used when replacing an existing shower.
- Push button Start/Stop for "set and forget" operation.
- Removable, easy clean inlet filter for easy maintenance.

2 YR | BEAB Approved | IPX4 | Energy Efficiency Class - A





NLSHOWER2

Order Code	Model No.	Output (kW)	Power Settings	Recommended Cable Size	Recommended Fuse Rating	Dimensions (mm)	Price - Each 1 off
1051091526	NLSHOWER2	8.5	3	6-10mm²	40 Amps	335 x 225 x 89.5	£114.01

Upgrade from a 7.2kW shower to an 8.5kW. The kW rating affects the water flow of a shower with an 8.5kW rated shower having up to 18% more flow than a 7.2kW rated version. Please note that 8.5kW rated showers require 40 amp fuses and must be fitted in accordance with BS 7671 (IEE Wiring Regulations) and Part P of the Building Regulations.

Instantaneous Water Heaters

Why use them?

- Provides instant unlimited hot water to one or more sinks/basins - ideal for handwashing.

Benefits

- Easy to install - simply requires cold water feed and mains electricity.
- Energy efficient as no stored water needs to be heated - Energy Efficient Class A-rated.

Where to use them?

- Cloakrooms, kitchens and canteens where no suitable hot water store is available.

Manual Handwash



NLMHW3KW

- Energy efficient - located at point of use eliminating heat loss through long pipe runs and only heats water on demand.
- Stainless steel 200mm swivel spout for durability.
- Preset safety cut-out - prevents overheating.
- Temperature stabiliser - ensures temperature of water is maintained, preventing scalding.
- Pressure relief device - prevents high pressure build up should unit become blocked or frozen.

2 YR Energy Efficiency Class - A

Order Code	Model No.	Power Rating (kW)	Dimensions H x W x D (mm)	Price - Each 1 off
1051043912	NLMHW3KW	3	235 x 151 x 98	£70.38

Automatic Handwash



NLAHW3KW

All the benefits of manual handwash plus:-

- Easy to use "No Touch" on/off dial.
- Ideal for use in hospitals and GP surgeries - reduced risk of spreading germs from touching contaminated dials.
- Tamper-proof adjuster for temperature and flow control - ensuring a consistent temperature.

2 YR Energy Efficiency Class - A

Order Code	Model No.	Power Rating (kW)	Dimensions H x W x D (mm)	Price - Each 1 off
1051043913	NLAHW3KW	3	235 x 151 x 87	£147.06

Instantaneous Inline Handwash



NLIWH4.4



NLNCT

- Energy efficient - only heats water on demand so no standing heat loss.
- Bare wire heating technology gives fast heat up times.
- Small compact shape, ideal for undersink mounting.
- Intended for use with spray head taps (NLNCT).
- Temperature stabilised and electronic temperature control maintain water temperature to +/- 1°C.

Energy Efficiency Class - A

Order Code	Model No.	Power Rating (kW)	Dimensions (mm) H x L x D	Price - Each 1 off
1051058684	NLIWH4.4	4.4	140 x 190 x 80	£270.01
1051058685	NLNCT	-	-	£90.01

Why use them?	Benefits	Where to use them?
• Provides hot water to a single sink or basin - oversink and undersink models available. Undersink units require vented taps.	• Easy to install - simply requires cold water feed and mains electricity.	• Kitchen sinks in workplaces, offices, workshops, garages, industrial units and portable buildings.

Oversink Vented Water Heater

- Complete with tap and spout.
- No need for expansion vessel, pressure relief or pressure reducing valve - easy to install.
- Safety resettable thermal cut out - simply switch off to reset.
- White corrosion proof case for durability.
- 1m pre-wired cable - saving time on installation.

1 YR CE Energy Efficiency Class - A



NLVOS5L

Order Code	Model No.	Power Rating (kW)	Capacity (Litres)	Dimensions H x W x D (mm)	Price - Each 1 off
1051043904	NLVOS5L	2	5	400 x 270 x 180	£132.45

Undersink Vented Water Heater

All the benefits of an oversink vented water heater plus:-

- Comes complete with vented mixer tap - no need to purchase any additional accessories.
- Unit is hidden under the sink with only the mixer tap visible on the work surface.
- Vented mixer tap is supplied with three flexible hoses for ease of installation.

1 YR CE Energy Efficiency Class - A



NLVUS5L

Order Code	Model No.	Power Rating (kW)	Capacity (Litres)	Dimensions H x W x D (mm)	Price - Each 1 off
1051043905	NLVUS5L	2	5	400 x 270 x 180	£206.02

Accessory

- For use with NLVUS5L undersink vented water heater (shown above).

Order Code	Model No.	Description	Dimensions H x W (mm)	Price - Each 1 off
1051043906	NLVMT	Vented Mixer Tap	230 x 170	£76.34

Unvented Water Heaters

Why use them?

- Provides hot water to single or multiple outlets. Fed directly from the cold water mains supply and operates at the same water pressure.

Benefits

- Provides high flow rates and balanced hot/cold water supplies
- Can be used with standard taps.

Where to use them?

- Cloakrooms with multiple wash basins, kitchens in offices, shops and commercial premises and student accommodation.

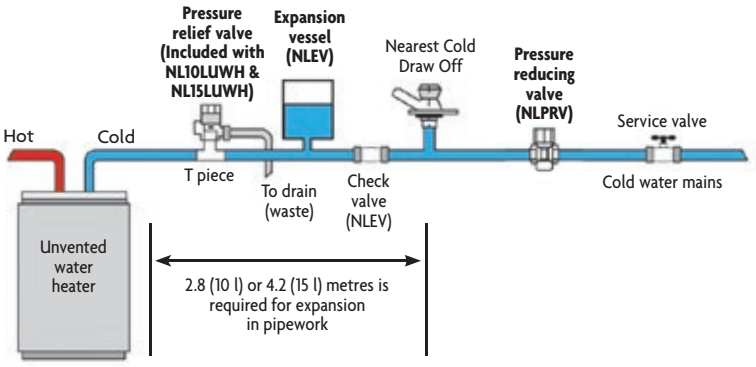


NL10LUWH

- External temperature control and neon element on indicator.
- IPX4 rated - protected against water splashing from any direction.
- Safety manually resettable thermal cut out.
- Pressure relief valve supplied - additional safety feature that must be fitted to prevent failure should pressure build up in the unit without being released.
- Pre-wired 1.5M cable - saving time on installation.

1 YR | WRAS | CE | Energy Efficiency Class - B

Order Code	Model No.	Description	Power Rating (kW)	Capacity (Litres)	Dimensions H x W x D (mm)	Weight Empty (kg)	Weight Full (kg)	Heat Up (mins)	Price - Each 1 off
1051043907	NL10LUWH	2kW 10L Unvented Water Heater	2	10	410 x 310 x 280	6.8	16.8	23	£204.28
1051043908	NL15LUWH	2kW 15L Unvented Check Valve for Unvented	2	15	530 x 310 x 280	8.3	23.3	35	£223.66
1051043909	NLEV	Expansion Vessel and Check Valve for Unvented	-	-	-	-	-	-	£62.84
1051043910	NLPRV	Pressure Reducing Valve for Unvented Heater	-	-	-	-	-	-	£46.95



Additional accessories may be needed to comply with the Water Regulations.

- Pressure Reducing Valve (NLPRV) - Required if water pressure is above 4.2 bar.
- 2 litre expansion vessel and check valve (NLEV) - Should be installed if the length of pipework is too short to accommodate the expanded hot water without re-entering the cold water supply. 2.8M of pipework is required for a 10 litre heater and 4.2M pipework is required for a 15 litre heater.

Flat Back Cisterns



NLFBC25A

- 25 litre capacity.
- Thermostat adjustable between 18°C to 70°C with manually resettable over temperature cut-out for additional safety.
- Long life alloy sheathed 3kW element.
- Simple left or right hand water inlet and overflow connections for ease of installation.
- Sheet steel casing finished in white stoved enamel for added durability.

2 YR | BEAB Approved | Energy Efficiency Class - B

Order Code	Model No.	Power Rating (kW)	Capacity (Litres)	Dimensions H x W x D (mm)	Price - Each 1 off
1051043914	NLFBC25A	3	25	682 x 609 x 234	£634.07

Boiling Water Dispensers

Why use them?

- Boiling water dispensers store boiling water ready for instant use.

Benefits

- Saves time as no waiting for kettles to boil.
- Saves energy as you only use the water needed.
- Saves space - uncluttered worktops.

Where to use them?

- Ideal usage: Any commercial environment where there is a demand for boiling drinking water.

The Newlec range offers benefits including:

- Easy to install with easily accessible plumbing fittings.
- Removable steam condensation chamber for easy maintenance access.
- Electronic thermostat for greater control of water temperature up to boiling point.
- Dry start protection with a self-resetting thermal cut-out.
- Boil dry protection with a manually resettable cut-out.

2 YR BEAB Approved



NLBWD2.5A

Order Code	Model No.	Capacity (Litres)	Power Rating (kW)	Dimensions H x W x D (mm)	Price - Each 1 off
1051043915	NLBWD2.5A	2.5	2.5	445 x 290 x 190	£382.37
1051043916	NLBWD5	5	2.5	510 x 335 x 200	£650.34

Immersion Heaters

- All immersion heaters are fitted with RDT thermostats (Resettable Dual Thermostats) which offer a combined thermostat and resettable safety cut-out.
- Adjustable from 10°C to 60°C - factory preset at 60°C.
- Suitable for use in both hard and soft water conditions.

2 YR BEAB Approved



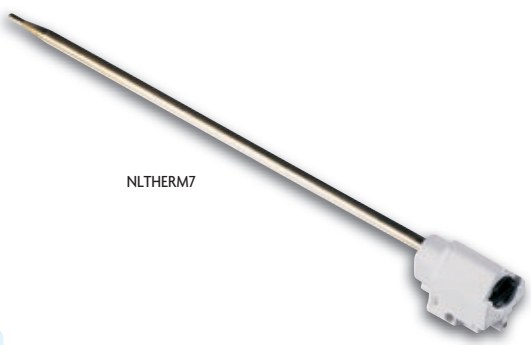
NLIIH11

Order Code	Model No.	Description	Power Rating (kW)	Price - Each 1 off
1051043918	NLIIH11	3kW 11" Incalloy Immersion Heater	3	£26.28
1051043920	NLIIH27	3kW 27" Incalloy Immersion Heater	3	£30.92

Thermostats

- RDT thermostats (Resettable Dual Thermostats) offer a combined thermostat and resettable safety cut-out.
- Provide a simple method of upgrading immersion heaters to meet latest BS standards (BS EN 60335-2-73) without draining the hot water cylinder.
- Thermostats adjustable from 10°C to 60°C - factory preset at 60°C.
- Manual reset feature.

2 YR BEAB Approved



NLTHERM7

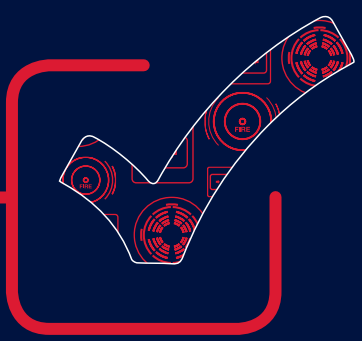
Order Code	Model No.	Description	Power Rating (kW)	Price - Each 1 off
1051043921	NLTHERM7	7" Dual Thermostat Resettable Cutout	3	£18.31
1051043922	NLTHERM18	18" Dual Thermostat Resettable Cutout	3	£21.26

ALL THE ASSISTANCE YOU NEED TO MEET DISABILITY REGULATIONS

The Newlec emergency assist kit complies with all relevant elements of Building Regulation Approved Document M and BS8300: 2009, covering the provision of disabled facilities and disabled access within a building.

- Quick and simple to install – limited cable requirements
- LED and buzzer provide visual and audible feedback
- High contrast printing for increased visibility





TICKS THE BOX EVERY TIME

Exclusive electrical products for professionals

Newlec®



Test Instruments

Certification Books	275
Electrical Testing Equipment	273
Power Detection	272, 273
Test Instrument Calibration	270 - 271
Test Leads	275

Calibration Service

This new service has been carefully designed to provide a quick and easy process for all your instrument calibration requirements.

- Contractors have a duty to ensure that the test equipment used to test to BS EN 61557 (17th Edition) and Part P is both accurate and consistent.
- For contractors, calibration forms an important part of their annual assessment and all governing bodies/schemes require both annual calibration with certificates via a certified laboratory.
- All measuring instruments should be calibrated to ensure that they operate to their optimum performance level.

The importance of calibrating with a reputable company

- The traceable calibration certificate we provide can be used to demonstrate the accuracy of the instrument should evidence ever be required.
- As a ISO 9001:2008 company, all certificates issued are traceable to national standards. Our own equipment is calibrated to UKAS standards.





Newlec calibration service

By partnering with one of the top Calibration Houses in the UK we have put together a quick and easy service with the following features;

- Fast turn-around on calibration, typically 3 working days.
- Instrument pick up within 24 hours if booked into branch before 12pm.
- Collections booked twice a day Monday - Friday.
- One stop shop; calibration and repair services.
- National service guaranteed.
- Calibration advice available through your local branch.
- Service that allows easy tracking and status updates through your branch.

Repairs

Not only do we provide the best calibration services nationally, we are also able to complete the majority of repairs when required;

- If a repair is required your branch will get in contact with yourself to discuss options.
- Our service centre is approved by some of the largest electrical test manufacturers in the UK including Megger, Seaward, Di-Log and Newlec.
- Only the highest quality manufacturer specified parts are used.

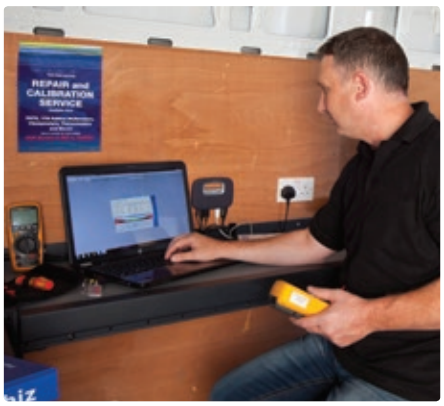


Mobile Calibration/On Site Calibration

For businesses that have a large quantity of equipment and want to minimise downtime while maintaining the security of keeping all equipment on their own site, the mobile calibration service offers an ideal solution.







NEW

A mobile calibration lab that will come to your site

- Fully equipped with ancillary equipment as well as all the same equipment at our service facility; allows for testing of nearly all makes and models of equipment on site.
- Access to the most up to date calibration software in the industry.
- Testing and certification of equipment there and then; equipment never leaves site minimising down time.
- No extra cost for this service, indication of number and type of equipment may be required.

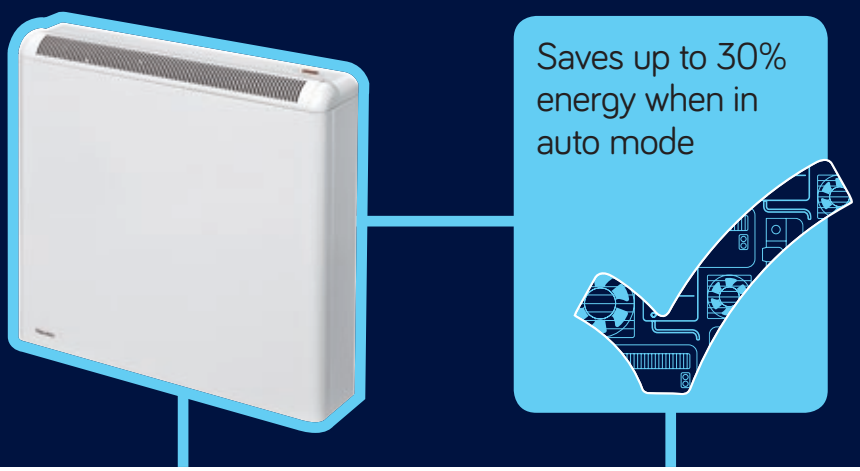
If you are interested in this service then please contact your local branch.

Calibration	Order Code	Model No.	Turnaround Working Days
Check Box	1051088472	NLCALCB	3-5 Days
Clamp Meter	1051088473	NLCALCM	3-5 Days
Digital Multimeter	1051088474	NLCALDM	3-5 Days
Digital Thermometer 1 Input	1051088475	NLCALDT1I	3-5 Days
Digital Thermometer 2 Input	1051088476	NLCALDT2I	3-5 Days
Earth Tester	1051088477	NLCALET	3-5 Days
Infra Red Thermometer	1051088478	NLCALIRT	3-5 Days
Insulator / Continuity Tester	1051088479	NLCALICT	3-5 Days
Light Meter	1051088480	NLCALLM	3-5 Days
Loop Impedence Tester	1051088481	NLCALLIT	3-5 Days
Microwave Monitor / Tester	1051088482	NLCALMMT	5-7 Days
Multi Function Tester	1051088483	NLCALMFT	3-5 Days
PAT Checker	1051088484	NLCALPATC	3-5 Days

Calibration	Order Code	Model No.	Turnaround Working Days
PAT Tester Advanced	1051088485	NLCALPATTA	3-5 Days
PAT Tester Basic	1051088486	NLCALPATTB	3-5 Days
Phase Rotation Meter	1051088487	NLCALPRM	3-5 Days
Proving Unit	1051088488	NLCALPU	3-5 Days
RCD Tester	1051088489	NLCALRCD	3-5 Days
Sound Level Calibrator	1051088490	NLCALSLC	3-5 Days
Sound Level Meter	1051088491	NLCALSLM	3-5 Days
Tachometer	1051088492	NLCALTACH	3-5 Days
Voltage /Continuity Tester	1051088493	NLCALVCT	3-5 Days
17th Edition Test Kit	1051088494	NLCAL17ETK	3-5 Days
Basic Torque Wrench	1051088495	NLCALTW	3-5 Days
Environmental Testers	1051088496	NLCALENVT	5-7 Days

ENERGY EFFICIENT STORAGE HEATERS

SEE PAGE 251



Digital 5-In-1 Multifunction Tester

This new multifunction tester has multiple features making it one of the best value units on the market.





Key Benefits

- Easy to use - straight forward interface.
- Best loop performance accuracy when benchmarked against other brands.
- No Bangs - continuous live monitoring means no bangs.
- IP54 even when the leads are not plugged in - a great help if you happen to be caught outside.
- Proven, accurate and reliable.

Key Features

- New anti trip technology loop for full no trip loop testing of RCDs of all types. Low susceptibility of RCD uplift and noise interference.
- Displays PFC/PSC at same time as loop reading.
- 250 / 500 / 1000V insulation test with auto discharge.
- Test leads auto-null for continuity mode.
- RCD auto test mode for 30mA RCDs.
- RCD ramp test function.
- Hands-free mode controlled by separate button.
- Single rotary dial for function selection.
- Auto ranging continuity measurement to 2000Ω.
- Protected against phase to phase connection.
- Instant correct wiring status check.
- Complies with BS7671 (Part P).

Includes

- 13A mains lead.
- 3 wire distribution board test lead.
- Batteries.
- Carrying strap.
- Carrying case.
- Instruction manual.
- End of line calibration certificate.

2 YR

Order Code	Model No.	Description	Dimensions LxWxD (mm)	Price - Each 1 off
1051088461	NLMFT1	5-In-1 Multifunction Tester	130x196x73	£776.29

SPECIFICATIONS

CONTINUITY

Open Circuit Voltage (DC)	Short Circuit Current	Ranges (Auto Range)	Accuracy
>4V, <10V	>200mA	9.99Ω, 99.9Ω, 1999Ω,	±3% ±2 digits

Test Lead Null 4Ω, Hazard warning LED >25V, Typical Test Time(2Ω) <2 sec

INSULATION

Open Circuit Voltage (DC)	Output Current	Ranges (Auto Range)	Accuracy
250V	1mA - 0 = + 20% @ 250kΩ	9.99MΩ, 99.9MΩ, 199MΩ	±3% ±2 digits
500V	1mA - 0 = + 20% @ 500kΩ	9.99MΩ, 99.9MΩ, 199MΩ, 499MΩ	±3% ±1 digits ±6% ±1 digits
1000V	1mA - 0 = + 20% @ 1MΩ	9.99MΩ, 99.9MΩ, 199MΩ, 399MΩ 999MΩ, 99.9MΩ	±3% ±1 digits ±3% ±1 digits ±6% ±1 digits

Short circuit current (in to 2kΩ) <2mA, Typical Test Time (10MΩ) <2 sec

LOOP IMPEDANCE

Range	Accuracy
ATT No trip 0.00 – 9.99 Ω	±5% ±5 digits
ATT No trip 10.00 – 99.9 Ω	±3% ±3 digits
ATT No trip 100 – 500 Ω	±3% ±3 digits
High Current 0.00 – 500 Ω	±3% ±3 digits

PSC/PFC

PSC accuracy is derived from measured loop impedance specification and measured voltage specification.

Voltage measurement:
+/- 3% 50/60Hz and 90 – 250V

RCD

Function	Accuracy	Rated Voltage	Time Tripping Accuracy	
X ½	–0% to –10%	195V – 253V AC 50Hz	Up to 1 second	±(1% + 1ms)
X 1	+0% to +10%	195V – 253V AC 50Hz	Above 1 second	±(1% +10ms)
X 5	+0% to +10%	195V – 253V AC 50Hz	Above 1 second	
Ramp Test	Increments in 3mA steps			
Auto test	30mA RCD	½ x 0°, ½ x 180°, 1 x 0°, 1 x 180°, 5 x 0°, 5x 180°		

Power Detectors & Adaptors

Indication of AC voltage



NLPDN

Complete with audible indicator



NLST3



NLSA1

NLPDN
- Detects microwave leakage and cable breaks.
- Phase detection in sockets.
- Supplied with batteries.
- 90-1,000 V AC Range.
- CAT III/600V Overvoltage category.

NLST3
- Clear visual indication or wiring status.
- LED Indication of wiring conditions.
- Clear and easy to understand status chart.
- Designed to EN61010 and IP30.

NLSA1
- Standard 4mm connectors to suit most types of Multifunction Testers.
- Test R2 and R1+R2 without removing leads.
- Safety compliance with IEC 1010 (CAT III 300V).

1 YR

Order Code	Model No.	Indication	Power Supply	Dimensions (mm) H x W x D	Price - Each 1 off
1050151601	NLPDN	LED & Buzzer	2 x 1.5V AAA Batteries	150 x 22 x 21	£18.94
1050362836	NLST3	LED & Buzzer	From Circuit Under Test	70 x 63 x 55	£16.35
1051088452	NLSA1	N/A	N/A	54 x 44 x 44	£22.97

Wall Scanner & Fuse Finder

NLFCF
- Locate fuses/MCBs and assignment to particular circuits.
- Trace cables in walls up to 40cm.
- Accurately sorts cables and finds cable breaks.
- Includes sensitivity adjustment to maximise the accuracy of both tracing and locating.



NLFCF

NLWS1
- Tracing live cables in walls up to 20mm depth.
- Also detects metal/wooden studs & metal pipes.
- Dynamic LCD and Audible Indication.
- Fully Automatic Operation.



NLWS1

High accuracy 3-in-1 wall scanner

1 YR

Order Code	Model No.	Voltage Range (V)	Power Supply	Overvoltage Category	Price - Each 1 off
1000008921	NLFCF	100 - 250	1 x 9V 6LR61 Battery	CAT III/300V	£81.38
1051088453	NLWS1	50 - 600	1 x 9V PP3 Battery	CAT II/600V	£75.84

Lamp Tester

A handy test instrument for swift fault finding in all gas filled low and high pressure discharge lamps, CFLs and fluorescent tubes. With fluorescent lamps the test is carried out without disassembling the lamp from the fitting allowing testing in-situ.

NLLT1
- Integrated single pole voltage detection.
- Measure category CAT II 250V.



NLLT1

Optical & acoustic display

1 YR

Order Code	Model No.	Voltage Detection	Power Supply	Dimensions (mm) H x W x D	Price - Each 1 off
1051088455	NLLT1	60 - 250V AC	1 x 9V 6LR61 Battery	189 x 70 x 50	£73.45

Voltage & Continuity Testers

Optical & acoustic indication



NLVCT2 NLVCT3

Voltage & continuity testers with phase rotation test system. They are housed in a rugged and ergonomically formed design allowing for perfect handling and maximum knock protection.

- Single pole phase indication.
- Fully compliant with GS38.
- Will not trip any RCD when testing across Live and Earth.
- Single pole detection when L2 probe connected above 100V.
- NLVCT3 as NLVCT2 except for additional digital indication of voltage.

1 YR

Order Code	Model No.	Type	AC Voltage Measurement Range	DC Voltage Measurement Range	Continuity	Operating Temperature	Power Supply	Price - Each 1 off
1050151511	NLVCT2	-	12V - 690V	12V - 690V	0 - 400KΩ	0° to 50°C	2 x AAA	£67.06
1050362837	NLVCT3	Digital	12V - 690V	12V - 690V	0 - 400KΩ	0° to 50°C	2 x AAA	£92.60

Multimeters

Users are referred to the HSE guidelines GS38 "Electrical test equipment for use by electricians". This provides guidance on the selection of suitable test probes, leads, voltage indicating devices and other measurement equipment used when working on, or investigating power circuits with a rated voltage not exceeding 650V.

AC/DC voltage measurement up to 600V



NLDMMBN

Full range protection



NLDMLCN

Compact and auto ranging



NLDMM1N

NLDMMBN
- 3½ digit, 2,000 count LCD display.
- Manufactured to IEC1010-1 CAT III 600V.

NLDMLCN
- 2,000 count, large LCD display.
- Supplied with temperature probe.
- Auto power off.
- Data hold.

NLDMM1N
- Compact & auto ranging.
- Max/min recording mode.
- Temperature reading in °C and °F.
- Capacitance measurement from 10pF.
- Continuity buzzer.
- Manufactured to CAT 111 600V.

1 YR

Order Code	Model No.	AC Voltage Measurement Range	DC Voltage Measurement Range	AC Current Measurement Range	DC Current Measurement Range	Resistance	Power Supply	Price - Each 1 off
1052043549	NLDMMBN	0.1mV - 600V	0.1mV - 600V	N/A	2000 µA - 10A	0.1 - 200KΩ	1 x 9V 6LR61 Battery	£57.49
1050343179	NLDMLCN	0.1mV - 700V	0.1mV - 1000V	1µA - 20A	1µA - 20A	0.1 - 20KΩ	1 x 9V	£95.36
1050343180	NLDMM1N	0.1mV - 750V	0.1mV - 1000V	1µA - 10A	1µA - 10A	0.1 - 60KΩ	1 x 9V PPS	£96.36

Clamp Meters

Electronic overload protection



NLDCM1N

These clamp meters offer many features in addition to AC/DC current testing. The slim design combined with the tear shaped jaw makes an ideal unit for use in crowded panels and tight spaces, along with the data hold and peak capture functions this makes these clamp meters versatile and cost effective. The inclusion of temperature and capacitance makes the NLCMACDC a particularly versatile clamp meter.

- 30mm jaw opening.
- 1,000 AC current reading with NLDCM1N.
- 1,000 AC/DC reading with the NLCMACDC.
- 2,000 count LCD display.
- Large backlit display for easy viewing.

1 YR

Order Code	Model No.	AC Voltage Measurement Range	DC Voltage Measurement Range	AC Current Measurement Range	DC Current Measurement Range	Resistance	Power Supply	Price - Each 1 off
1050343182	NLDCM1N	0.1mV - 600V	0.1mV - 600V	10mA - 1000A	N/A	0.1Ω - 40mΩ	1 x 9V PP3	£95.81
1051088454	NLCMACDC	0.1mV - 600V	0.1mV - 600V	10mA - 1000A	10mA - 1000A	0.1Ω - 40mΩ	1 x 9V PP3	£150.09

Test Leads

All of the Newlec test lead sets are universal, allowing use with all standard test equipment machines.

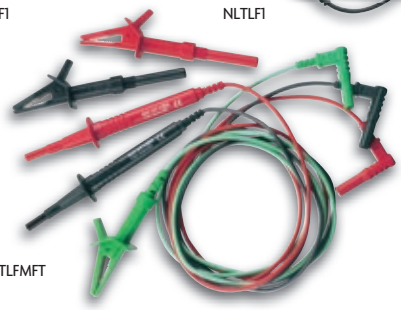
Users are referred to the HSE guidelines GS38. (Electrical test equipment for use by electricians). The HSE guidelines provide guidance on the selection of suitable test probes, leads, lamps voltage indicating devices and other measurement equipment used when working on or investigating power circuits with a rated voltage not exceeding 650V.


NLTLUF1


NLTLF1


NLTL3W1


NLTLBOUK


NLTLFMFT

1 YR

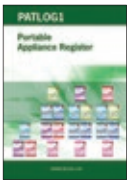
Order Code	Model No.	Description	Price - Each 1 off
1051088456	NLTLUF1	Un-Fused Test Lead Set	£28.75
1051088457	NLTLF1	Fused Test Leads Set	£51.06
1051088458	NLTL3W1	3-Wire Test Lead Set for MFT's	£62.11
1051088459	NLTLBOUK	Mains Lead for MFT's	£31.91
1051088460	NLTLFMFT	3 Wire Fused Lead Set For MFT's	£91.02

Certification Books

General


NLTBMW

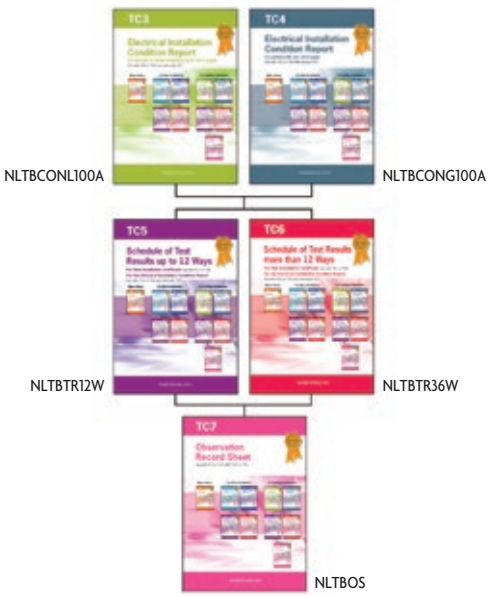

NLTBEL


NLTBPAT

New Installations


NLTBCRTL100A NLTBCRTG100A NLTBTR12W NLTBTR36W

Existing Installations


NLTBCONL100A NLTBCONG100A NLTBTR12W NLTBTR36W NLTBOS

The latest BS7671 Amendment 3 certification books are easy to fill out and come in logical sequences. New installations still only require two books, however existing installations have the option of a third book covering additional observation sheets. The test results books can be used for both new and existing installations. The range also includes books that cover PAT testing, the logging of routine testing and maintenance of emergency lighting.

Order Code	Model No.	Description	Installation Type	Price - Each 1 off
1051088462	NLTBCRTL100A	Electrical Installation Certificate (For New Installations Less Than 100A)	New	£12.50
1051088469	NLTBCRTG100A	Electrical Installation Certificate (For New Installations Greater Than 100A)	New	£12.50
1051088464	NLTBCONL100A	Electrical Installation Condition Report (For Existing Installations Less Than 100A)	Existing	£12.50
1051088465	NLTBCONG100A	Electrical Installation Condition Report (For Existing Installations Greater Than 100A)	Existing	£12.50
1051088468	NLTBOS	Observation Sheet	Existing	£12.50
1051088466	NLTBTR12W	Test Results up to 12 Ways	New & Existing	£12.50
1051088467	NLTBTR36W	Test Results up to 36 Ways	New & Existing	£12.50
1051088463	NLTBMW	Minor Works Certificate	Minor Works	£12.50
1051088470	NLTBEL	Emergency Lighting Log Book	Emergecny Lighting	£12.50
1051088471	NLTBPAT	PAT Testing Log Book	PAT Testing	£12.50

THE MOBILE CALIBRATION LAB THAT COMES **DIRECT TO YOU**

Our quick and easy calibration service is also available at WF Senate branches – your one-stop-shop for both repairs and calibration.

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0800 783 6909

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- All types of test equipment calibrated
- Keeping your test equipment where you need it – with you!





TICKS THE BOX EVERY TIME

Exclusive electrical products for professionals

Newlec®



Tools

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About VDE Approved Insulated Tools

Working on live equipment is subject to very special requirements. The focus is on absolute safety and **Newlec VDE** tools demonstrate this with a high level of certification. Since 1920, the VDE Testing and Certification Institute has been actively involved in ensuring the electrical safety of machines, components, appliances and tools. It is an independent institution, concerned only with consumer safety. Only products that have been tested to strict criteria in the VDE Institute's Offenbach-based laboratories can be issued with the VDE Certification Mark.

VDE approved tools carry the VDE certification mark. Beware of tools offered as VDE on the basis of compliance to the international IEC 60090:2012 standard. This does not carry the assurance of safety through independent product testing and production auditing.

For further details on VDE testing please refer to the Technical section on page 311.

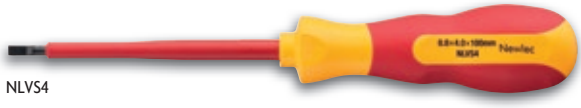
Screwdrivers

VDE Insulated

VDE Screwdrivers according to DIN IEC 60900 have been individually tested and meet the high safety requirements of these standards.

- Insulation moulded directly onto the blade.
- High quality chrome vanadium-molybdenum steel, through hardened black finish blade.
- Multi-component soft grip handle.
- Each screwdriver is individually tested according to DIN IEC 60900:2004.
- VDE approved for live line working up to 1,000V AC and 1,500V DC.

5 YR


NLVS4


NLVSPH2


NLVSPZ2

Order Code	Model No.	Tip Size (mm)	Blade Length (mm)	Price - Each 1 off
Slotted				
1000008750	NLVS2.5	2.5	75	£5.83
1000008751	NLVS4	4	100	£6.79
1000008752	NLVS5.5	5.5	125	£8.49
1000008753	NLVS6.5	6.5	150	£9.36
Phillips				
1061024560	NLVSPH1	PH1	80	£6.38
1061024561	NLVSPH2	PH2	100	£7.52
1061024562	NLVSPH3	PH3	150	£9.36
Pozidriv™				
1000008754	NLVSPZ1	PZ1	80	£7.29
1000008755	NLVSPZ2	PZ2	100	£8.26
1061024579	NLVSPZ3	PZ3	150	£10.38


NLVTPZ2


NLST3.5


NLSN140

Order Code	Model No.	Tip Size (mm)	Blade Length (mm)	Price - Each 1 off
Terminal Screwdrivers				
1051061640	NLVTPH1	PH1	80	£9.59
1051061639	NLVTPZ1	PZ1	80	£9.09
1061030002	NLVTPH2	PH2	100	£10.65
1061030004	NLVTPZ2	PZ2	100	£11.39
Slotted Terminal - Non VDE Insulated				
1050150717	NLST3.5	3.5	100	£6.97
Slotted Neon Mains Tester - VDE insulated Blade insulation made of transparent cellulose acetate.				
1000008756	NLSN140	3	60	£4.20

VDE Cutters and Pliers

- Manufactured from high quality tempered tool steel.
- Individually hardened in a high frequency induction hardening process.
- Cutter additionally induction hardened.
- Chrome plated heads.
- Resistant to temperatures from -20°C to +70°C.
- Multi-component soft grip handles.
- Handle specially marked in black with logo. VDE/IEC, GS (approved safety) and DIN symbols.
- Manufactured and tested according to IEC 60090:2012.
- VDE approved for live line working up to 1,000V AC and 1,500V DC.

Pliers - Combination

Order Code	Model No.	Size (mm)	Price - Each 1 off
1061023068	NLVCP180	180	£27.81
1000008759	NLVCP200	200	£29.73

- Long cutters for flat and round cables.
- For soft and hard wire.
- Cutter additionally induction hardened to approximately 62 HRC.
- High quality tool steel.
- DIN ISO 5746.

5 YR



NLVCP180

Pliers - Combination Heavy Duty

Order Code	Model No.	Size (mm)	Price - Each 1 off
1061023077	NLVHCP225	225	£38.40

- Pliers for gripping and holding.
- Long cutters for flat and round cables.
- Cutter additionally induction hardened to approximately 64 HRC.
- Durable C60 special tool steel.
- DIN ISO 5746.

5 YR



NLVHCP225

Cutter - Diagonal

Order Code	Model No.	Size (mm)	Price - Each 1 off
1000008757	NLVDC140	140	£26.76
1061023071	NLVDC160	160	£28.06

- Single joint.
- Fine precision cutters for soft and medium-hard wire.
- Cutter additionally induction hardened to approximately 62 HRC.
- High quality tool steel.
- DIN ISO 5749.

5 YR



NLVDC140

Cutter - Diagonal Heavy Duty



NLVHDC180

- Optimised power transmission.
- Cutter additionally induction hardened to approximately 64 HRC.
- Durable C60 special tool steel.
- DIN ISO 5749.

5 YR

Order Code	Model No.	Size (mm)	Price - Each 1 off
1061023072	NLVHDC180	180	£33.49
1000008758	NLVHDC200	200	£35.07

Cable Cutter



NLVCC200

- For copper and aluminium cables.
- Not for steel wire.
- Cutters additionally induction hardened to approximately 62 HRC.
- High quality tool steel.
- DIN ISO 5746.

5 YR

Order Code	Model No.	Size (mm)	Max Cable Size (mm^2)	Price - Each 1 off
1061023080	NLVCC160	160	50	£36.29
1061023081	NLVCC200	200	60	£43.89

Pliers - Long Nose



NLVRTP160

- Half-round jaws.
- Serrated gripping surface.
- Cutter additionally induction hardened to approximately 62 HRC.
- High quality tool steel.
- DIN ISO 5745.

5 YR

Order Code	Model No.	Size (mm)	Price - Each 1 off
1061023074	NLVRTP160	160	£25.59
1061023075	NLVRTP200	200	£28.97

Wire Stripper



NLVWS160

- Simple stripping of cables and strands of up to Ø5mm/10mm^2.
- Drop forged.
- Individually, high frequency, induction hardened.
- With adjusting screw and spring.
- High quality tool steel.
- DIN ISO 5744.

5 YR

Order Code	Model No.	Size (mm)	Price - Each 1 off
1050150718	NLVWS160	160	£31.82

Screwdriver Set - 8 Piece

Order Code	Model No.	Slotted Tip Size (mm)	Pozidriv™ Size	Phillips Size	Neon Mains Tester	Price - Kit 1 off
1000008748	NLVSSPZ8	2.5, 4 , 5.5 , 6.5	1, 2, 3	-	✔	£42.26
1061024563	NLVSSPH8	2.5, 4 , 5.5 , 6.5	-	1, 2, 3	✔	£38.07

- Soft grip handles.
- All VDE approved for live line working up to 1,000V AC.
- Supplied in a zipped canvas case.

5 YR



NLVSSPH8

Plier Set - 3 Piece

Order Code	Model No.	Price - Kit 1 off
1061023101	NLVPS3P	£65.97

- Set contains:
  - Long nose pliers 200mm.
  - Diagonal cutter 160mm.
  - Combination pliers 180mm.
  - Supplied in a zipped canvas case.

5 YR



NLVPS3P

Screwdriver and Diagonal Cutter Set - 7 Piece

Order Code	Model No.	Price - Kit 1 off
1061029771	NLV7SPS	£40.63

- Set contains:
  - Slotted 2.5, 4, 5.5mm tip.
  - Pozidriv™ PZ1, PZ2.
  - Neon mains tester 3mm tip.
  - Diagonal cutter 140mm.
  - Supplied in a zipped canvas case.

5 YR



NLV7SPS

Tool Kit - 12 Piece

Order Code	Model No.	Price - Kit 1 off
1051016794	NLV12ETK	£132.61

- Set contains:
  - Slotted 2.5, 4, 5.5mm tip.
  - Pozidriv™ PZ1, PZ2, PZ3.
  - Diagonal cutter 160mm.
  - Combination pliers 200mm.
  - Long nose pliers 200mm.
  - Neon mains tester 3mm tip.
  - Terminal screwdriver 3.5mm tip (non VDE).
  - Rethreader 3.5mm.
  - Supplied in a zipped canvas case with handle.

5 YR



NLV12ETK

Crimping Tool Kit



NLCKIT

- An extensive selection of the most popular terminals in a tough carrying case with the NLCT1 crimping tool.
- Kit contains*:
  - 100 x Red Through Connector (NLRTC).
  - 50 x Blue Through Connector (NLBTC).
  - 25 x Yellow Through Connector (NLYTC).
  - 100 x Red M4 Ring Terminal (NLRR4).
  - 100 x Red M6 Ring Terminal (NLRR6).
  - 50 x Red Fork Terminal (NLRS3.5).
  - 100 x Blue M4 Ring Terminal (NLBR4).
  - 100 x Blue M6 Ring Terminal (NLBR6).
  - 50 x Blue Fork Terminal (NLBS4).
  - 50 x Yellow Fork Terminal.
  - 50 x Yellow M5 Ring Terminal (NLYR5).
  - 1 x Crimping Tool (NLCT1).

*Contents may vary.

1 YR

Order Code	Model No.	Price - Kit 1 off
1000008466	NLCKIT	£142.30

Crimping Tools



NLCT1



NLCT2



NLRF1

- Manufactured specifically for use with Newlec terminals, these crimping tools will ensure a good quality compression joint.
- Good crimping practice is encouraged in accordance with the requirements of BS 7727 and BS 7609, the use of a matched system of crimping tools & connectors is recommended.
- Compact, lightweight and easy to use.
- High precision investment cast jaws.
- Ratchet controlled to ensure precise and consistent crimping.
- Emergency release lever.
- Toggle action leverage to reduce operator effort.
- Automatic handle opening.
- NLCT1 for use with insulated terminals and connectors.
- NLCT2 for use with uninsulated terminals and connectors.
- NLRF1 and NLRF2 for use with bootlace ferrules.

CE 1 YR

For terminals & connectors see pages 106-107

Please use order code 1050131060 with correct die for terminals up to 120mm.

Order Code	Model No.	Crimping Range (mm)	Crimp Type	Price - Each 1 off
Pre Insulated				
1000008435	NLCT1	0.25 - 6	Insulated	£70.67
Copper Tube				
1000015962	NLCT2	10 & 16	Uninsulated	£62.72
Bootlace				
1050152804	NLRF1	0.5 - 4	Bootlace	£87.17
1050152805	NLRF2	6 - 16	Bootlace	£87.17

Crimping Tool - Multifunction



NLGPCT

- Wire cutter size 0.75-6mm/18-10AWG.
- Bolt cutter M2.5-M5.
- For use with PVC insulated and uninsulated connectors (0.25-6mm).

1 YR

Order Code	Model No.	Price - Each 1 off
1050152803	NLGPCT	£10.16

Stainless Steel Cable Tie Tool

Order Code	Model No.	Price - Each 1 off
1051054849	NLSSTCT1	£130.20

- Robust cutting and tensioning tool for stainless steel ties up to 9mm wide.
- Steel bar lever to cut off cleanly any excess.
- Lightweight and easy to use.
- Moulded grip handles.

For stainless steel cable ties see page 202



NLSSTCT1

PVC Cutter

Order Code	Model No.	Price - Each 1 off
1051054850	NLM42	£45.43

- Ratchet mechanism - fast clean cut!
- Stainless steel cutting blade.
- Clean cut every time - no burred edges or mess.
- Will cut round PVC conduit up to 32mm diameter.
- Will cut flat PVC mini trunking using the mitre attachment.



NLM42

Ratchet Cable Cutter 240mm

Order Code	Model No.	Price - Each 1 off
1051054851	NLRCC240	£137.78

- Lightweight hand ratchet cable cutter.
- Cut single core copper/aluminium cable up to 240mm^2.
- Swivel cutting blade for ease of application.
- Ratchet release lever.
- Lockable moulded grip handles.
- Not suitable for armoured cable.



NLRCC240

Ratchet Cable Cutter 400mm

Order Code	Model No.	Price - Each 1 off
1051054852	NLRCC400HD	£249.37

- Heavy duty hand ratchet cable cutter.
- Cut single core copper/aluminium cable up to 400mm^2.
- Swivel cutting blade for ease of application.
- Extendable handles for greater leverage.
- Lockable moulded grip handles.
- Not suitable for armoured cable.



NLRCC400HD

Ratchet Cable Cutter 35mm

Order Code	Model No.	Price - Each 1 off
1051054853	NLRCC32A	£418.43

- Heavy duty ratchet cable cutter.
- Cut armoured cables up to 32.0mm dia (35.0mm 4C).
- Swivel cutting blade for ease of application.
- Extendable handles with soft moulded grips.
- Carry case supplied with tool.



NLRCC32A

Padsaw



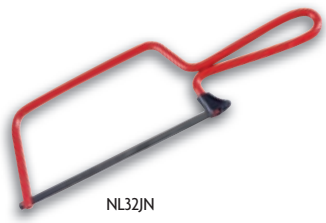
NLPS170

- Designed for cutting holes in wood, MDF or plaster board.
- 150mm blade.

1 YR

Order Code	Model No.	Price - Each 1 off
1000008769	NLPS170	£7.36

Hacksaw - Junior



NL32JN

- General purpose saw for cutting metals.
- Complete with 150mm blade.

1 YR Excluding Blade

Order Code	Model No.	Price - Each 1 off
1061026088	NL32JN	£5.24

Hacksaw - Junior Replacement Blades



NL32JBN

- General purpose 150mm HSS blade to suit all junior hacksaws.
- Pack of 10.

Order Code	Model No.	Price - Pack 1 off
1061026089	NL32JBN	£3.55

Hacksaw - Premium High Tension



NL32N

- Premium quality hacksaw for use with 12"(300mm) blades.
- Complete with blade.
- Blade tension feature for quick and easy adjustment.
- Two cutting positions allow for straight or flush cuts.
- Built-in blade storage for up to 10 blades in the handle.

1 YR Excluding Blade

Order Code	Model No.	Price - Each 1 off
1061026090	NL32N	£19.01

Hacksaw - Replacement Blades



NL124HB

- General purpose bi-metal HSS blades to suit 12"(300mm) hacksaw frame.
- Supplied in storage tube.
- Pack of 10.

Order Code	Model No.	Type	Price - Pack 1 off
1051024034	NL124HB	24tpi	£31.56
1051024035	NL132HB	32tpi	£31.56

Jigsaw Blades



- Blades are manufactured from high carbon steel for strength and durability.

Order Code	Model No.	Description	Price - Pack 1 off
1051054847	NL121JB	5 x 21 TPI* Metal	£16.61
1051054848	NL110JB	5 x 10 TPI* Wood	£11.60

*TPI - Teeth Per Inch

Falling or accidentally dropped tools still pose a significant risk of serious injury, death or damage in industry today. Regulations apply to all "work at height" where there is any possibility of a tool falling and causing personal injury, regardless of distance. The latest HSE regulation/legislation require tools to be tethered to prevent falling. Serious damage may also be caused if tools fall into machinery, stopping production.

Single Carabiner Tool Lanyard

Order Code	Model No.	Length	Price - Each 1 off
1051049563	NLPPECLSTD	35" to 42"	£11.62

- Stretch cord encased in strong tubular nylon webbing with silver mylar reflective thread.
- Tool loop has adjustable barrel lock which ensures secure fit.
- Aluminium carabiner for belt attachment.
- Maximum safe working capacity 4.5Kg (10lb).
- Colour black.


NLPPECLSTD

Dual Carabiner Tool Lanyard

Order Code	Model No.	Length	Price - Each 1 off
1051049565	NLPPEDCSTD	35" to 42"	£13.75

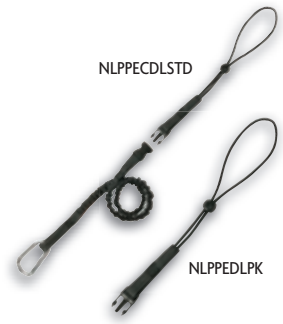
- Stretch cord encased in strong tubular nylon webbing with silver mylar reflective thread.
- Aluminium carabiner at either end for tool or belt attachment.
- Maximum safe working capacity 4.5Kg (10lb).
- Colour black.


NLPPEDCSTD

Single Carabiner Tool Lanyard Detachable

Order Code	Model No.	Length	Price - Each 1 off
1051049569	NLPPECDLSTD	35" to 42"	£12.65
Tool Loops - Pack of 3			
1051049571	NLPPEDLPK		£5.31

- Stretch cord encased in strong tubular nylon webbing with silver mylar reflective thread.
- Aluminium carabiner for belt attachment.
- Tool loop supplied with quick release buckle for fast tool change.
- Tool loop has adjustable barrel lock which ensures secure fit.
- NLPPEDLPK supplied as a pack of 3 for use with NLPPECDLSTD.
- Colour black.


NLPPECDLSTD

NLPPEDLPK

Wrist Tool Lanyard

Order Code	Model No.	Wrist Size	Price - Each 1 off
1051049568	NLPPEWCLXL	7" to 8 ½"	£3.70

- Velcro wrist strap fastening.
- Tool loop has adjustable barrel lock which ensures secure fit.
- Maximum safe working capacity 0.9 Kg (2lb).
- Colour black.


NLPPEWCLXL

Safety Helmet Lanyard

Order Code	Model No.	Fitting	Price - Each 1 off
1051049573	NLPPEHLC	Clamp	£5.50

- Easy release clip attachment.
- Colour high visibility green.
- Safety helmet not included.


NLPPEHLC

Hammers


NL5300

NL5320

Fibreglass Hammer
- 16oz claw hammer.
- Fibreglass is extremely light & moisture resistant.

Fibreglass Lump Hammer
- 1kg lump hammer.
- Soft grip handle.
- Fibreglass shaft.
- Lightweight and moisture resistant.

Order Code	Model No.	Weight (kg)	Price - Each 1 off
1061030716	NL5300	0.455	£14.75
1061030717	NL5320	1	£17.62

Hand Chisels


NL56CH

- Polyurethane hand guard for safety.
- Easy find yellow colour.
- Rust resistant coating.
- Correctly hardened strike surface EN18 carbon steel.
- Manufactured to BS 3066:1995 standard requirements.

Order Code	Model No.	Description	Size (mm)	Price - Each 1 off
1051024019	NL56CH	Electrician's Chisel	56	£11.66
1051024020	NL100CH	Brick Bolster	100	£15.95

SDS Chisels


NLSDSOCH NLSDS20CH NLSDS40CH

- Ideal for breaking out the core of material still in contact with the drilled substrate after core drilling.

Order Code	Model No.	Description	Price - Each 1 off
1051054844	NLSDSOCH	250mm Pointed	£15.60
1051054845	NLSDS20CH	250 x 20mm	£18.90
1051054846	NLSDS40CH	250 x 40mm	£24.23

Adjustable Waterpump Plier


NLSAWPP250

- Precision adjustment joint (box type).
- Induction hardened gripper jaws.
- 10 positions (0-50mm).
- Chrome vanadium tool steel.
- Non insulated.
- DIN ISO 8976.

5 YR

Order Code	Model No.	Price - Each 1 off
1061023097	NLSAWPP250	£38.71

Bushing Spanner


NLSPANBK

- Spanner specifically designed for installing male brass bushes.
- For 20/25mm bushes.
- Designed to give an easy grip on bushes in confined spaces.
- Fits inside body bore to prevent slippage.
- Made from chrome vanadium steel with a heavy duty chrome plated finish (20 microns).

Order Code	Model No.	Price - Each 1 off
1051042697	NLSPANBK	£19.46

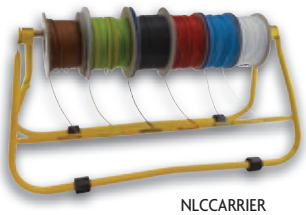
Stock & Die Set


NLSADSET

- Contains all components required for threading of 20/25mm conduit tube after cutting.
- Packed in a hard shell PVC case.
- Cast iron die stock body & guides.
- Dies manufactured from high grade tool steel.
- Steel handles zinc plated.

Order Code	Model No.	Price - Each 1 off
1051042696	NLSADSET	£44.87

Cable Carrier


NLCCARRIER

- Robust steel construction.
- Fold flat for easy storage.
- Anti-slip rubber feet.
- Holds multiple reels.
- Light to carry.

Order Code	Model No.	Description	Dimensions W x H x D (mm)	Price - Each 1 off
1051091195	NLCCARRIER	Multiple Cable Reel Carrier/Dispenser	750 x 290 x 360	£32.00

Bit Set - 11-Piece

Order Code	Model No.	Price - Each 1 off
1051016795	NL11XBS	£28.72

- Set contains:
  - Slotted 5.5, 6.5mm.
  - Philips PH1, 2 x PH2, PH3.
  - Pozidriv™ PZ1, 2 x PZ2, PZ3.
- 1/4" magnetic bit holder.
- Premium quality 1/4" hex drive bits.
- Through hardened.
- 25mm long.

NL11XBS



Bit Box - Pozidriv™

Order Code	Model No.	Description	Price - Pack 1 off
1051024017	NL10XB	10 x PZ2 Bits	£9.45

- PZ2 bits.
- Premium quality 1/4" hex drive bits.
- Through hardened.
- 25mm long.
- Pack 10.

NL10XB



Re-Threader

Order Code	Model No.	Thread Size (mm)	Price - Each 1 off
1000008764	NLRT3.5	3.5	£8.75
1051024018	NLRT4.0	4.0	£8.68

- For cleaning out blocked threads in switch socket boxes.
- Extra long 50mm shaft for easier access.

NLRT3.5



9 Piece Ball End Hex Key Set

Order Code	Model No.	Price - Each 1 off
1051016796	NLEKS9	£23.31

- Long hex keys.
- Metric sizes: 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm.
- Made from chrome vanadium steel, through hardened.
- Ball end allows work at angles of up to 25°.

NLEKS9



Trimming Knife - Retractable

Order Code	Model No.	Price - Each 1 off
1051024036	NLTK5	£10.96

- Angled for user comfort.
- Easy blade removal.
- Blade storage within handle.
- Comes with 5 blades.

1 YR

NLTK5



Trimming Knife - Spare Blades

Order Code	Model No.	Price - Pack 1 off
1051024037	NLKB10	£4.11

- Supplied in easy to use dispenser.
- Pack of 10.

NLKB10



4 Way Utilities Key


NL4WK

- Opens service cabinets for water, electric and gas.

Order Code	Model No.	Price - Each 1 off
1061028722	NL4WK	£8.28

Spirit Levels


NLSL230

NLSL230

- 3 vials.
- Protective metal surround.
- Magnetic base.

1 YR

Order Code	Model No.	Length (mm)	Price - Each 1 off
1051024038	NLSL230	230	£15.99

Toolbox - PVC


NL20TB

- Includes tote tray.

1 YR

Order Code	Model No.	Dimensions (mm)	Price - Each 1 off
1051039541	NL20TB	505 x 255 x 270	£43.98

Fish Tape


NLSFT


NLNFT

Spring Steel

- Made from flexible spring steel with plastic holder.
- Width 3.2mm and 1.6mm thickness.
- 50ft long - approx 15M.

Nylon

- Fish tape (20M) made from 3mm diameter nylon cord with brass looped end.
- For easy feeding of electrical cable through conduit tube.
- Non-conductive and non-corroding.
- Low friction smooth service.

1 YR

Order Code	Model No.	Price - Each 1 off
Spring Steel		
1050153069	NLSFT	£25.82
Nylon		
1051042698	NLNFT	£11.13

Tape Measures - Soft Grip ABS Cased


NL00543

- 25mm wide blade.
- Metric & imperial blade markings.
- Magnetic end hook.
- Blade lock mechanism.

1 YR

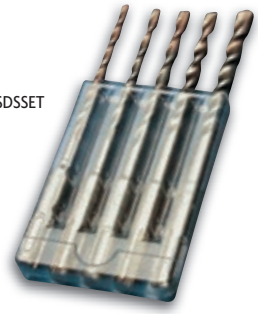
Order Code	Model No.	Description	Price - Each 1 off
1061030714	NL00543	5M Heavy Duty	£12.59
1061030715	NL00544	8M Heavy Duty	£17.42

Drill Sets - SDS 5 Piece

Order Code	Model No.	Price - Each 1 off
1000009593	NLSDSSET	£63.44

- Set contains:
  - 5.5, 6, 7, 8, 10 x 160mm drill bits.
- Premium quality SDS+ hammer drill bits.

NLSDSSET



Drill Sets - HSS 7 Piece

Order Code	Model No.	Price - Each 1 off
1052043568	NLHSSSET	£22.42

- Set contains:
  - 1.5, 2, 3, 4, 5, 5.5, 6mm HSS drill bits.
- High speed steel roll forged drill bits.

NLHSSSET



Fast Wood Drill Bits

Order Code	Model No.	Description	Price - Each 1 off
1061030176	NLWB20	20mm x 165mm	£12.05
1061030178	NLWB25	25mm x 165mm	£13.17

- ¼" quick change shank for rapid diameter tool change and use within impact drivers.
- Four deep auger style flutes for rapid chip evacuation and faster drilling speeds.
- Ultra clean break through.
- Extreme drilling comfort and balance.
- Fits standard bit holder.

NLWB20



Flat Bits

Order Code	Model No.	Hole Size (mm)	Price - Each 1 off
1052043564	NLFB12	12	£14.98
1052043565	NLFB16	16	£15.52
1000008793	NLFB20	20	£16.34
1000008794	NLFB25	25	£17.43
1052043567	NLFB32	32	£24.09

- For rapid drilling of larger diameter holes in wood.
- 160mm overall length.

NLFB25



Auger Bits

Order Code	Model No.	Hole Size (mm)	Price - Each 1 off
1052043552	NLAUG12	12	£24.30
1052043553	NLAUG16	16	£30.08
1000008791	NLAUG20	20	£39.29
1000008792	NLAUG25	25	£50.37
1052043555	NLAUG32	32	£90.22

- For rapid and accurate drilling in wood and plasterboard.
- 235mm overall length for added convenience and reach.
- Precision machined screw tip for smooth & progressive pull through.
- Back-tapered flute for easy drill bit removal.

NLAUG20



Drills - SDS/Hammer

- Manufactured in the UK.
- Premium quality SDS+ hammer drills for rapid penetration in masonry materials & concrete.
- Latest carbide tip technology gives increased penetration and efficiency of cut.
- Manufactured to established European standards & tolerances.
- QFDs shank design for rapid tool changeovers.
- Optimised flute design for rapid spoil removal and added strength.



NLSDS5X110

Order Code	Model No.	Size (mm)	Size (No.)	Price - Each 1 off
1051091524	NLSDS3.5X160	3.5 x 160	6	£20.24
1000008806	NLSDS5X110	5 x 110	8	£10.88
1050150722	NLSDS5X160	5 x 160	8	£11.54
1000008807	NLSDS5.5X110	5.5 x 110	10	£10.88
1000008810	NLSDS5.5X160	5.5 x 160	10	£11.54
1052043571	NLSDS6X110	6 x 110		£11.54
1061029776	NLSDS6X160	6 x 160		£11.54
1000008808	NLSDS6.5X110	6.5 x 110	12	£11.54
1000008811	NLSDS6.5X160	6.5 x 160	12	£12.30
1000008809	NLSDS7X110	7 x 110	14	£13.71
1052043572	NLSDS7X160	7 x 160	14	£12.73
1000008812	NLSDS8X160	8 x 160	16	£13.71
1052043573	NLSDS8X210	8 x 210	16	£21.98
1000008813	NLSDS8X260	8 x 260	16	£31.34
1000008814	NLSDS10X160	10 x 160		£16.54
1052043574	NLSDS10X210	10 x 210		£22.20
1052043575	NLSDS10X450	10 x 450		£44.29
1000008815	NLSDS12X160	12 x 160		£20.13
1052043576	NLSDS12X450	12 x 450		£45.27
1000008816	NLSDS14X150	14 x 150		£27.42
1000008817	NLSDS16X150	16 x 150		£35.04
1000008818	NLSDS16X450	16 x 450		£60.39
Extra Length				
1052043577	NLSDS10XL	10 x 1000		£66.27
1061029773	NLSDS12XL	12 x 1000		£67.62
1052043578	NLSDS16XL	16 x 1000		£79.25
1061029775	NLSDS20XL	20 x 1000		£95.01
1052043579	NLSDS25XL	25 x 1000		£131.19

Drills - Masonry

- Rolled flute masonry drills for use in most masonry materials.
- Suitable for cordless & corded drilling tools.
- Designed for use on rotary percussion mode.



NLMAS5.5X85

Order Code	Model No.	Size (mm)	Size (No.)	Price - Each 1 off
1000008819	NLMAS5X85	5 x 85	8	£3.92
1000008823	NLMAS5X150	5 x 150	8	£5.88
1000008820	NLMAS5.5X85	5.5 x 85	10	£4.03
1000008824	NLMAS5.5X150	5.5 x 150	10	£6.32
1061029777	NLMAS6X100	6 x 100	-	£4.14
1052043569	NLMAS6X150	6 x 150	-	£6.21
1000008821	NLMAS6.5X100	6.5 x 100	12	£4.68
1000008825	NLMAS6.5X150	6.5 x 150	12	£6.86
1000008822	NLMAS7X100	7 x 100	14	£5.12
1052043570	NLMAS7X150	7 x 150	14	£7.08
1000008826	NLMAS8X150	8 x 150	16	£7.40
1000008827	NLMAS8X400	8 x 400	16	£22.96
1000008828	NLMAS10X120	10 x 120	-	£7.40

Drills - HSS Jobber

- High speed steel roll forged drill bits.
- Suitable for use on both metal and wood.
- Cutting lubricant recommended when drilling metal.
- Manufactured to DIN338.

N.B. HSS Drills are sized in mm. The imperial measurements listed are approximate equivalents only.



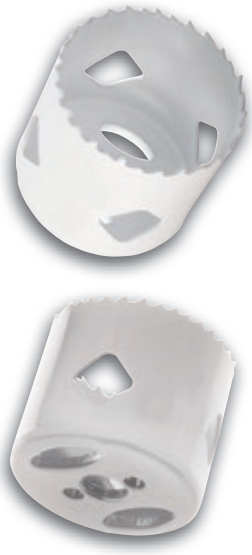
NLHSS2

Order Code	Model No.	Size (mm)	Size (inches)	Price - Each 1 off
1050151516	NLHSS2	2	5/64	£3.70
1000008795	NLHSS3	3	1/8	£3.16
1000008796	NLHSS3.5	3.5	9/64	£3.27
1000008797	NLHSS4	4	5/32	£3.60
1000008798	NLHSS5	5	3/16	£4.47
1000008799	NLHSS5.5	5.5	7/32	£5.66
1050151517	NLHSS6	6	15/64	£5.77
1000008800	NLHSS6.5	6.5	1/4	£6.53
1000008801	NLHSS7	7	9/32	£7.40
1000008802	NLHSS8	8	5/16	£9.04
1000008803	NLHSS9.5	9.5	3/8	£13.71
1050151518	NLHSS10	10	25/64	£14.26
1000008804	NLHSS11	11	7/16	£17.41
1000008805	NLHSS12	12	15/32	£20.24

Holesaws

- Manufactured from M42 cobalt bimetal steel for increased durability.
- Thin kerf design for fast cutting.
- Cats eyes opening for easy plug removal.
- Large diamond cutout for heat dissipation and longer life.
- Fleem ground teeth stay sharp for longer and clears chips for faster cut.
- Can be used in hand held electric/cordless power tools as well as fixed industrial machines.

Order Code	Model No.	Hole Size (mm)	Hole Size (inches)	Quick Change	Price - Each 1 off
1051024021	NLCHS16	16	5/8	-	£8.90
1051024022	NLCHS20	20	25/32	-	£8.68
1051024023	NLCHS25	25	1	-	£9.83
1051024024	NLCHS32	32	1 1/4	✔	£11.31
1051024025	NLCHS38	38	1 1/2	✔	£12.73
1051024026	NLCHS51	51	2	✔	£14.38
1051024027	NLCHS60	60	2 3/8	✔	£17.36
1051024028	NLCHS64	64	2 1/2	✔	£17.83
1051024029	NLCHS70	70	2 3/4	✔	£19.56
1051091188	NLCHS73	73	2 7/8	✔	£20.27
1051024030	NLCHS76	76	3	✔	£21.05
1051091189	NLCHS79	79	3 7/64	✔	£21.10
1051024031	NLCHS83	83	3 1/4	✔	£21.05
1051024032	NLCHS86	86	3 1/3	✔	£21.32
1051024033	NLCHS102	102	4	✔	£27.93



NLCHS51



Arbors

- Universal arbors to suit all Newlec holesaws.

Order Code	Model No.	Type	Holesaw Size (mm)	Shank Size (mm)	Holesaw Fitting	Price - Each 1 off
1000008785	NLAA1	A1	14 - 30	10mm (3/8") Hex	Standard	£7.39
1000008786	NLAA2	A2	32 - 210	13mm (1/2") Hex	Quick Change	£13.58
1000008787	NLAA4	A4	14 - 30	6mm (1/4") Round	Standard	£7.39
1000008788	NLAA10	A10	32 - 210	10mm (3/8") Hex	Quick Change	£14.38



NLAA1

NLAA2

Drills - HSS Pilot

- Manufactured from high speed steel.
- 6.5mm - (1/4") diameter with flat shank.
- For all Newlec arbors.

Order Code	Model No.	Description	Size (inches)	Price - Each 1 off
1000008789	NLAPD1	Short HSS	1/4 x 3 1/16	£3.61
1000008790	NLAPD2	Long HSS	1/4 x 4	£3.61



NLAPD2

NLAPD1

Holesaws - Tungsten

- Ultra hard tungsten carbide teeth.
- Fast accurate cutting.
- Complete with ejector spring.
- Suitable for cast iron, steel plate up to 3/16" and stainless steel up to 1/8" thick.
- Longer life.

Order Code	Model No.	Hole Size	Price - Each 1 off
1051091190	NLTHS20	20mm	£49.34
1051091191	NLTHS22	22mm	£53.05
1051091192	NLTHS25	25mm	£53.05
1051091193	NLTHS32	32mm	£65.57
1051115187	NLTHS40	40mm	£78.23

Quicker cut and suitable for stainless steel



NLTHS40

Dust & Debris Catcher



NLHSDC

- Unique patented design collects debris in channels.
- Ideal for downlighter installation and ceiling fixings.
- Self levels on drill to enable one handed operation.
- Reduces hours spent on cleaning up.
- Reduces exposure to airborne debris whilst drilling.

Order Code	Model No.	Description	Price - Each 1 off
1051091194	NLHSDC	Cutting Tool Debris Catcher	£18.75

Cone Drill



NLCD16-32.5

- Perfect for producing an infinite range of hole diameters for versatility in trunking and sheet steel.
- Uninterrupted, ground cutting edges rapidly produce an infinite range of hole diameters for the ultimate versatility.
- Tapered cone design for easily enlarging holes, perfect for problem solving and awkward jobs.
- Self centering drilling action provides a quick and easy trade solution for metal drilling.

Order Code	Model No.	Description	Price - Each 1 off
1051019514	NLCD16-32.5	16 - 32.5mm Ø	£46.73

Step Drill



NLSD16-32

- Perfect for producing consistently accurate holes in trunking and sheet steel.
- 4 drill diameter steps for convenience and multiple hole diameter options (16.5 / 20.5 / 25.5 / 32.5mm).
- Laser etched diameter markings allow repeat production of error free, reliably accurate holes.
- Precision ground, tapered cutting edges allow material up to 3.5mm to be drilled.

Order Code	Model No.	Description	Price - Each 1 off
1051019509	NLSD16-32	16 - 32mm Ø	£70.98

NEW

TEST INSTRUMENT CALIBRATION SERVICE

SEE PAGE 270



Quick and easy service for all your calibration needs





Fasteners & Fixings

All Round Band	302
Anchors	295 - 296
Bolts	301
Cavity Fixings	296 - 297
Chemical Fixings & Accessories	297
Compartment Boxes	300
Fixing Tubs	297
Nails	302
Nuts	300 - 301
Screws	297 - 301
Threaded Rod	302
Wall Plugs	302
Washers	301

Fastener Selection & Installation Tips

The performance of any anchor primarily depends upon the integrity and strength of the substrate material into which it is fixed, in general the stronger the substrate the greater the failure load.

Anchors generally fall into three categories:

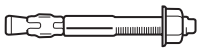
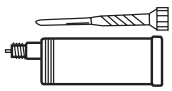
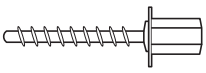
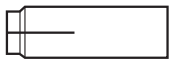
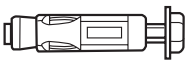
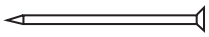
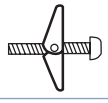
- Light duty - which includes cavity fixings, wall plugs, masonry nails and screws.
- Medium duty - wedge, shield anchor: (M6 to M12) and chemical anchors.
- Heavy duty - throughbolts, shield anchor: (M16 to M24) and chemical anchors.

In general terms, when using anchors, spacing between each fixing point should be a minimum of 3 times the fixing depth of the anchor.

Most anchors work by expansion. This creates stress within the substrate and can be problematic if fixed too close to the edge of the substrate or into substrates which are old or badly weathered. In cases like this it is recommended that you use expansion free anchors such as chemical polyester resins.

Always drill the correct diameter holes to the correct depth using a drill bit which is in good condition. Clean the hole thoroughly. This is important for all anchors, but particularly critical for chemical anchors.

The information given is intended for general guidance and is given without engagement. Additional information is available on request. All data must be adapted for local conditions.

	MATERIAL		CONCRETE (UNCRACKED)	BRICK (SOLID)	BRICK (PERFORATED)	LIGHTWEIGHT CONCRETE	AERATED BLOCK	SANDSTONE	GRANITE	HOLLOW BLOCKS	HOLLOW CLAY POT	PLASTERBOARD	PLYWOOD	HOLLOW DOORS
HEAVY DUTY	THROUGHBOLT		✓			●		●	●					
	CHEMICAL STUDBOLT		✓*	✓	●	✓	●	✓	✓	●				
	CHEMICAL CARTRIDGE		✓	✓	●	✓	●	✓	✓	●				
	CONCRETE SCREW		✓						✓					
MEDIUM DUTY	WEDGE ANCHOR		✓			●			●					
	SHIELD ANCHOR (M6-M12)		✓	✓	●	✓		✓	✓					
LIGHT DUTY	MASONRY CAPPING NAILS		✓	✓	●	✓	●	✓		●			✓	
	MASONRY SCREW		✓	✓	●	✓	●	✓		●				
	METAL FASTENING NAIL		✓	✓	✓	✓	✓	✓	✓					
	METAL SELF DRILL											✓		
	SCREW ANCHOR									●	●	✓	✓	✓
	SPRING TOGGLE									●	●	✓	✓	

✓ SUITABLE ● SUITABLE WITH CARE * NOT SUITABLE FOR CONCRETE THAT WILL BE WET DURING SERVICE.

Shield Projection Bolt

- Suitable for use in concrete, brickwork and stone.
- Suitable for situations where it is useful to support the weight of the fixture during installation, i.e. fixing cable trays, ducting and trunking.
- Supplied in packs of 25.


NLPB10

Order Code	Model No.	Thread Diameter	Drill Required	Hole Depth (mm)	Price - Each 1 off
1050150734	NLPB6	M6	12mm/NLSDS12	50	£1.88
1050150735	NLPB8	M8	14mm/NLSDS14	55	£3.06
1000008831	NLPB10	M10	16mm/NLSDS16	65	£4.10

Shield Eye Bolt

- Suitable for use in concrete, brickwork and stone.
- Suitable for permanent anchorage, i.e. securing guy ropes, stays and cables.
- Supplied in packs of 25.

For catenary wire & accessories see page 135


NLEB10

Order Code	Model No.	Thread Diameter	Drill Required	Hole Depth (mm)	Price - Each 1 off
1050150732	NLEB6	M6	12mm/NLSDS12	50	£2.39
1050150733	NLEB8	M8	14mm/NLSDS14	55	£3.51
1050150762	NLEB10	M10	16mm/NLSDS16	65	£5.46

Shield Loose Bolt

- Provides a strong and secure fixing in concrete, brickwork and stone work.
- Comprises a segmented shield which expands when tightened.
- For heavy duty fixing, where bolts have to be inserted after positioning the shield i.e. installing heavy equipment and machinery.
- Supplied in packs of 25.


NLLB10

Order Code	Model No.	Thread Diameter	Drill Required	Hole Depth (mm)	Price - Each 1 off
1000008832	NLLB6	M6	12mm/NLSDS12	50	£2.49
1000008833	NLLB8	M8	14mm/NLSDS14	55	£2.99
1000008834	NLLB10	M10	16mm/NLSDS16	65	£4.14

Through Bolt

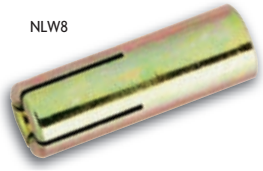
- Easy to use through fixing for concrete and dense natural stone.
- For fixing brick work support, angle cladding and curtain walling systems.
- Suitable for fixing heavy machinery such as generators, as machine can be sited prior to installation of bolts.
- Supplied in packs of 10.


NLTB8

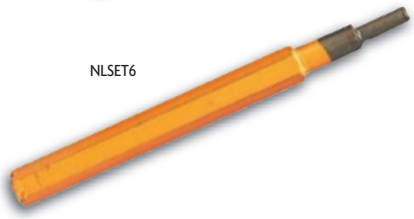
Order Code	Model No.	Thread Diameter	Drill Required	Hole Depth (mm)	Price - Each 1 off
1050150745	NLTB8	M8	8mm/NLSDS8	55	£1.01
1000008842	NLTB10	M10	10mm/NLSDS10	60	£1.36

Wedge Anchor - Steel

NLW8



NLSET6



For threaded rod see page 302

- Ideal for securing suspended services such as pipework, ducting and cable tray in concrete.
- Comprises a threaded steel socket and a captive wedge.
- After insertion of the anchor into the hole, it can be expanded by driving the wedge into the socket with the appropriate wedge setting tool - see below.
- Provides flush fixing point in either ceiling, wall or floor surfaces.
- Provides a strong, permanent and reusable female thread in concrete or stone.
- Wedge anchors supplied in packs of 25.

Order Code	Model No.	Internal Thread Diameter	Drill Required	Hole Depth (mm)	Price - Pack 1 off
1000008835	NLW6	M6	8mm/NLSDS8	27	£7.10
1000008836	NLW8	M8	10mm/NLSDS10	32	£9.23
1000008837	NLW10	M10	12mm/NLSDS12	42	£12.41

Setting Tools

Order Code	Model No.	For Anchor Size	Price - Each 1 off
1000008838	NLSET6	M6	£9.85
1000008839	NLSET8	M8	£10.63
1000008840	NLSET10	M10	£11.18

Concrete Screw

NLCS810

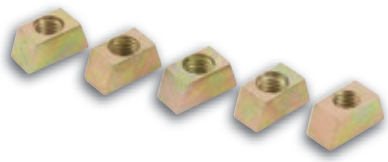


For threaded rod see page 302

- Zinc plated steel.
- A self-tapping screw enables time saving installation.
- When used with tangential impact wrench the screw design allows for quick and easy installation.
- Bushing has internal thread type M8 and M10.
- Approved for concrete C20/25 to C50/60, cracked, for multiple fixings of non structural applications ETA - 11/0093.
- Also suitable for concrete C12/15, natural stone and dense structure.
- Maximum tightening torque 15Nm.
- Supplied in packs of 100.

Order Code	Model No.	Internal Thread Diameter	Drill Required (mm)	Hole Depth (mm)	Price - Pack 1 off
1051058242	NLCS810	M8 + M10	6	60	£96.38

Wedge Nuts



For threaded rod see page 302

- For use in precast concrete sections.
- Supplied in packs of 10.

Order Code	Model No.	Size	Price - Pack 1 off
1051047804	NLZWN06A	M6	POA
1051047805	NLZWN08A	M8	POA
1051047806	NLZWN10A	M10	POA

Cavity Fixing - Metal

NLSA5



- High performance, interset cavity fixing for securing heavy objects to soft-faced partition boards.
- Fixture can be removed and re-used, for example when removing wall heaters for re-decoration.
- Supplied with screw and secured using a NLFT fixing tool (see below).
- Supplied in packs of 25.

Order Code	Model No.	Thread Diameter	Drill Required	Grip Range (mm)	Price - Pack 1 off
1000008846	NLSA4	M4	8mm/NLHSS8	8-15	£22.81
1050150747	NLSA5	M5	10mm/NLHSS10	15-28	£46.71

Cavity Fixing Installation Tool



NLFT

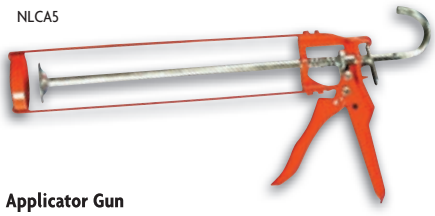
- For quick and simple installation of cavity fixings NLSA4 and NLSA5.
- Ideal for jobs involving repetitive fixing.

Order Code	Model No.	Price - Each 1 off
1000008847	NLFT	£27.46

Chemical Fixing and Accessories

Chemical resins provide a solution to all types of fixing problems. They provide a strong, stress-free fix (no expansion) in block work, brick and concrete, and also offer a solution for aged or badly weathered substrate.

- High performance chemical anchor.
- More versatile than traditional expansion anchors.
- Environmentally friendly, styrene-free resin.


NLCA5



NLCA8

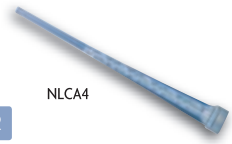
Order Code	Model No.	Price - Each 1 off
Applicator Gun		
1000008841	NLCA5	£17.49
Resin Cartridge with Mixer Nozzle		
1050151871	NLCA8	£46.28
Mixer Nozzle		
1050150739	NLCA4	£2.50

Applicator Gun
- Suitable for use with NLCA8.

Resin Cartridge with Mixer Nozzle*
- Suitable for use with NLCA5.

Mixer Nozzle
- For use with resin cartridge NLCA8.
- Inner lining provides instant mixing and reduces wastage.
- Supplied in packs of 10.

*WARNING Flammable product - COSHH restrictions apply.
Safety sheet available from your local branch.


NLCA4

For threaded rod, nuts & washers see page 300-302

Cavity Fixings - Self Drill

- No drill required.
- Self-drilling fixings, supplied complete with screws, require only a Pozidriv™ screwdriver to install.
- Provides a quick and easy, positive fixing for light and medium loads in plasterboard walls and ceilings.
- Can be used in double thickness plasterboard and is suitable for medium weight fixings.


NLMSD5

Order Code	Model No.	Type	Screw Size (mm)	Board Thickness (mm)	Max. Fixture Thickness (mm)	Pack Qty	Price - Pack 1 off
1000008848	NLMSD4N	Metal	4.5 x 20	9-15	20	25	£14.71
1061024582	NLMSD5	Metal	4.5 x 20	9-15	20	100	£46.98

Cavity Fixings - Spring Toggle

- For fixing overhead fixtures in plasterboard.
- Also suitable for fixing electrical fixings to cavity walls.
- Supplied complete with screw.
- Supplied in packs of 10.


NLSTF580

Order Code	Model No.	Drill Diameter Required	Screw Size (mm)	Max. Thickness of Base (Material Plus Fixture)	Max. Load in 9.5mm Plasterboard Based on Safety Factor of 4:1 (kg)	Price - Pack 1 off
1000008843	NLSTF350	11mm/NLHSS11	M3 x 50	30	0.15	£12.45
1000008844	NLSTF550	14mm/NLSDS14	M5 x 50	24	0.16	£15.42
1000008845	NLSTF580	14mm/NLSDS14	M5 x 80	54	0.16	£30.04

Fixing Tubs

- A range of screws, plugs and fixings in durable resealable tub with carry handle.


NLTUB1


NLTUB2


NLTUB3

Order Code	Model No.	Screw Size (mm)	Fixing	Description	Quantity	Price - Each 1 off
1051058237	NLTUB1	5 x 50	NLPLBRO	Wall Plugs & Screws	400	£33.97
1051058238	NLTUB2	4 x 40	NLPLRED	Wall Plugs & Screws	500	£26.22
1051058239	NLTUB3	4.5 x 20	NLMSD	Metal Self Drill Cavity Fixings	300	£53.81

Masonry Screws

Amendment 3 Compliant



NLMS432

- Suitable for rapid anchoring directly into most masonry materials.
- Complies to Amendment 3:2015 (521.200) "Wiring Systems in Escape Routes".
- No wall plug required.
- SDS Drill NLSDS3.5X160 required for accurate fixing of screws.

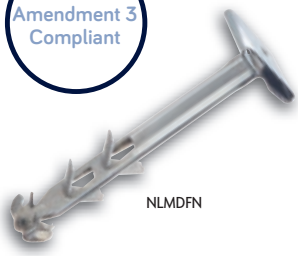
Order Code	Model No.	Size (mm)	Pack Qty	Price - Pack 1 off
1051091289	NLMS432	4.8 x 32	100	£31.59
1051091290	NLMS445	4.8 x 45	100	£41.24

SDS Masonry Bit Drill

Order Code	Model No.	Size (mm)	Pack Qty	Price - Each 1 off
1051091524	NLSDS3.5X160	3.5 x 160	1	£20.24

Metal Fastening Nail

Amendment 3 Compliant



NLMDFN

- Complies to amendment 3:2015 (521.200) "Wiring Systems in Escape Routes".
- Made from Stainless Steel.
- Will hold 4kg up to 120min at 1030°C.
- Cable tie slot in head (9mm).
- Simply drill 6mm hole and fix.
- Pack quantity of 100.

Order Code	Model No.	Description	Dimensions (mm)	Price - Pack 1 off
1051091295	NLMDFN	Push in Fastener	6 x 36	£55.10

SDS Masonry Bit Drill

Order Code	Model No.	Description	Dimensions (mm)	Price - Each 1 off
1061029776	NLSDS6X160	SDS Drill Bit	6 x 160	£11.54

Self Tapping



NLS4305CN

- Hardened and bright zinc plated.

Order Code	Model No.	Size (inches)	Pack Qty	Price - Pack 1 off
Pozidriv™ Pan Head				
1050152039	NLS4305AN	8 x 1/2	200	£5.70
1050152040	NLS4305BN	8 x 3/4	200	£7.01
1050152041	NLS4305CN	8 x 1	200	£8.14
1050152042	NLS4305DN	8 x 1 1/2	200	£8.14

Pozidriv Countersunk Twin Thread



NLS4628DN

- Through hardened and bright zinc plated.
- Suitable for wood, plastic/nylon wall plugs.
- Sharp gimlet point.

Order Code	Model No.	Size (inches)	Pack Qty	Price - Pack 1 off
Pozidriv™ Countersunk Twin Thread				
1050152061	NLS4626AN	6 x 3/4	200	£4.43
1050152062	NLS4626BN	6 x 1	200	£4.43
1050152065	NLS4628AN	8 x 3/4	200	£5.36
1050152066	NLS4628BN	8 x 1	200	£5.36
1050152067	NLS4628CN	8 x 1 1/4	200	£7.69
1050152068	NLS4628DN	8 x 1 1/2	200	£7.93
1050152069	NLS4628EN	8 x 2	200	£10.49
1050152070	NLS4628FN	10 x 1	200	£9.56
1050152071	NLS4628GN	10 x 1 1/2	200	£11.19
1050152072	NLS4628HN	10 x 2	200	£14.22
1050152073	NLS4628IN	10 x 2 1/2	100	£9.44
1050152074	NLS4628JN	10 x 3	100	£11.19

Round Head

Order Code	Model No.	Size (inches)	Pack Qty	Price - Pack 1 off
Slotted Brass Roundhead				
1050152087	NLS54BN	6 x 1	200	£21.28
1050152089	NLS54DN	8 x 1	200	£26.32
Pozidriv™ Round Head Twin Thread				
1050152093	NLS4428BN	8 x 1	200	£7.05
1050152094	NLS4428CN	8 x 1 1/4	200	£8.10
1050152095	NLS4428DN	8 x 1 1/2	200	£9.66
1050152096	NLS4428EN	8 x 2	200	£13.05

Slotted Brass Roundhead

- Suitable for use with plastic and nylon wall plugs.



NLS54BN

Pozidriv™ Round Head Twin Thread

- Through hardened and bright zinc plated.
- Twin thread provides excellent holding and fast driving into a variety of materials such as chipboard, blockboard, timber and can be used with nylon wall plugs.
- Roundhead ideal for electrical installations.



NLS4428BN

Drywall

Order Code	Model No.	Size (mm)	Pack Qty	Price - Pack 1 off
1050152035	NLS4520A	3.5 x 38mm	250	£5.30

- Phillips, countersunk, bugle head, grey, phosphate screws.
- Can be used through small gauge sheet metal.
- Sharp point for use in plasterboard, partitioning and suspended ceilings.



NLS4520A

Metal Safeplate

Order Code	Model No.	Pack Qty	Price - Pack 1 off
1051043278	NLSP1	100	£49.90

- Galvanised protective steel plate 50 x 76mm, with fixings.
- Helps to prevent penetration of cables & pipes by nails/screws when laying floorboards, installing wall panels or ceilings and during other fixing activities.
- Easy and quick to fit - no screws or nails.
- Meets NHBC requirements.
- NICEIC approved.



NLSP1

NEW

DECORATIVE LED BULKHEAD

SEE PAGE 44



Robust and aesthetically appealing, ideal for use in residential areas



Machine Screws



Slotted Brass Pan Head



Slotted Raised Countersunk

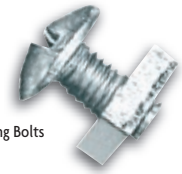


Slotted Raised Roundhead

- Ideal for use in a wide range of electrical installations e.g. fixing switch/socket boxes, conduit fittings etc.

Order Code	Model No.	Size	Pack Qty	Price - Pack 1 off
Slotted Pan Head - Solid Brass				
1050152100	NLS4304AN	M4 x 6mm	100	£7.74
1050152101	NLS4304BN	M4 x 8mm	100	£10.51
1050152102	NLS4304CN	M4 x 10mm	100	£10.59
1050152103	NLS4304DN	M4 x 12mm	100	£10.51
1050152104	NLS4304EN	M4 x 16mm	100	£12.87
1050152105	NLS4304FN	M4 x 20mm	100	£13.19
1050152106	NLS4304GN	M4 x 25mm	100	£17.75
1050153063	NLS4304HN	M4 x 35mm	50	£12.91
1050152107	NLS4304JN	M4 x 40mm	50	£13.80
1050152108	NLS4304KN	M4 x 50mm	50	£15.10
Slotted Raised Countersunk - Bright Zinc Plated				
1050152112	NLS4317AN	M3.5 x 25mm	100	£7.98
1050153065	NLS4317BN	M3.5 x 35mm	100	£11.08
1050152113	NLS4317DN	M3.5 x 40mm	100	£12.05
1050152114	NLS4317EN	M3.5 x 50mm	25	£4.93
1050152115	NLS4317FN	M3.5 x 75mm	25	£3.93
Slotted Raised Roundhead - Solid Brass				
1050152116	NLS4319AN	2BA x 1"	50	£6.48
1050152117	NLS4319BN	2BA x 2"	50	£10.87

Nuts & Bolts - Roofing & Gutter



Roofing Bolts



Gutter Bolts

- Suitable for trunking, general fixing applications and cable tray.
- Zinc plated.
- Roofing bolt: double slotted head with square nut.
- Gutter bolt: countersunk slotted head with square nut.

CE

Order Code	Model No.	Size	Pack Qty	Price - Pack 1 off
Roofing Bolts				
1050152137	NLS4333AN	M6 x 12mm	200	£17.21
1050152138	NLS4333AN1	M6 x 16mm	200	£18.11
1050152139	NLS4333BN	M6 x 20mm	200	£19.01
1050152140	NLS4333CN	M6 x 25mm	100	£10.79
1050152141	NLS4333DN	M6 x 50mm	100	£17.34
Gutter Bolts				
1050152142	NLS4334AN	M6 x 12mm	200	£29.15
1050152143	NLS4334BN	M6 x 16mm	200	£31.46
1050152144	NLS4334CN	M6 x 20mm	200	£32.88
1050152145	NLS4334DN	M6 x 25mm	100	£18.05

Plastic Compartment Box



NLCASE1P

- The body is produced from toughened polypropylene for strength.
- The durable polycarbonate lid is produced with multi location points to fit down directly onto each compartment to avoid spillage from one compartment to another.
- Comes with 17 plastic compartments 63mm high, interchangeable and offer a range of useful sizes to accept multiple variations of small parts.
- The combination of multi location grid and location points allow the case to be carried without risk of compartment shifting, even if not all the compartments are used.

Order Code	Model No.	Dimensions H x W x D (mm)	Price - Each 1 off
1051050432	NLCASE1P	401 x 301 x 69	£25.75

Metal Compartment Box



NLCASE1M

- The body and lid are produced in sheet steel with polyester powder coat finish to RAL 7042.
- Comes with 17 plastic compartments 63mm high, interchangeable and offer a range of useful sizes to accept multiple variations of small parts.
- Has two strong spot-welded toggle catches and an extra push-release safety-catch to reduce the risk of spillage.
- The case lids have a foam sheet attached to compress down onto the compartments to stop internal mixing of components.
- Weight: 2.4kg.

Order Code	Model No.	Dimensions H x W x D (mm)	Price - Each 1 off
1051050431	NLCASE1M	380 x 270 x 66	£29.75

Hex Set Screws

Order Code	Model No.	Size	Price Per 10 10 off
Steel Zinc Plated HT8.8			
1051047797	NLZS0620A	M6 x 20mm	POA
1051047798	NLZS0625A	M6 x 25mm	POA
1051047799	NLZS0825A	M8 x 25mm	POA
1051047800	NLZS0835A	M8 x 35mm	POA
1051047801	NLZS1025A	M10 x 25mm	POA
1051047802	NLZS1035A	M10 x 35mm	POA

Order Code	Model No.	Size	Pack Qty	Price - Pack 1 off
Brass				
1050152118	NLSSS625	M6 x 25mm	20	£6.48
1050152120	NLSSS640	M6 x 40mm	20	£10.91
1050152121	NLSSS825	M8 x 25mm	20	£15.64
1050152122	NLSSS830	M8 x 30mm	20	£16.90
1050152124	NLSSS1025	M10 x 25mm	20	£12.16
1050152125	NLSSS1030	M10 x 30mm	20	£13.38
1050152126	NLSSS1040	M10 x 40mm	20	£15.64

- Steel zinc plated HT8.8 set screws supplied in multiples of 10.

1 YR



Zinc Plated



Brass

Cone Point Set Screw - HT8.8

Order Code	Model No.	Size	Price - Each 1 off
1051047803	NLZCP1040A	M10 x 40mm	POA

- Manufactured from high tensile 8.8 steel for ultimate performance.

1 YR



NLZCP1040A

Hexagon Full Nuts

Order Code	Model No.	Size	Price Per 10 10 off
Steel Zinc Plated HT8.8			
1051047782	NLZHN06A	M6	POA
1051047783	NLZHN08A	M8	POA
1051047784	NLZHN10A	M10	POA
1051048799	NLZHN12A	M12	POA

Order Code	Model No.	Size	Pack Qty	Price - Pack 1 off
Brass				
1050152128	NLS4320AN	M4	100	£10.02
1050152129	NLS4320C	M6	50	£11.69
1050152130	NLS4320E	M8	50	£21.64
1050152131	NLS4320G	M10	50	£37.18

- Steel zinc plated HT8.8 full nuts supplied in multiples of 10.

1 YR



Zinc Plated



Brass

Flat/Penny Washers

Order Code	Model No.	Size	Type	Price Per 10 10 off
Steel Zinc Plated				
1051047779	NLZFW06A	M6	Flat	POA
1051047780	NLZFW08A	M8	Flat	POA
1051047781	NLZFW10A	M10	Flat	POA
1051048798	NLZFW12A	M12	Flat	POA
1051047794	NLZPW06A	M6	Penny	POA
1051047795	NLZPW08A	M8	Penny	POA
1051047796	NLZPW10A	M10	Penny	POA

Order Code	Model No.	Size	Type	Pack Qty	Price - Pack 1 off
Brass					
1050152133	NLS4320BN	M4	Flat	100	£3.86
1050152134	NLS4320D	M6	Flat	50	£4.56
1050152135	NLS4320F	M8	Flat	50	£6.75
1050152136	NLS4320H	M10	Flat	50	£11.88

- Supplied in multiples of 10.

1 YR



NLZFW06A

NLZFW08A

NLZPW10A



Brass

Capping - Nails

NLSCN



- Fully hardened masonry nail fitted with a washer.
- Ideal for fixing any thin sheet material to solid surfaces.
- Pack of 100.

CE

Order Code	Model No.	Size (mm)	Price - Pack 1 off
1050152027	NLSCN	25	£5.13
1051091292	NLSCN35	35	£5.38

Wall Plugs

NLPLYEL



NLPLRED



NLPLBRO



- Material - HDPE.
- Fixes light/medium weight objects to any wall type.
- Pack of 100.

CE

For drill bits see page 289-290

Order Code	Model No.	Screw Size (No.)	Drill Diameter (mm)	Dimensions W x L (mm)	Price - Pack 1 off
1050151288	NLPLYEL	6	5.0	7.5 x 23	£2.92
1050151289	NLPLRED	6 & 8	5.5 - 6.0	7.5 x 32	£3.08
1050151290	NLPLBRO	10 & 12	7.0 - 8.0	8.5 x 38	£3.99

Nylon Wall Plugs - High Performance

NLPLH6



- Nylon Plug with 4 way expansion providing optimum force distribution.
- High load bearing capacity in solid and hollow building materials.
- Expansion free neck avoids damage to finished surface.
- Pronounced rim prevents plug slipping into drill hole.
- Ideal for installation in hollow building materials, aerated concrete and to bridge plaster.
- Pack of 50.

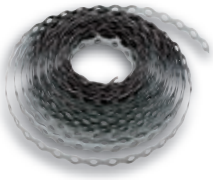
Order Code	Model No.	Screw Size	Drill Required	Dimensions	Price - Pack 1 off
1051058240	NLPLH6	4 - 5mm	6mm	6 x 30mm	£2.80
1051058241	NLPLH8	4.5 - 6mm	8mm	8 x 40mm	£3.46

All Round Band

NLARBC12A



NLARBU12A



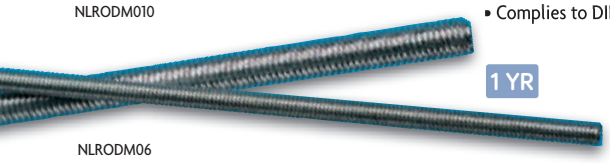
- Galvanised steel.
- Multi purpose banding used for general installation and maintenance.
- Available in either uncoated or PVC coated - black.
- Supplied in 10M coils.
- Other colours available upon request.

1 YR

Order Code	Model No.	Coated	Size (mm)	Price - Coil 1 off
1051015263	NLARBU12A	-	12	£12.52
1051015264	NLARBC12A	✔	12	£14.68
1051015266	NLARBC17A	✔	17	£18.46

Threaded Rod

NLRODM010



NLRODM06

- 3M length.
- Complies to DIN 975.

1 YR

Order Code	Model No.	Description	Price - Coil 1 off
1051116037	NLRODM06	M6 Threaded Rod	POA
1051116038	NLRODM08	M8 Threaded Rod	POA
1051116039	NLRODM10	M10 Threaded Rod	POA
1051116040	NLRODM12	M12 Threaded Rod	POA

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Lamp Calculation Data

Total Lamp Lumen / Circuit Power

Initial lumens are based on 100-hour measurements. Efficacy is calculated by dividing the 100-hour lumen output by the rated lamp power. Control gear losses are not taken into account. E.g. 13W TC-D 900 Ö 13 = 69 lm/W. For reflector lamps efficacy PAR lamps, use the equivalent rated non-reflector variant e.g. PAR 38 100W use A 60 (GLS) 100W, PAR 30 75W use QT32 75W and CDM-R 35W use CMI/CDM-TC 35W. Circuit power is shown for both magnetic (Cu/fe) and electronic ballasts (HF) where applicable - circuit watts for magnetic ballasts are shown in brackets. Data sources; CELMA, GE, Osram, Philips and Sylvania.

Tungsten Lamps

A (GLS)	25W	40W	60W	75W	100W	150W	200W	300W
Total Lamp Lumens (IL)	225	410	700	915	1330	2150	3080	4550
Total Circuit Power (W)	25	40	60	75	100	150	200	300
Efficacy (lm/W)	9	10	12	12	13	14	15	15

Tungsten Halogen Lamps - 240 volts

QT14 (satin)	40W	60W
Total Lamp Lumens (IL)	460	790
Total Circuit Power (W)	40	60
Efficacy (lm/W)	12	13

QT18 (clear)	75W	100W	150W	250W
Total Lamp Lumens (IL)	1100	1500	2500	4350
Total Circuit Power (W)	75	100	150	250
Efficacy (lm/W)	15	15	17	17

QT32 (clear)	75W	100W	150W	250W
Total Lamp Lumens (IL)	1100	1500	2500	4350
Total Circuit Power (W)	75	100	150	250
Efficacy (lm/W)	15	15	17	17

QT-DE12	100W	150W	200W	300W	500W	750W	1000W	1500W	2000W
Total Lamp Lumens (IL)	1600	2600	3000	5000	9500	15000	22000	33000	44000
Total Circuit Power (W)	100	150	200	300	500	750	1000	1500	2000
Efficacy (lm/W)	16	17	16	17	19	20	22	22	22

Tungsten Halogen Lamps - 12 volts

QT9 (LV)	5W	10W	20W
Total Lamp Lumens (IL)	60	140	350
Total Circuit Power (W)	5	10	20
Efficacy (lm/W)	12	14	18

QT12 (LV)	20W	35W	50W	75W	100W	175W
Total Lamp Lumens (IL)	300	600	950	1575	2200	4900
Total Circuit Power (W)	20	35	50	75	100	175
Efficacy (lm/W)	15	17	19	21	22	28

Compact Fluorescent Lamps

TC-DD (2D)	16W	28W	38W	55W
Total Lamp Lumens (IL)	1050	2250	3000	3900
Total Circuit Power (W)	17(23)	29(36)	38(45)	61
Efficacy (lm/W)	66	80	79	71

TC-S/SEL	5W	7W	9W	11W
Total Lamp Lumens (IL)	250	400	600	900
Total Circuit Power (W)	7(12)	9(14)	11(16)	14(18)
Efficacy (lm/W)	50	57	67	82

TC-D/DEL	10W	3W	18W	26W
Total Lamp Lumens (IL)	600	900	1200	1800
Total Circuit Power (W)	11(16)	14(19)	19(26)	27(34)
Efficacy (lm/W)	60	69	67	69

TC-T	13W	18W	26W	32W	42W	57W
Total Lamp Lumens (IL)	900	1200	1800	2400	3200	4300
Total Circuit Power (W)	14(19)	19(26)	27(34)	36	47	63
Efficacy (lm/W)	69	67	69	75	76	75

TC-L	18W	24W	36W	40W	55W
Total Lamp Lumens (IL)	1200	1800	2900	3500	4800
Total Circuit Power (W)	19(26)	25(32)	36(43)	45	61
Efficacy (lm/W)	67	75	81	88	87

TC-F	18W	24W	36W
Total Lamp Lumens (IL)	1100	1700	2800
Total Circuit Power (W)	19(26)	25(32)	36(43)
Efficacy (lm/W)	61	71	78

T5 Circular Lamps	22W	40W	55W
Total Lamp Lumens (IL)	1800	3200	4200
Total Circuit Power (W)	26	45	61
Efficacy (lm/W)	82	80	82

Compact Fluorescent Lamps
(Integral HF electronic gear)

Mini Lynx 2 limb	7W	11W	15W	20W
Total Lamp Lumens (IL)	400	600	900	1250
Total Circuit Power (W)	7	11	15	20
Efficacy (lm/W)	57	55	60	63

Micro-Lynx 3 limb	15W	20W	23W
Total Lamp Lumens (IL)	900	1250	1500
Total Circuit Power (W)	15	20	23
Efficacy (lm/W)	60	63	65

Mini Lynx F	7W
Total Lamp Lumens (IL)	220
Total Circuit Power (W)	7
Efficacy (lm/W)	31

Lamp Calculation Data

Total Lamp Lumen / Circuit Power

Linear Fluorescent Lamps

T5 Triphosphor (HE/FH)				14W	21W	28W	35W										
Total Lamp Lumens (IL)				1350	2100	2900	3650										
Total Circuit Power (W)				17	24	32	39										
Efficacy (lm/W)				96	100	104	104										
T5 Triphosphor (HO/FO)					24W		39W	49W	54W	80W							
Total Lamp Lumens (IL)					2000		3500	4900	5000	6130							
Total Circuit Power (W)					26		43	55	60	88							
Efficacy (lm/W)					83		90	100	93	77							
T5 Halophosphor	4W	6W	8W	13W													
Total Lamp Lumens (IL)	140	280	400	880													
Total Circuit Power (W)	6(11)	8(13)	11(15)	15(19)													
Efficacy (lm/W)	35	47	50	68													
T8 Triphosphor					18W	30W	36W		58W								
Total Lamp Lumens (IL)					1350	2300	3350		5200								
Total Circuit Power (W)					19(26)	31(38)	6(43)		55(67)								
Efficacy (lm/W)					75	77	93		90								
T8 Halophosphor					18W		36W		58W								
Total Lamp Lumens (IL)					1150		2850		4600								
Total Circuit Power (W)					19(26)		36(43)		55(67)								
Efficacy (lm/W)					64		79		79								

High Intensity Discharge (HID) lamps

QL (LMG-IHF)									85W				165W				
Total Lamp Lumens (IL)									6000				12000				
Total Circuit Power (W)									85				165				
Efficacy (lm/W)									71				73				
CDM-TC (CMI-TC/HIT-TC-CE)					20W		35W		70W								
Total Lamp Lumens (IL)					1650		3400		6200								
Total Circuit Power (W)					24		45(47)		80(82)								
Efficacy (lm/W)					83		97		89								
CDM-T (CMI-T/HIT-CE)							35W		70W				150W				
Total Lamp Lumens (IL)							3400		6200				13500				
Total Circuit Power (W)							45(47)		80(82)				162(170)				
Efficacy (lm/W)							97		89				90				
CDM-TT (HIT-CE)									70W				150W				
Total Lamp Lumens (IL)									6300				13500				
Total Circuit Power (W)									80(82)				162(170)				
Efficacy (lm/W)									90				90				
CDM-ET (HIE-CE)									70W				150W				
Total Lamp Lumens (IL)									5900				13000				
Total Circuit Power (W)									80(82)				162(170)				
Efficacy (lm/W)									84				87				
CDM-TD (CMI-TD/HIT-DE-CE)									70W				150W				
Total Lamp Lumens (IL)									6200				13000				
Total Circuit Power (W)									80(82)				162(170)				
Efficacy (lm/W)									89				87				
HQI-T (HSI-T/HIT-UVr)							35W		70W				150W	250W	400W		
Total Lamp Lumens (IL)							2400		5200				12000	21000	40000		
Total Circuit Power (W)							45(47)		80(82)				162(170)	(284)	(430)		
Efficacy (lm/W)							69		74				80	84	100		
HQI-TS (HSI-TD/HIT-DE)									70W		100W		150W	250W	400W		
Total Lamp Lumens (IL)									5500		8400		13000	20000	32000		
Total Circuit Power (W)									80(82)		(114)		162(170)	(284)	(430)		
Efficacy (lm/W)									79		84		87	80	80		
Metalarc (HSI-MP/HIE-P)									75W		100W		150W				
Total Lamp Lumens (IL)									5200		7900		12500				
Total Circuit Power (W)									(97)		(114)		(170)				
Efficacy (lm/W)									69		79		83				
SDW-TG (HSI-CRI)									70W								
Total Lamp Lumens (IL)									4800								
Total Circuit Power (W)									115								
Efficacy (lm/W)									48								
SDW-T (HSI-CRI)											100W						
Total Lamp Lumens (IL)											5000						
Total Circuit Power (W)											115						
Efficacy (lm/W)											50						
SON-T (SHP-TS/HST-MF)								50W	70W		100W		150W	250W	400W		
Total Lamp Lumens (IL)								4400	6000		10000		14500	28000	48000		
Total Circuit Power (W)								(62)	(82)		(114)		(170)	(284)	(434)		
Efficacy (lm/W)								88	86		100		97	112	120		
SON (SHP-S/HSE-I/E)								50W	70W								
Total Lamp Lumens (IL)								3300	5800								
Total Circuit Power (W)								(62)	(82)								
Efficacy (lm/W)								66	83								
NAV-TS (HST-DE)									70W				150W				
Total Lamp Lumens (IL)									6800				15000				
Total Circuit Power (W)									(82)				(170)				
Efficacy (lm/W)									97				100				
MBF/U (HSL-SC/HME)								50W		80W	125W			250W	400W		
Total Lamp Lumens (IL)								2000		4000	6500			13000	22000		
Total Circuit Power (W)								59		(91)	(137)			(270)	(420)		
Efficacy (lm/W)								40		50	52			52	55		

Calculation for Number of Occupancy Detectors vs Number of Ballasts

In practice, the number of ballasts does directly affect the number of detectors in an inversely proportional way. This is the calculation to determine the maximum number of detectors versus ballasts (where L = number of luminaires).

180-(L*2)/14
(answers must be rounded down to nearest whole)

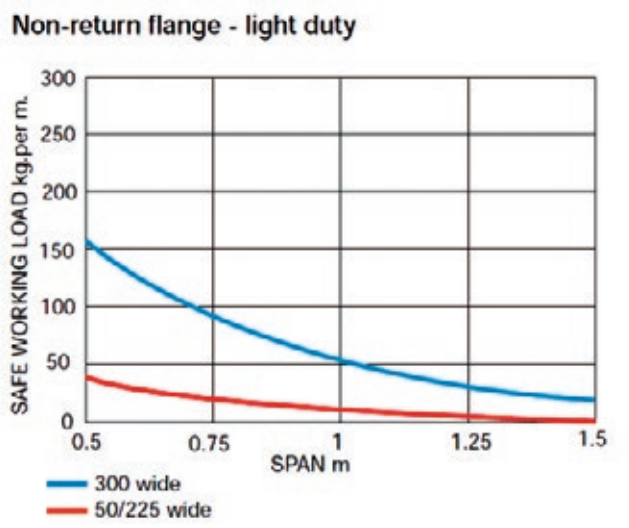
Worked Example

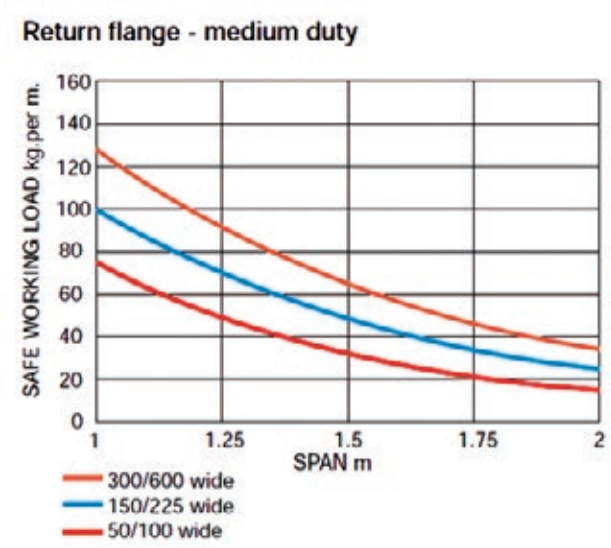
For example 20 ballasts x 2 = 40
180 - 40 = 140
140/14 = 10
Max 10 detectors for 20 ballasts

Cable Tray Systems

Cable tray systems - Loading graphs

Safe working loads are represented graphically as shown and are based on the cable tray being continuous over four spans or more. Deflection has been limited to SPAN/200 generally, based on the end span condition as the worst case. Deflection will be less than this on internal spans. However, on wider trays, additional deflection will be induced locally across the base of the tray, depending on the width of the tray and the load distribution across the width. This will not be detrimental to the structural performance of the tray but may need consideration if appearance is of prime importance.





Pre galvanised manufactured from steel complying with BS EN 10346 continuously hot-dip coated steel flat products. Cable Tray Systems generally conform to BS EN 61537:2007 Cable management systems. Information relating to compliance is detailed within the following sections of the standard:

6 Classification

6.2 According to resistance to flame propagation

6.2.2 Cable tray systems are non-flame propagating system components

6.5 According to resistance against corrosion

Class 3 Pre - galvanised to grade 275 to EN 10327 and EN 10326 Minimum coating 15µm

6.6 According to temperature

6.6.1 Minimum temperature for the system components is -50°C
6.6.2 Maximum temperature for the system components is +60°C

8 Dimensions

Minimal internal radius of fittings available for the accommodation of cables is 125mm.

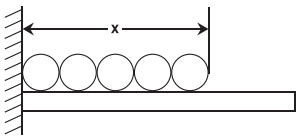
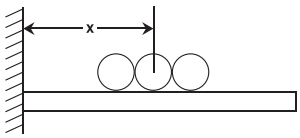
9 Construction

9.2 As with all metallic system components, care should be exercised that handling is in accordance with the relative COSHH regulations and gloves should be worn.

9.3 Screwed connections have been designed to withstand the mechanical stresses occurring during installations and normal use and will not cause damage to cables when correctly inserted. Screwed connections are in general ISO metric threads fully compliant to tests in accordance with 9.3.1 and 9.3.2 of the standard. Cable tray systems are usually assembled using M6 roofing bolts particularly for couplers, fishplates and connection to supporting framework. These bolts should be tightened to a torque of 12N/m.

Channel - Cantilever Arm Loading Specification

Recommended safe loads (kg) for arm bolted to 2.5mm thick channel (M12 bolt torque 60Nm)

X (mm)	Total Uniformly Distributed Load 	Concentrated Load 
100	684	542
150	680	377
200	542	283
250	452	226
300	377	188
350	323	162
400	283	141
450	251	126
500	226	113
550	206	103
600	188	94

NB. Arms have been independently tested (M12 bolt torque 65 Nm). Tabulated safe loads satisfy minimum factor of safety of 3 on continuous slip and limited design stresses in channel arms and their fixings.

Wire Basket Systems

Order Code	Model No.	Description	Depth (mm)	Width (mm)	Length (mm)	Rod Diameter Size	Mesh Grid Size	Loading Values (kg/m) 1.5m Support Distance	Corrosion Resistance	Safety Edge	Thread Size	For Conduit Size
1051013087	NLWB35100	Wire Basket Tray Shallow Depth 35x100 3M	35	100	3000	4.0	100x50	27	Class 5	Yes		
1051013088	NLWB35150	Wire Basket Tray Shallow Depth 35x150 3M	35	150	3000	4.5	100x50	27	Class 5	Yes		
1051013089	NLWB35300	Wire Basket Tray Shallow Depth 35x300 3M	35	300	3000	4.5	100x50	28	Class 5	Yes		
1051013090	NLWB60100	Wire Basket Tray Standard Depth 60x100 3M	60	100	3000	4.0	100x50	47	Class 5	Yes		
1051013091	NLWB60150	Wire Basket Tray Standard Depth 60x150 3M	60	150	3000	4.5	100x50	48	Class 5	Yes		
1051013092	NLWB60200	Wire Basket Tray Standard Depth 60x200 3M	60	200	3000	4.5	100x50	48	Class 5	Yes		
1051013093	NLWB60300	Wire Basket Tray Standard Depth 60x300 3M	60	300	3000	5.0	100x50	75	Class 5	Yes		
1051013097	NLWBCGB	Wire Basket Conduit Gland Bracket		70	100				Class 5			PG13 M20 ø21 PG16 M20 ø23 PG21 M25 ø29
1051013098	NLWBCHPM8	Wire Basket Central Hanging Plate M8/M10		35	59				Class 5			
1051013095	NLWBFFC	Wire Basket 'Fast Fit' Connector		24	240				Class 5			
1051013094	NLWBMUB	Wire Basket Mini Universal Bracket PG		65	87				Class 5			
1051013096	NLWBRJC	Wire Basket Reinforced Joint Clamp	23	20	23				Class 5		6mm	
1051013099	NLWBSP	Wire Basket Splice Plate		22	300				Class 5			

Gland & Cleat Selector Chart

Conductor Size (mm^2)*	No. of cores	XLPE/PVC/SWA to BS5467		LSF/LSF/SWA to BS6724		Telecleats	Cable Cleats
		Indoor - BW	Outdoor - CW	Indoor - BW	Outdoor - CW		
1.5	2	NL20SBWN	NL20SCWN	NL20SBWLSFN	NL20SCWLSFN	NL38501	NLCC5
	3						
	4						NLCC6
	7					NL38502	
	12	NL20BWN	NL25CWN	NL20BWLSFN	NL20CWLSFN	NL38504	NLCC8
	19	NL25BWN		NL25BWLSFN	NL25CWLSFN		NLCC9
	27	NL32BWN	NL32CWN		NL32CWLSFN	NL38505	NLCC11
	37			NL32BWLSFN		NL38506	NLCC12
2.5	2	NL20SBWN	NL20SCWN	NL20SBWLSFN	NL20SCWLSFN	NL38501	NLCC6
	3					NL38502	
	4						
	7	NL20BWN	NL20CWN	NL20BWLSFN	NL20CWLSFN	NL38503	NLCC8
	12	NL25BWN	NL25CWN	NL25BWLSFN	NL25CWLSFN	NL38504	NLCC9
	19		NL32CWN		NL32CWLSFN	NL38505	NLCC11
	27	NL32BWN		NL32BWLSFN		NL38506	NLCC14
	37		NL40CWN		NL40CWLSFN		
4	2	NL20SBWN	NL20SCWN	NL20SBWLSFN	NL20SCWLSFN	NL38502	NLCC6
	3				NL20CWLSFN		NLCC7
	4	NL20BWN	NL20CWN	NL20BWLSFN		NL38503	
6	2	NL20SBWN	NL20CWN	NL20BWLSFN	NL20CWLSFN	NL38502	NLCC7
	3	NL20BWN				NL38503	NLCC8
	4						
10	2	NL20BWN	NL20CWN	NL20BNLSFN	NL25CWLSFN	NL38503	NLCC8
	3			NL25BNLSFN		NL38504	NLCC9
	4	NL25BWN	NL25CWN				NLCC10
16	2	NL20BWN	NL25CWN	NL25BWLSFN	NL25CWLSFN	NL38504	NLCC8
	3	NL25BWN					NLCC9
	4				NL32CWLSFN	NL38505	NLCC10
25	2	NL25BWN	NL25CWN	NL25BWLSFN	NL25CWLSFN	NL38504	NLCC10
	3		NL32CWN		NL32CWLSFN	NL38505	NLCC11
	4	NL32BWN		NL32BWLSFN		NL38506	NLCC12
35	2	NL32BWN	NL32CWN	NL32BWLSFN	NL32CWLSFN	NL38505	NLCC12
	3					NL38506	
	4						NLCC14
50	2	NL25BWN	NL25CWN	NL25BWLSFN	NL25CWLSFN	NL38505	NLCC11
	3	NL32BWN	NL32CWN	NL32BWLSFN	NL32CWLSFN	NL38506	NLCC12
	4						NLCC14
70	2	NL32BWN	NL32CWN	NL32BWLSFN	NL32CWLSFN	NL38506	NLCC12
	3						NLCC14
	4	NL40BWN	NL40CWN	NL40BWLSFN	NL40CWLSFN	NL38507	
95	2	NL32BWN	NL32CWN	NL32BWLSFN	NL32CWLSFN	NL38506	NLCC14
	3	NL40BWN	NL40CWN	NL40BWLSFN	NL40CWLSFN	NL38507	NLCC16
	4		NL50SCWN		NL50SCWLSFN	NL38508	
120	2	NL40BWN	NL40CWN	NL40BWLSFN	NL40CWLSFN	NL38507	NLCC16
	3		NL50SCWN		NL50SCWLSFN		
	4	NL50SBWN	NL50CWN	NL50SBWLSFN	NL50CWLSFN	NL38508	
150	2	NL40BWN	NL40CWN	NL40BWLSFN	NL40CWLSFN	NL38507	
	3	NL50SBWN	NL50SCWN	NL50SBWLSFN	NL50SCWLSFN	NL38508	
	4	NL50BWN	NL50CWN	NL50BWLSFN	NL50CWLSFN		
185	2	NL50SBWN	NL50SCWN	NL50SBWLSFN	NL50SCWLSFN	NL38508	
	3	NL50SBWN	NL50CWN		NL50CWLSFN		
	4	NL63BWN	NL63CWN	NL63BWLSFN			
240	2	NL50SBWN	NL50CWN	NL50SBWLSFN	NL50CWLSFN	NL38508	
	3	NL50BWN	NL63CWN	NL50BWLSFN			
	4	NL63BWN		NL63BWLSFN			
300	2	NL50BWN	NL63CWN	NL50BWLSFN		NL38508	
	3	NL63BWN		NL63BWLSFN			
	4						
400	2	NL63BWN	NL63CWN	NL63BWLSFN			
	3						
	4						

* Cable dimensions based on cable standards stated in column headers.

Cable Junction Boxes - Capacity Guide

ORDER CODE	MODEL NO.	TERMINALS	CONDUCTOR CAPACITY PER POLE
1000016008 1051086726	NL9025 NL9025B	5 pole terminal block	6 x 1.5mm² Solid 4 x 2.5mm² Solid 3 x 4mm² Solid
1050151877	NL9041	10 pole terminal block	2 x 1.5mm² Stranded 2 x 2.5mm² Solid/Stranded 2 x 4mm² Stranded/Solid with/without Ferrule
1000016009 1051086727	NL9045 NL9045B	5 pole terminal block	6 x 1.5mm² Solid 4 x 2.5mm² Solid 3 x 4mm² Solid 2 x 6mm² Solid
1000016010 1051086728	NL9065 NL9065B	5 pole terminal block	4 x 2.5mm² Solid 4 x 4mm² Solid 3 x 6mm² Solid 2 x 10mm² Solid
1000009021 1051086729	NL9105 NL9105B	5 pole terminal block	6 x 2.5mm² Solid 4 x 4mm² Solid 4 x 6mm² Solid 4 x 10mm² Solid 2 x 16mm² Stranded

ORDER CODE	MODEL NO.	TERMINALS	CONDUCTOR CAPACITY PER POLE
1050151876	NL9145	5 pole terminal block	6 x 1.5mm² Solid 4 x 2.5mm² Solid 3 x 4mm² Solid 2 x 6mm² Solid
1000019022	NL9255	5 pole terminal block	6 x 6mm² Solid 6 x 10mm² Solid 4 x 16mm² Stranded 4 x 25mm² Stranded 2 x 35mm² Stranded
1000009020	NL9325	5 pole terminal block	6 x 1.5mm² Solid 4 x 2.5mm² Solid 3 x 4mm² Solid
1051011557	NL9355	5 pole terminal block	6 x 16mm² Stranded 4 x 25mm² Stranded 4 x 35mm² Stranded 4 x 50mm² Stranded

Ingress Protection (IP) Rating Guide

First Digit	Protection Against Solid Bodies	Second Digit	Protection Against Water
0	No protection	0	No protection
1	Objects greater than 50mm, accidental touch by hands	1	Protected against vertically falling drops of water
2	Objects greater than 12mm, accidental touch by fingers	2	Protected against direct sprays of water up to 15° from vertical
3	Objects greater than 2.5mm, e.g. tools/wires	3	Protected against sprays of water up to 60° from vertical
4	Objects greater than 1mm, e.g. tools/wires/small wires	4	Protected against water sprayed from all directions - limited ingress permitted
5	Protected against dust - limited ingress (no harmful deposits)	5	Protected against low pressure jets of water from all directions - limited ingress permitted
6	Totally protected against dust (Dust-tight)	6	Protected against strong pressure jets of water, heavy seas– limited ingress permitted
		7	Protection against the effects of immersion between 15cm - 1m
		8	Protection against immersion under an agreed pressure for an agreed time (4 bar for 30 minutes)

Cable Joint Kit Selection Chart

Straight Joints 2, 3 or 4 Core Cable XLPE/SWA with Mechanical Connectors

Size mm²	2.5	4	6	10	16	25	35	50	70	95	120	150	185
2.5	0	0	0	1	1	2	3	3	3	3	4	5	5
4	0	0	0	1	1	2	3	3	3	3	4	5	5
6	0	0	0	1	1	2	3	3	3	3	4	5	5
10	1	1	1	1	1	2	3	3	3	3	4	5	5
16	1	1	1	1	1	2	3	3	3	3	4	5	5
25	2	2	2	2	2	2	3	3	3	3	4	5	5
35	3	3	3	3	3	3	3	3	3	3	4	5	5
50	3	3	3	3	3	3	3	3	3	3	4	5	5
70	3	3	3	3	3	3	3	3	3	3	4	5	5
95	3	3	3	3	3	3	3	3	3	3	4	5	5
120	4	4	4	4	4	4	4	4	4	4	4	5	5
150	5	5	5	5	5	5	5	5	5	5	5	5	5
185	5	5	5	5	5	5	5	5	5	5	5	5	5

Branch Joints (Uncut Main) 2, 3 or 4 Core Cable XLPE/SWA with Mechanical Connectors

	Branch Cable					
Main Cable	Size mm²	2.5	4	6	10	16
	2.5	NLUBCJ00				
	4	NLUBCJ00	NLUBCJ00			
	6	NLUBCJ00	NLUBCJ00	NLUBCJ00		
	10	NLUBCJ1	NLUBCJ1	NLUBCJ1	NLUBCJ1	NLUBCJ1
	16	NLUBCJ1	NLUBCJ1	NLUBCJ1	NLUBCJ1	NLUBCJ1

Key	
0 =	NLISCJ0
1 =	NLISCJ1
2 =	NLUSCJ2
3 =	NLUSCJ3
4 =	NLUSCJ4
5 =	NLUSCJ5

Dimmer Switch Specification Table

Operation and Performance								Lamp Suitability									
Newlec Model No.	Min Power	Max Power	Push On/ Push Off	Rotary Dimming	Leading Edge	Trailing Edge	Mounting Depth	Mains Halogen Suitability	Mains Halogen Derating Required	Low Voltage	Dimmable CFL*	Dimmable LED*	2 Way Dimming	2 Way Switching	Manufactured to	Gang	Plate
NL1151N	60W/60VA, 7W LED, 25W CFL	400W/400VA, 44W LED, 40W CFL	Y	Y	Y	N	16mm	Y	N	Y	Y	Y	N	Y	BSEN60669-2-1, BSEN50082-1(EMC), BSEN55014	1	Single
NL1152N	2 X 60W/60VA, 7W LED, 25W CFL	2 X 400W/400VA 44W LED, 50W CFL	Y	Y	Y	N	16mm	Y	N	Y	Y	Y	N	Y	BSEN60669-2-1, BSEN50082-1(EMC), BSEN55014	2	Single
NL1161N	150W/150VA, 11W LED, 25W CFL	1000W/700VA 50W LED, 60W CFL	Y	Y	Y	N	25mm	Y	N	Y	Y	Y	N	Y	BSEN60669-2-1, BSEN50082-1(EMC), BSEN55014	1	Single
NL8806W/ NL8806B	5W LED, 5W CFL	250W LED 250W CFL	Y	Y	Y	Y	35mm	N	N/A	N	Y	Y	N	Y	BSEN60669-2-1, BSEN50082-1(EMC), BSEN55014	1	1 Grid Space
NL8807W/ NL8807B	40W/40VA 11W LED, 11W CFL	500W, 400VA 50W LED, 66W CFL	Y	Y	Y	N	35mm	Y	N	Y	Y	Y	N	Y	BSEN60669-2-1, BSEN50082-1(EMC), BSEN55014	1	1 Grid Space
NL8808W/ NL8808B	MIN 1 BALLAST/ LED DRIVER	MAX 70 BALLASTS/ LED DRIVERS	Y	Y	N	N	35mm	N	N/A	N	N	0-10V Drivers	N	Y	BSEN60669-2-1, BSEN50082-1(EMC), BSEN55014	1	1 Grid Space
NL1031N	60W	250W		Y	Y	N	16mm	Y	N	N	Y	Y	N	Y	BSEN60669-2-1	1	Single
NL1032N	60W	250W		Y	Y	N	16mm	Y	N	N	Y	Y	N	Y	BSEN60669-2-1	2	Single
NL1131N	60W	250W	Y		Y	N	25mm	Y	N	N	Y	Y	N	Y	BSEN60669-2-1	1	Single
NL1132N	60W	250W	Y		Y	N	25mm	Y	N	N	Y	Y	N	Y	BSEN60669-2-1	2	Single
NL1141N	60W	400W	Y		Y	N	25mm	Y	N	N	Y	Y	N	Y	BSEN60669-2-1	1	Single
NL5341N	60VA	250VA	Y		Y	N	25mm	N	N/A	Y	N	N	N	Y	BSEN60669-2-1	1	Single
NLSL8305/12	60W	400W	Y		Y	N	25mm	Y	N	N	N	N	N	Y	BSEN60669-2-1	1	Single
NLSL8305/22	60W	250W	Y		Y	N	25mm	Y	N	N	N	N	N	Y	BSEN60669-2-1	2	Single

*Whilst the dimmer switches stated above have been indicated to control dimmable CFL and LED lamps the light levels achieved from this light source will not match that of an incandescent or tungsten halogen light source. Due to the wide range of lamps available on the market, compatibility with every type of lamp is not possible so care should always be taken when attempting to control dimmable CFLs and LEDs.

Note

Always check with the lamp manufacturers instructions when wanting to dim dimmable CFL and dimmable LED light sources. Installations must satisfy the minimum load on the dimmer being used and in line with any specific requirements or maximum number of lamps suitable for dimming with any one dimmer.

Non dimmable CFL's and LED lamps should not be used with any of these dimmer switches.

Maximum load of the LV dimmer should be the total of the marked wattages of the transformers being used and not the total wattage of the lamps being used.

VDE Certification

What is VDE certification?

The VDE Testing and Certification Institute is a nationally and internationally accredited institution in the field of testing and certification of electrical engineering devices, components and systems. These electrical products are tested for safety, electromagnetic compatibility and other product properties.

VDE-GS Mark

Technical working equipment and consumable materials subject to the applicable device and product safety laws bear the VDE-GS mark, which stands for the safety of the product with regard to electrical, mechanical, thermal, toxicological, radiological and other dangers. In addition, tools with the VDE-GS mark conform to the VDE regulations or European or internationally harmonised standards, i.e. they confirm the compliance with the safety requirements of the respective guidelines.

Double triangle and voltage range

AC 1000V

Insulated tools or aids are marked with the symbol of the double triangle and the assigned voltage or voltage range specification or the class, they are suitable for working on energised parts at the stated voltage.

IEC 60900:2004

An international standard which, among other things, describes the design of insulated tools in detail. For example, the thickness of the protective insulation is specified. In addition, the standard defines individual tests (piece tests) as well as series and random sample tests for checking the electrical safety of the protective insulation.

Safety test method according to IEC using the example of a pair of Newlec VDE pliers



Voltage test (piece test)

Newlec VDE tools are tested individually. All tools with the special marking were tested with 10000V AC and are therefore approved for 1000V AC (and 1500V DC).



Testing the electrical insulating properties

The tools are stored in water for 24 hours. Then they are tested at 10000V AC for three minutes. No sparkover or disruptive discharge may occur through the insulation.



Pressure tests

No disruptive discharge may occur at a pressure load of 20N, a temperature of 70°C and a test voltage of 5000V AC.



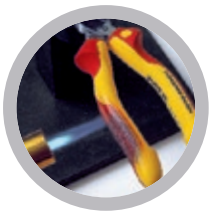
Cold shock test

The tools are cooled down to -25°C. The insulating material must retain its durability in the process so that it does not break when subjected to impacts and jolts.



Testing the adhesion of the insulating material coating

The adhesion is tested with a tensile force of 500N following storage for 168 hours at 700°C. When doing so, the insulating material must continue to be firmly bonded to the tool.



Testing the combustion behaviour

A flame is pointed at the tool for ten seconds.
The insulating material must be self extinguishing.

Technical Information

The tables below show which electric heater in KWatts is best suited for the area you are looking to heat. All you need to use this guide is the floor area and outside wall length to calculate your heaters. We assume a standard ceiling height of 2.4M and the following 'U' values:- ext walls 1.50, floors 0.75, roof insulation 0.31 and glazed areas 2.90. Over 2.6kW and you may need two heaters. We accept no responsibility for any heaters sized incorrectly while using this guide. It is the customers responsibility to confirm the 'U' values are suitable for use or supply alternative values.

Electric Radiators

Floor Area M²	Temp to Obtain °C	TOTAL LENGTH OF OUTSIDE WALL (M)											
		1.5M	2M	3M	4M	5M	6M	7M	8M	9M	10M	11M	12M
Up to 3M²	21°C	0.50	0.50	0.75	0.75	0.75	1.00	-	-	-	-	-	-
	18°C	**0.50**	**0.50**	**0.50**	**0.75**	**0.75**	**1.00**	**-**	**-**	**-**	**-**	**-**	**-**
Up to 6M²	21°C	0.50	0.75	0.75	1.00	1.00	1.00	1.25	1.25	-	-	-	-
	18°C	**0.50**	**0.50**	**0.75**	**0.75**	**0.75**	**1.00**	**1.25**	**1.25**	**-**	**-**	**-**	**-**
Up to 9M²	21°C	0.75	0.75	1.00	1.00	1.00	1.25	1.25	1.50	1.50	2.00	-	-
	18°C	**0.75**	**0.75**	**0.75**	**1.00**	**1.00**	**1.00**	**1.25**	**1.25**	**1.50**	**1.50**	**-**	**-**
Up to 12M²	21°C	0.75	1.00	1.00	1.00	1.25	1.50	1.50	1.50	2.00	2.00	2.00	2.00
	18°C	**0.75**	**0.75**	**1.00**	**1.00**	**1.25**	**1.25**	**1.25**	**1.50**	**1.50**	**2.00**	**2.00**	**2.00**
Up to 15M²	21°C	1.00	1.00	1.25	1.25	1.50	1.50	1.50	2.00	2.00	2.00	2.00	2.25
	18°C	**1.00**	**1.00**	**1.00**	**1.25**	**1.25**	**1.25**	**1.50**	**1.50**	**1.50**	**2.00**	**2.00**	**2.00**
Up to 18M²	21°C	1.00	1.25	1.25	1.50	1.50	1.50	2.00	2.00	2.00	2.00	2.25	2.25
	18°C	**1.00**	**1.00**	**1.25**	**1.25**	**1.25**	**1.50**	**1.50**	**1.50**	**2.00**	**2.00**	**2.00**	**2.00**
Up to 21M²	21°C	1.25	1.25	1.50	1.50	1.50	2.00	2.00	2.00	2.00	2.25	2.25	2.50
	18°C	**1.00**	**1.00**	**1.25**	**1.50**	**1.50**	**1.50**	**2.00**	**2.00**	**2.00**	**2.00**	**2.00**	**2.00**
Up to 24M²	21°C	1.25	1.50	1.50	1.50	2.00	2.00	2.00	2.00	2.25	2.50	2.50	2.50
	18°C	**1.25**	**1.25**	**1.50**	**1.50**	**1.50**	**2.00**	**2.00**	**2.00**	**2.00**	**2.00**	**2.25**	**2.25**
Up to 27M²	21°C	1.50	1.50	2.00	2.00	2.00	2.00	2.00	2.25	2.50	2.50	2.50	2.75
	18°C	**1.25**	**1.50**	**1.50**	**1.50**	**2.00**	**2.00**	**2.00**	**2.00**	**2.00**	**2.25**	**2.25**	**2.50**
Up to 30M²	21°C	1.50	2.00	2.00	2.00	2.00	2.25	2.25	2.50	2.50	2.75	2.75	3.00
	18°C	**1.50**	**1.50**	**2.00**	**2.00**	**2.00**	**2.00**	**2.00**	**2.00**	**2.25**	**2.50**	**2.50**	**2.50**

Storage Heaters

Floor Area M²	Temp to Obtain °C	TOTAL LENGTH OF OUTSIDE WALL (M)											
		1.5M	2M	3M	4M	5M	6M	7M	8M	9M	10M	11M	12M
Up to 3M²	21°C	0.85	1.70	1.70	1.70	1.70	2.55	-	-	-	-	-	-
	18°C	**0.85**	**0.85**	**1.70**	**1.70**	**1.70**	**2.55**	**-**	**-**	**-**	**-**	**-**	**-**
Up to 6M²	21°C	1.70	1.70	1.70	2.55	2.55	2.55	3.40	3.40	-	-	-	-
	18°C	**1.70**	**1.70**	**1.70**	**1.70**	**2.55**	**2.55**	**2.55**	**2.55**	**-**	**-**	**-**	**-**
Up to 9M²	21°C	1.70	1.70	2.55	2.55	2.55	2.55	3.40	3.40	3.40	3.40	-	-
	18°C	**1.70**	**1.70**	**1.70**	**2.55**	**2.55**	**2.55**	**2.55**	**2.55**	**3.40**	**3.40**	**-**	**-**
Up to 12M²	21°C	2.55	2.55	2.55	2.55	3.40	3.40	3.40	3.40	4.25	4.25	4.25	4.25
	18°C	**1.70**	**1.70**	**2.55**	**2.55**	**2.55**	**2.55**	**3.40**	**3.40**	**3.40**	**3.40**	**3.40**	**4.25**
Up to 15M²	21°C	2.55	2.55	2.55	3.40	3.40	3.40	3.40	4.25	4.25	4.25	4.25	5.10
	18°C	**2.55**	**2.55**	**2.55**	**2.55**	**3.40**	**3.40**	**3.40**	**3.40**	**4.25**	**4.25**	**4.25**	**4.25**
Up to 18M²	21°C	2.55	3.40	3.40	3.40	3.40	4.25	4.25	4.25	4.25	5.10	5.10	5.10
	18°C	**2.55**	**2.55**	**3.40**	**3.40**	**3.40**	**3.40**	**4.25**	**4.25**	**4.25**	**4.25**	**4.25**	**5.10**
Up to 21M²	21°C	3.40	3.40	3.40	3.40	4.25	4.25	4.25	4.25	5.10	5.10	5.10	5.10
	18°C	**2.55**	**3.40**	**3.40**	**3.40**	**3.40**	**3.40**	**4.25**	**4.25**	**4.25**	**4.25**	**4.25**	**5.10**
Up to 24M²	21°C	3.40	3.40	4.25	4.25	4.25	4.25	5.10	5.10	5.10	5.10	5.95	5.95
	18°C	**3.40**	**3.40**	**3.40**	**3.40**	**4.25**	**4.25**	**4.25**	**4.25**	**4.25**	**5.10**	**5.10**	**5.10**
Up to 27M²	21°C	4.25	4.25	4.25	4.25	4.25	5.10	5.10	5.10	5.10	5.95	5.95	5.95
	18°C	**3.40**	**3.40**	**3.40**	**4.25**	**4.25**	**4.25**	**4.25**	**4.25**	**5.10**	**5.10**	**5.10**	**5.10**
Up to 30M²	21°C	4.25	4.25	4.25	5.10	5.10	5.10	5.10	5.95	5.95	5.95	5.95	6.80
	18°C	**4.25**	**4.25**	**4.25**	**4.25**	**4.25**	**4.25**	**5.10**	**5.10**	**5.10**	**5.10**	**5.10**	**5.95**

Note: These charts are to be used as guides only, for a more accurate guide we would need more information including your actual 'U' values.

Energy Efficient Storage Heaters

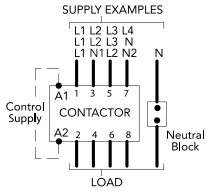
Floor Area M²	Temp to Obtain °C	TOTAL LENGTH OF OUTSIDE WALL (M)											
		1.5M	2M	3M	4M	5M	6M	7M	8M	9M	10M	11M	12M
Up to 3M²	21°C	0.975	0.975	1.30	1.95	1.95	1.95	-	-	-	-	-	-
	18°C	**0.975**	**0.975**	**1.30**	**1.30**	**1.95**	**1.95**	**-**	**-**	**-**	**-**	**-**	**-**
Up to 6M²	21°C	1.30	1.30	1.95	1.95	1.95	2.60	2.60	2.60	-	-	-	-
	18°C	**0.975**	**1.30**	**1.30**	**1.95**	**1.95**	**1.95**	**2.60**	**2.60**	**-**	**-**	**-**	**-**
Up to 9M²	21°C	1.95	1.95	1.95	2.60	2.60	2.60	3.25	3.25	3.25	3.90	-	-
	18°C	**1.30**	**1.30**	**1.95**	**1.95**	**1.95**	**2.60**	**2.60**	**2.60**	**3.25**	**3.25**	**-**	**-**
Up to 12M²	21°C	1.95	1.95	2.60	2.60	2.60	3.25	3.25	3.90	3.90	3.90	4.55	4.55
	18°C	**1.95**	**1.95**	**1.95**	**2.60**	**2.60**	**2.60**	**3.25**	**3.25**	**3.25**	**3.90**	**3.90**	**3.90**
Up to 15M²	21°C	2.60	2.60	2.60	3.25	3.25	3.25	3.90	3.90	3.90	4.55	4.55	4.55
	18°C	**1.95**	**1.95**	**2.60**	**2.60**	**2.60**	**3.25**	**3.25**	**3.25**	**3.90**	**3.90**	**3.90**	**4.55**
Up to 18M²	21°C	2.60	2.60	3.25	3.25	3.25	3.90	3.90	3.90	4.55	4.55	5.20	5.20
	18°C	**1.95**	**2.60**	**2.60**	**2.60**	**3.25**	**3.25**	**3.25**	**3.90**	**3.90**	**3.90**	**4.55**	**4.55**
Up to 21M²	21°C	3.25	3.25	3.25	3.90	3.90	3.90	4.55	4.55	4.55	5.20	5.20	5.20
	18°C	**2.60**	**2.60**	**2.60**	**3.25**	**3.25**	**3.25**	**3.90**	**3.90**	**3.90**	**4.55**	**4.55**	**4.55**
Up to 24M²	21°C	3.25	3.25	3.90	3.90	3.90	4.55	4.55	5.20	5.20	5.20	5.20	5.20
	18°C	**2.60**	**2.60**	**3.25**	**3.25**	**3.25**	**3.90**	**3.90**	**4.55**	**4.55**	**4.55**	**4.55**	**5.20**
Up to 27M²	21°C	3.90	3.90	3.90	4.55	4.55	4.55	5.20	5.20	5.20	5.20	5.20	5.85
	18°C	**3.25**	**3.25**	**3.25**	**3.25**	**3.90**	**3.90**	**3.90**	**4.55**	**4.55**	**4.55**	**4.55**	**5.20**
Up to 30M²	21°C	3.90	3.90	3.90	4.55	5.20	5.20	5.20	5.20	5.85	5.85	5.85	7.02
	18°C	**3.25**	**3.25**	**3.25**	**3.90**	**3.90**	**4.55**	**4.55**	**4.55**	**5.20**	**5.20**	**5.20**	**5.85**

Panel Heaters

Floor Area M²	Temp to Obtain °C	TOTAL LENGTH OF OUTSIDE WALL (M)											
		1.5M	2M	3M	4M	5M	6M	7M	8M	9M	10M	11M	12M
Up to 3M²	21°C	0.50	0.50	0.75	0.75	0.75	1.00	-	-	-	-	-	-
	18°C	**0.50**	**0.50**	**0.50**	**0.75**	**0.75**	**1.00**	**-**	**-**	**-**	**-**	**-**	**-**
Up to 6M²	21°C	0.50	0.75	0.75	1.00	1.00	1.00	1.25	1.25	-	-	-	-
	18°C	**0.50**	**0.50**	**0.75**	**0.75**	**0.75**	**1.00**	**1.25**	**1.25**	**-**	**-**	**-**	**-**
Up to 9M²	21°C	0.75	0.75	1.00	1.00	1.00	1.25	1.25	1.50	1.50	2.00	-	-
	18°C	**0.75**	**0.75**	**0.75**	**1.00**	**1.00**	**1.00**	**1.25**	**1.25**	**1.50**	**1.50**	**-**	**-**
Up to 12M²	21°C	0.75	1.00	1.00	1.00	1.25	1.50	1.50	1.50	2.00	2.00	2.00	2.00
	18°C	**0.75**	**0.75**	**1.00**	**1.00**	**1.25**	**1.25**	**1.25**	**1.50**	**1.50**	**2.00**	**2.00**	**2.00**
Up to 15M²	21°C	1.00	1.00	1.25	1.25	1.50	1.50	1.50	2.00	2.00	2.00	2.00	2.25
	18°C	**1.00**	**1.00**	**1.00**	**1.25**	**1.25**	**1.25**	**1.50**	**1.50**	**1.50**	**2.00**	**2.00**	**2.00**
Up to 18M²	21°C	1.00	1.25	1.25	1.50	1.50	1.50	2.00	2.00	2.00	2.00	2.25	2.25
	18°C	**1.00**	**1.00**	**1.25**	**1.25**	**1.25**	**1.50**	**1.50**	**1.50**	**2.00**	**2.00**	**2.00**	**2.00**
Up to 21M²	21°C	1.25	1.25	1.50	1.50	1.50	2.00	2.00	2.00	2.00	2.25	2.25	2.50
	18°C	**1.00**	**1.00**	**1.25**	**1.50**	**1.50**	**1.50**	**2.00**	**2.00**	**2.00**	**2.00**	**2.00**	**2.00**
Up to 24M²	21°C	1.25	1.50	1.50	1.50	2.00	2.00	2.00	2.00	2.25	2.50	2.50	2.50
	18°C	**1.25**	**1.25**	**1.50**	**1.50**	**1.50**	**2.00**	**2.00**	**2.00**	**2.00**	**2.00**	**2.25**	**2.25**
Up to 27M²	21°C	1.50	1.50	2.00	2.00	2.00	2.00	2.00	2.25	2.50	2.50	2.50	2.75
	18°C	**1.25**	**1.50**	**1.50**	**1.50**	**2.00**	**2.00**	**2.00**	**2.00**	**2.00**	**2.25**	**2.25**	**2.50**
Up to 30M²	21°C	1.50	2.00	2.00	2.00	2.00	2.25	2.25	2.50	2.50	2.75	2.75	3.00
	18°C	**1.50**	**1.50**	**2.00**	**2.00**	**2.00**	**2.00**	**2.00**	**2.00**	**2.25**	**2.50**	**2.50**	**2.50**

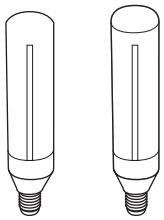
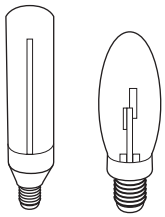
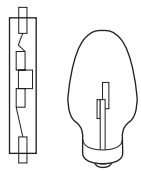
Note: These charts are to be used as guides only, for a more accurate guide we would need more information including your actual 'U' values.

Enclosed Contactor Lighting Application Chart



Enclosed	LOAD (Amps)			
	Heating & General Load AC1	Lighting		
		Fluorescent - Mercury Vapour	Halogen	LED
NLCONM25/4	25	16	13	25
NLCONM45/4	40	27	22	40
NLCONM63/3N	60	40	32	60
NLCONM100/3N	125	68	57	125

Type	Lamp Wattage (W)	NLCONM25/4	NLCONM45/4	NLCONM63/3N
		Rated Output (per pole) 25A	40A	63A
		Max Quantity of Lamps per Pole 230V		
CFL with External Electronic Ballast	5 -7	27	49	76
	9 - 11	26	40	63
	15 - 26	22	36	57
	5 - 15	54	86	135
	18 - 26	40	63	100
Incandescent Lamps				
Tungsten Halogen Lamps 230V	40	57	76	120
	60	45	67	105
	75	38	63	100
	100	28	41	65
	150	18	29	45
	200	14	22	35
	300	10	15	23
	500	6	9	14
	1000	2	4	7
Halogen ELV (12 or 24V) with Electronic Transformer	20	40	139	218
	35	26	82	129
	50	18	60	94
	75	12	52	82
	100	6	35	55
	150	4	20	31
Fluorescent Tubes				
Single - with Starter (Low Power Factor ›0.9)	15 - 20	30	70	100
	36	28	60	90
	40	26	60	90
	42	24	55	83
	58 - 65	17	35	56
	80	15	30	48
	115	10	20	32
	140	10	16	26
Single - with Starter (High Power Factor ›0.9)	15 - 20	20	36	57
	36	20	34	53
	40 - 42	20	29	45
	58 - 80	15	27	42
	115	15	25	39
Twin - with Starter (Low Power Factor ›0.9)	2 x 20	40	50	78
	2 x 18	38	50	78
	2 x 36	30	44	69
	2 x 40	26	40	63
	2 x 42	24	40	63
	2 x 58	18	27	42
	2 x 65	16	27	42
	2 x 80	14	22	35
	2 x 115	10	16	25
Twin - with Starter (High Power Factor ›0.9)	2 x 18	22	34	53
	2 x 20	22	29	45
	2 x 36 - 42	20	27	42
	2 x 58	20	25	39
	2 x 65	14	23	36
	2 x 80	14	20	31
	2 x 115	10	17	25
Single with Electronic Ballast	15 - 20	22	36	57
	36	22	34	53
	40 - 42	22	29	45
	58 - 80	20	27	42
	115	20	25	39
Twin with Electronic Ballast	2 x 18	22	34	53
	2 x 20	22	29	45
	2 x 36 - 42	20	27	42
	2 x 58	20	25	39
	2 x 66	14	23	36
	2 x 80	14	20	31
	2 x 115	10	17	25

Type		Lamp Wattage (W)	NLCONM25/4	NLCONM45/4	NLCONM63/3N
			Rated Output (per pole)		
			25A	40A	63A
Discharge Lamps			Max Quantity of Lamps per Pole 230V		
	**High Pressure Mercury Vapour Lamps (Low power factor ›0.9)**	50	28	32	50
		80	18	24	37
		125	10	18	28
		250	6	10	15
		400	2	6	9
		700	0	4	5
	High Pressure Mercury Vapour Lamps (High Power Factor ›0.9)	50	22	26	40
		80	16	22	34
		250	10	15	23
		125	6	9	14
		400	2	5	8
		700	0	3	5
		1000	0	2	3
	SOX Lamps Low Pressure Sodium Vapour Lamps (Low Power Factor ›0.9)	18	20	18	21
		35 - 55	9	14	20
		90	6	9	14
		135 - 180	4	6	8
	SOX Lamps Low Pressure Sodium Vapour Lamps (High Power Factor ›0.9)	18	8	12	24
		35	7	10	23
		55	5	10	19
		90	4	8	16
		135	2	5	7
		180	2	5	6
	**SON Lamps High Pressure Sodium Lamps (Low Power Factor ›0.9)**	35	24	30	50
		50	15	22	34
		70	12	18	28
		110	10	14	22
		150	8	10	16
		250	5	6	10
		400	2	4	6
		1000	1	2	3
	SON Lamps High Pressure Sodium Lamps (High Power Factor ›0.9)	35	18	31	50
		50	18	22	35
		70	12	16	25
		110	8	13	21
		150	6	8	13
		250	4	7	11
		400	2	5	8
		1000	1	2	3
	**Metal - Halide Lamp (Low Power Factor ›0.9)**	35	30	42	55
		70	17	26	36
		150	12	14	20
		250	8	9	14
		400	4	6	9
		1000	0	3	5
	Metal - Halide Lamp (High Power Factor ›0.9)	35	18	22	39
		70	13	22	39
		150	8	12	22
		250	7	9	16
		400	2	5	7
		1000	1	2	3
LED's					
LED 230V Integrated Driver, Non Dimmable, E27 / GU10		4 - 12	54	86	135
		17 - 22	40	63	101
		30 - 40	28	44	70
		50	22	35	55
LED 230V Integrated Driver Dimmable, GU10		4 - 12	120	159	250
		17 - 22	88	118	185
		30 - 40	62	82	130
		50	48	65	102
LED High Bay Lighting 230V Integrated Driver		100	5	6	9
		150	3	4	6
		200	2	4	6
LED 12V External Driver, Dimmable		1 - 5	120	180	220
		7 -10	120	160	200
		15	88	160	200

The information given should be considered as indicative and is provided on an "as is" basis. Considerable variations may occur depending on the electrical installation and equipment used. Only experienced professionals with the expertise to determine the characteristics of the electrical installation (value and duration of inrush currents, general characterics of the installation, types of loads, etc.) may approve and implement a configuration, in accordance with the currently applicable installation standards. Newlec accepts no liability for the use made of this information.

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NL1KWFD	£371.14 1 off	Hand Dryer Fast Dry Automatic 1.0kW White	248
NL202	£27.61 1 off	Fan Heater - 2kW	255
NL20BWLSFN	£15.50 1 off	Cable Gland Kits - LSF - Indoor - BW, 20mm	102
NL20BWN	£9.09 1 off	Cable Gland Kits - Indoor - BW, 20mm	103
NL20CWLSFN	£34.54 1 off	Cable Gland Kits - LSF - Outdoor - CW, 20mm	102
NL20CWN	£23.17 1 off	Cable Gland Kits - Outdoor CW, 20mm	103
NL20CXTN	£31.50 1 off	Cable Gland Kits - Industrial CXT, 20mm	102
NL20SBWLSFN	£13.34 1 off	Cable Gland Kits - LSF Indoor - BW, 20Smm	102
NL20SBWN	£7.22 1 off	Cable Gland Kits - Indoor - BW, 20Smm	103
NL20SCWLSFN	£26.87 1 off	Cable Gland Kits - LSF, Outdoor - CW, 20Smm	102
NL20SCWN	£19.43 1 off	Cable Gland Kits - Outdoor - CW, 20Smm	103
NL20SCXTN	£24.95 1 off	Cable Gland Kits - Industrial CXT, 20S	102
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NL2101	£189.66 1 off	Alarm Kit - 8 Zone LCD	88
NL2103	£105.39 1 off	Informa Speech Dialler	88
NL2104	£31.85 1 off	Bell Box - Wired	89
NL2105	£10.86 1 off	PIR	89
NL2107	£31.30 1 off	LED Keypad	88
NL2108	£42.14 1 off	Detector	89
NL2110	£2.31 1 off	Magnetic Contacts - Surface	89
NL2115	£68.65 1 off	Alarm Panel - Wired 8 Zone - LED panel	88
NL2116	£81.39 1 off	Alarm Panel - Wired 8 Zone - LCD panel	88
NL2117	£42.05 1 off	LCD Keypad	88
NL2316DS	£83.85 1 off	Industrial Double Socket Outlet Surface Mount, 16A, 2P+E, 230V	195
NL2316RS	£221.18 1 off	Industrial RCD Sockets, 16A, 2P+E, 230V	197
NL2316RSS	£356.35 1 off	Industrial Switched Interlock RCD Sockets, 16A, 2P+E, 230V	197
NL2332RS	£242.88 1 off	Industrial RCD Sockets, 32A, 2P+E, 230V	197
NL2332RSS	£374.71 1 off	Industrial Switched Interlock RCD Sockets, 32A, 2P+E, 230V	197
NL2363RS	£371.03 1 off	Industrial RCD Sockets, 63A, 2P+E, 230V	197
NL24038SL	£49.14 1 off	Task Lighting - 2D 38W Task Light 230V	60
NL240FRACB	£21.97 1 off	GU10 Fire-Rated Downlights - IP20, Adjustable, Chrome	57
NL240FRASB	£21.97 1 off	GU10 Fire-Rated Downlights - IP20, Adjustable, S/Steel	57
NL240FRAWB	£18.77 1 off	GU10 Fire-Rated Downlights - IP20, Adjustable, White	57
NL240FRCB	£18.39 1 off	GU10 Fire-Rated Downlights - IP20, Fixed, Chrome	57
NL240FRIPCB	£22.24 1 off	GU10 Fire-Rated Downlights - IP65, Chrome	57
NL240FRIPSB	£22.24 1 off	GU10 Fire-Rated Downlights - IP65, S/Steel	57
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NL24HRIHTS	£38.46 1 off	Immersion Heater Controller - 24hr Segment	261
NL24HRIHTS1	£30.23 1 off	Immersion Heater Controller - 24hr Segment	261
NL24HRST1	£11.66 1 off	Timers - Plug-In, 24 Hour Mechanical	183 & 262
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NL25BWLSFN	£21.21 1 off	Cable Gland Kits - LSF - Indoor - BW, 25mm	102
NL25BWN	£14.62 1 off	Cable Gland Kits - Indoor - BW, 25mm	103
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NL25C-6	£13.57 1 off	Terminals - Copper Tube, 25mm², 6mm Stud	108
NL25C-8	£13.57 1 off	Terminals - Copper Tube, 25mm², 8mm Stud	108
NL25CWLSFN	£47.40 1 off	Cable Gland Kits - LSF - Outdoor - CW, 25mm	102
NL25CWN	£33.10 1 off	Cable Gland Kits - Outdoor - CW, 25mm	103
NL25CXTN	£38.04 1 off	Cable Gland Kits - Industrial CXT, 25mm	102
NL282PWH	£7.96 1 off	2D 28W GR8	69
NL284PWH	£9.29 1 off	2D 28W GR10q	69
NL2CHDPT1	£56.95 1 off	Heating Programmers - Channel 2 - 7 Day Digital Programmer	260
NL2DDE3	£91.81 1 off	Interior Decorative LED Bulkhead 15W Emergency	52
NL2HRBT1	£36.52 1 off	Heating Thermostat/Controls - 3 Hour Electronic Boost Timer	262
NL2POSKSENC	£55.94 1 off	Push Button Station - 2 Position Key Switch	220
NL2W2Z	£257.04 1 off	Twinflex Fire Alarm Panel - 2 Zone	81
NL2W2ZKIT	£575.93 1 off	Twinflex Starter Kits - 2 Wire 2 Zone	82
NL2W4Z	£318.90 1 off	Twinflex Fire Alarm Panel - 4 Zone	81
NL2W4ZKIT	£637.82 1 off	Twinflex Starter Kits - 2 Wire 4 Zone	82
NL2W8Z	£438.50 1 off	Twinflex Fire Alarm Panel - 8 Zone	81
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NL2WSOD	£49.21 1 off	Indoor/Outdoor HI Point Sounder - For 2 Wire Alarm System	83
NL2WSOUND	£24.71 1 off	2-Wire Sounder - Red	83
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NL32BWN	£23.96 1 off	Cable Gland Kits - Indoor - BW, 32mm	103
NL32CWLSFN	£30.78 1 off	Cable Gland Kits - LSF - Outdoor - CW, 32mm	102
NL32CWN	£34.31 1 off	Cable Gland Kits Outdoor - CW, 32mm	103
NL32JBN	£3.55 1 off	Hacksaw - Junior Replacement Blades	284
NL32JN	£5.24 1 off	Hacksaw - Junior	284
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NL35C-10	£8.71 1 off	Terminals - Copper Tube, 35mm², 10mm Stud	108
NL35C-12	£8.88 1 off	Terminals - Copper Tube, 35mm², 12mm Stud	108
NL35C-6	£8.36 1 off	Terminals - Copper Tube, 35mm², 6mm Stud	108
NL35C-8	£8.36 1 off	Terminals - Copper Tube, 35mm², 8mm Stud	108
NL3750	£25.89 1 off	External 2D Bulkheads, Round Black Base, 16W 2D Opal	42
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NL3753	£25.89 1 off	External 2D Bulkheads, Round White Base, 16W 2D Opal	42
NL3754	£46.61 1 off	External 2D Bulkheads, Round White Base, 16W 2D Opal	42
NL3756	£25.92 1 off	External 2D Bulkheads, Square Black Base, 16W 2D Prismatic	42
NL3757	£25.92 1 off	External 2D Bulkheads, Square White Base, 16W 2D Prismatic	42
NL3761	£37.06 1 off	External 2D Bulkheads, Round Black Base, 28W 2D Prismatic	42
NL3762	£37.06 1 off	External 2D Bulkheads, Round White Base, 28W 2D Opal	42
NL3763	£37.06 1 off	External 2D Bulkheads, Round White Base, 28W 2D Prismatic	42
NL3765	£37.06 1 off	External 2D Bulkheads, Square Black Base, 28W 2D Prismatic	42
NL3767	£37.06 1 off	External 2D Bulkheads, Square White Base, 28W 2D Prismatic	42
NL3771	£46.18 1 off	External 2D Bulkheads, Round White Base, 38W 2D Prismatic	42
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NL38501	£4.35 1 off	Cable Cleats - Telecleats, 10.5 - 14.5mm	100
NL38502	£7.32 1 off	Cable Cleats - Telecleats, 12.2 - 16.7mm	100
NL38503	£7.86 1 off	Cable Cleats - Telecleats, 14.6 - 19.8mm	100
NL38504	£8.23 1 off	Cable Cleats - Telecleats, 17.7 - 24.0mm	100
NL38505	£4.01 1 off	Cable Cleats - Telecleats, 21.7 - 28.5mm	100
NL38506	£7.54 1 off	Cable Cleats - Telecleats, 26.2 - 34.2mm	100
NL38507	£8.69 1 off	Cable Cleats - Telecleats, 31.9 - 14.6mm	100
NL38508	£11.42 1 off	Cable Cleats - Telecleats, 39.3 - 51.1mm	100
NL3ACN	£191.26 1 off	Air Curtain - 3kW, Willow White/Birch Grey	257
NL3PT	£1.78 1 off	Plug Tops - 3 Pin White, 3A	182
NL4016NRS	£268.07 1 off	Industrial RCD Sockets, 16A, 3P+N+E, 400V	197
NL4016NRSS	£384.56 1 off	Industrial Switched Interlock RCD Sockets, 32A, 3P+N+E, 400V	197
NL4016RS	£266.19 1 off	Industrial RCD Sockets, 63A, 3P+E, 400V	197
NL4016RSS	£384.44 1 off	Industrial Switched Interlock RCD Sockets, 16A, 3P+E, 400V	197
NL4032NRS	£283.16 1 off	Industrial RCD Sockets, 32A, 3P+N+E, 400V	197
NL4032NRSS	£418.67 1 off	Industrial Switched Interlock RCD Sockets, 32A, 3P+N+E, 400V	197
NL4032RS	£279.32 1 off	Industrial RCD Sockets, 32A, 3P+E, 400V	197
NL4032RSS	£385.26 1 off	Industrial Switched Interlock RCD Sockets, 32A, 3P+E, 400V	197
NL40BWLSFN	£43.05 1 off	Cable Gland Kits - LSF - Indoor - BW, 40mm	102
NL40BWN	£25.82 1 off	Cable Gland Kits - Indoor - BW, 40mm	103
NL40CWLSFN	£53.58 1 off	Cable Gland Kits - LSF - Outdoor - CW, 40mm	102
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NL4203SA	£5.84 1 off	Warning Labels - Danger 400 Volts	206
NL4210SA	£7.63 1 off	Warning Labels - Danger Isolate Elsewhere	206
NL4211SA	£7.63 1 off	Warning Labels - Danger High Voltage	206
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NL4220SA	£10.31 1 off	Warning Labels - Do not switch on elec	206
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NL4243	£11.92 1 off	Warning Labels - Wiring colours Vinyl	205
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NL50BWN	£50.22 1 off	Cable Gland Kits - Indoor - BW, 50mm	103
NL50C-10	£11.03 1 off	Terminals - Copper Tube, 50mm², 10mm Stud	108
NL50C-12	£11.38 1 off	Terminals - Copper Tube, 50mm², 12mm Stud	108
NL50C-8	£10.45 1 off	Terminals - Copper Tube, 50mm², 8mm Stud	108
NL50CWLSFN	£93.81 1 off	Cable Gland Kits - LSF - Outdoor - CW, 50mm	102
NL50CWN	£78.88 1 off	Cable Gland Kits - Outdoor - CW, 50mm	103
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NL551KPG	£5.91 1 off	Adaptable Boxes - Pre-Galvanised - Knockouts, 75 x 75 x 50mm	178
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NL780	£17.11 1 off	Earth Rods, 3/8 " x1200mm Unthreaded And Lug Clamp	200
NL781	£17.99 1 off	Earth Rods, 5/8 " x1200mm Threaded	200
NL782	£7.22 1 off	Earth Rod Coupling 5/8 "	200
NL783	£2.43 1 off	Earth Rod Driving Stud 5/8 "	200
NL784	£6.77 1 off	Earth Clamps - Type G Rod to Cable Clamp	199
NL785	£10.25 1 off	Earth Clamps - Type A Rod to Tape Clamp	199
NL786	£53.28 1 off	Lightweight Inspection Pit	200
NL787BRN	£1.14 1 off	Non-Metallic DC Tape Clips - Brown	199
NL787GRN	£1.14 1 off	Non-Metallic DC Tape Clips - Green	199
NL788	£4.50 1 off	Metallic DC Tape Clips	199
NL792	£10.63 1 off	Earthing Clamp - 25 x 3mm	199
NL792B	£9.48 1 off	Earthing Clamps - Bonding Clamp M10	199
NL792J	£14.86 1 off	Earthing Clamps - Junction Clamp	199
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NL794	£28.01 1 off	Earth Tape Conductors - PVC Insulated	199
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NL795/12	£325.95 1 off	Earth Bars and Disconnecting Links - 12 Way	200
NL795/8	£195.59 1 off	Earth Bars and Disconnecting Links - 8 Way	200
NL796	£175.60 1 off	Earth Bar & Single Link	200
NL796/10	£292.64 1 off	Earth Bars and Disconnecting Links - 10 Way with Single Link	200
NL796/12	£330.43 1 off	Earth Bars and Disconnecting Links - 12 Way with Single Link	200
NL796/8	£230.93 1 off	Earth Bars and Disconnecting Links - 8 Way with Single Link	200
NL797	£222.67 1 off	Earth Bar & Twin Link	200
NL797/10	£325.49 1 off	Earth Bars and Disconnecting Links - 10 Way with Twin Link	200
NL797/12	£360.27 1 off	Earth Bars and Disconnecting Links - 12 Way with Twin LInk	200
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NLCBELL	£3.00 1 off	Cable Clips - Flat Cables - Clear Bell Wire	204
NLCBS	£29.94 1 off	Base Mounted Sounder - Conventional	86
NLCBS15B	£16.73 1 off	Braided Sleeving, Black, 10-21mm	140 & 203
NLCBS15G	£16.73 1 off	Braided Sleeving, Grey, 10-21mm	140 & 203
NLCBS40B	£36.11 1 off	Braided Sleeving, Black, 30-55mm	140 & 203
NLCBS40G	£36.11 1 off	Braided Sleeving, Grey, 30-55mm	140 & 203
NLCBS5B	£9.87 1 off	Braided Sleeving, Black, 3-9mm	140 & 203
NLCBS5G	£9.87 1 off	Braided Sleeving, Grey, 3-9mm	140 & 203
NLCC10	£14.11 1 off	Cable Cleats - Heavy Duty - 25.4mm	100
NLCC11	£9.59 1 off	Cable Cleats - Heavy Duty - 27.7mm	100
NLCC12	£9.82 1 off	Cable Cleats - Heavy Duty - 30.4mm	100
NLCC14	£12.90 1 off	Cable Cleats - Heavy Duty - 35.6mm	100
NLCC16	£14.84 1 off	Cable Cleats - Heavy Duty - 40.6mm	100
NLCC5	£6.36 1 off	Cable Cleats - Heavy Duty - 12.7mm	100
NLCC6	£10.70 1 off	Cable Cleats - Heavy Duty - 15.2mm	100
NLCC7	£11.42 1 off	Cable Cleats - Heavy Duty - 17.8mm	100
NLCC8	£13.07 1 off	Cable Cleats - Heavy Duty - 20.3mm	100
NLCC9	£13.95 1 off	Cable Cleats - Heavy Duty - 22.8mm	100
NLCCARRIER	£32.00 1 off	Multiple Cable Reel Carrier/Dispenser	98 & 286
NLCCH250W	£216.84 1 off	Ladder Style Electric Towel Rail - 250W Curved Chrome	259
NLCCPK	£6.91 1 off	Callpoint Keys - 10 Pack	85
NLCD16-32.5	£46.73 1 off	Cone Drill 16-32.5mm	292
NLCDB	£4.82 1 off	Common Mounting Base - Conventional or 2-Wire System	85
NLCDFH	£14.44 1 off	77ºC Fixed Heat Detector - Conventional	85
NLCDHT	£15.98 1 off	90ºC High Temperature Heat Detector - Conventional	85
NLCDO	£25.39 1 off	Optical Smoke Detectors - Conventional	85

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NLCDRI	£8.71 1 off	Remote Detector Indicator - Conventional	85
NLCDRR	£16.46 1 off	60ºC Rate of Rise Heat Detector - Conventional	85
NLCDTE2GRY	£6.73 1 off	Cable Clips - Flat Cables - Grey Double 2.5mm - 6242Y	204
NLCEO100	£107.56 1 off	Fuses - BS 88 Cartridge Type CEO 100A	217
NLCEO80	£107.56 1 off	Fuses - BS 88 Cartridge Type CEO 80A	217
NLCFL112PCW1	£3.24 1 off	CFL 2Pin & 4Pin - 11W, G23	69
NLCFL118HF	£53.56 1 off	CFL Downlights - 1 x 18W 4 pin G24d-2 HF	31
NLCFL118HFE3	£169.66 1 off	CFL Downlights - 1 x 18W 4 pin GX4d-2 HF - Emergency	31
NLCFL126HF	£54.83 1 off	CFL Downlights - 1 x 26W 4 pin G24d-3 HF	31
NLCFL126HFE3	£182.91 1 off	CFL Downlights - 1 x 26W 4 pin G24d-3 HF - Emergency	31
NLCFL132PCW1	£3.93 1 off	CFL 2Pin & 4Pin - 13W, G24D-1	69
NLCFL134PCW1	£3.93 1 off	CFL 2Pin & 4Pin - 13W, G24Q-1	69
NLCFL182PCW1	£3.93 1 off	CFL 2Pin & 4Pin - 18W, G24D-2	69
NLCFL184PCW1	£3.47 1 off	CFL 2Pin & 4Pin - 18W, G24Q-2	69
NLCFL218HF	£54.42 1 off	CFL Downlights - 2 x 18W 4 pin G24d-2 HF	31
NLCFL218HFE3	£181.76 1 off	CFL Downlights - 2 x 18W 4 pin G24d-2 HF - Emergency	31
NLCFL226HF	£55.68 1 off	CFL Downlights - 2 x 26W 4 pin G24d-3 HF	31
NLCFL226HFE3	£190.18 1 off	CFL Downlights - 2 x 26W 4 pin G24d-3 HF - Emergency	31
NLCFL262PCW1	£3.93 1 off	CFL 2Pin & 4Pin - 26W, G24D-3	69
NLCFL264PCW1	£3.47 1 off	CFL 2Pin & 4Pin - 26W, G24Q-3	69
NLCFL324PCW1	£6.01 1 off	CFL 2Pin & 4Pin - 32W, GX24Q-3	69
NLCFL424PCW1	£6.77 1 off	CFL 2Pin & 4Pin - 42W, GX24Q-4	69
NLCFL92PCW1	£3.24 1 off	CFL 2Pin & 4Pin - 9W, G23	69
NLCFLDGC	£19.17 1 off	CFL Downlight - Attachments - Clear Drop Glass (Polycarbonate) - IP44 Capable	31
NLCFLDGO	£19.17 1 off	CFL Downlight - Attachments - Opal Drop Glass (Polycarbonate) - IP44 Capable	31
NLCFLS11B	£5.88 1 off	CFL Stick 11W B22d	65
NLCFLS11E	£5.88 1 off	CFL Stick 11W E27	65
NLCFLS20B	£6.37 1 off	CFL Stick 20W B22d	65
NLCFLS20E	£6.37 1 off	CFL Stick 20W E27	65
NLCFLS9B	£5.88 1 off	CFL Stick 9W B22d	65
NLCFLS9E	£5.88 1 off	CFL Stick 9W E27	65
NLCFP2Z	£183.10 1 off	Conventional Panel - 2 Zone	84
NLCFP4Z	£190.53 1 off	Conventional Panel - 4 Zone	84
NLCFP8Z	£283.67 1 off	Conventional Panel - 8 Zone	84
NLCH2KW	£18.15 1 off	Convector Heater - 2kW	255
NLCHCON	£98.93 1 off	Electric Towel Rail Controller - Chrome	259
NLCHOC30A	£2.29 1 off	Connection Box	165 & 203
NLCHS102	£27.93 1 off	Holesaws - 102mm, 4"	291
NLCHS16	£8.90 1 off	Holesaws - 16mm, 5/8"	291
NLCHS20	£8.68 1 off	Holesaws - 20mm, 25/32"	291

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NLCHS25	£9.83 1 off	Holesaws - 25mm, 1"	291
NLCHS32	£11.31 1 off	Holesaws - 32mm, 11/4"	291
NLCHS38	£12.73 1 off	Holesaws - 38mm, 11/2"	291
NLCHS51	£14.38 1 off	Holesaws - 51mm, 2"	291
NLCHS60	£17.36 1 off	Holesaws - 60mm, 23/8"	291
NLCHS64	£17.83 1 off	Holesaws - 64mm, 21/2"	291
NLCHS70	£19.56 1 off	Holesaws - 70mm, 23/4"	291
NLCHS73	£20.27 1 off	Holesaws - 73mm, 27/8"	291
NLCHS76	£21.05 1 off	Holesaws - 76mm, 3"	291
NLCHS79	£21.10 1 off	Holesaws - 79mm, 37/64"	291
NLCHS83	£21.05 1 off	Holesaws - 83mm, 31/4"	291
NLCHS86	£21.32 1 off	Holesaws - 86mm, 31/4"	291
NLCINDA	£12.73 1 off	Pilot Light 22mm - LED Amber	221
NLCINDB	£12.73 1 off	Pilot Light 22mm - LED Blue	221
NLCINDC	£12.73 1 off	Pilot Light 22mm - LED Clear	221
NLCINDG	£12.73 1 off	Pilot Light 22mm - LED Green	221
NLCINDR	£12.73 1 off	Pilot Light 22mm - LED Red	221
NLCKIT	£142.30 1 off	Crimping Tool Kit	106 & 282
NLCLB	£33.24 1 off	Coach Lanterns Polycarbonate, 60W BC / 9W BC - Black	45
NLCLB2	£49.28 1 off	350mm LED Bulkhead - 7.5W, Chrome	53
NLCLPS	£30.28 1 off	Surface Sounder - Conventional	85
NLCLW1	£27.23 1 off	290mm LED Bulkhead - 12W, Matt Silver	53
NLCLW2	£49.28 1 off	350mm LED Bulkhead - 7.5W, White	53
NLCM1KIT	£56.74 1 off	Cable Marker Kits - Mixed Marker 0.75 - 6.0mm	228
NLCM2KIT	£164.98 1 off	Cable Marker Kits - B/W Marker 0.75 - 6.0mm	228
NLCM3KIT	£169.04 1 off	Cable Marker Kits - Black & Yellow Marker K Type	228
NLCMACDC	£150.09 1 off	Clamp Meter + Temperature and Capacitance Testing	274
NLCMFTS	£66.93 1 off	Timer - Multi function	232
NLCMH15083	£25.97 1 off	Metal Halide Ceramic 150W G12	73
NLCMH15094	£25.97 1 off	Metal Halide Ceramic 150W G12	73
NLCMH3583	£25.97 1 off	Metal Halide Ceramic 35W G8.5	73
NLCMH3594	£25.97 1 off	Metal Halide Ceramic 35W G8.5	73
NLCMH7083	£25.97 1 off	Metal Halide Ceramic 70W G12	73
NLCMH7094	£25.97 1 off	Metal Halide Ceramic 70W G12	73
NLCO1P	£27.12 1 off	Cut Outs - Single Phase	35
NLCOMF12A	£625.47 1 off	Fans - Commercial 12" Automatic Shutters	244
NLCOMF9A	£382.42 1 off	Fans - Commercial 9" Automatic Shutters	244
NLCOMF9F	£296.42 1 off	Fans - Commercial 9" (230mm) Standard Grilles	244
NLCOMFC	£54.75 1 off	Commercial Fan - 2 Speed Reversible Controller	244
NLCOND20MMGV	POA	Conduit - Galvanised Steel - 20mm 3.75M HGSW	110
NLCOND25MMGV	POA	Conduit - Galvanised Steel - 25mm 3.75M HGSW	110
NLCOND32MMGV	POA	Conduit - Galvanised Steel Ð 32mm 3.75M HGSW	110
NLCONM100/3N	£375.03 1 off	Contactor Steel Enclosed 70A	223
NLCONM25/4	£88.34 1 off	Contactor Steel Enclosed 16A	223
NLCONM45/4	£124.97 1 off	Contactor Steel Enclosed 27A	223
NLCONM63/3N	£251.00 1 off	Contactor Steel Enclosed 50A	223
NLCP1	£104.14 1 off	Cable Protectors - Rubber - 14 x 8mm	141
NLCP2	£147.14 1 off	Cable Protectors - Rubber - 30 x 10mm	141
NLCPBB	£6.30 1 off	Actuator 22mm - Black Push Button	221
NLCPBESTOP	£10.87 1 off	Actuator 22mm - Emergency Stop Twist Release 37mm	221
NLCPBG	£6.30 1 off	Actuator 22mm - Green Push Button	221
NLCPBKS	£13.99 1 off	Actuator 22mm - 3 Position Stay Put Key Switch	221
NLCPBR	£6.73 1 off	Actuator 22mm - Red Push Button, Raised	221
NLCPBSS	£12.06 1 off	Actuator 22mm - 3 Position Selector Switch	221
NLCPT1	£4.60 1 off	Panel Trunking, 25W x 40H mm	139 & 233
NLCPT10	£15.59 1 off	Panel Trunking, 80W x 80H mm	139 & 233
NLCPT13	£37.85 1 off	Panel Trunking, 100W x 100H mm	139 & 233
NLCPT2	£6.53 1 off	Panel Trunking, 25W x 60H mm	139 & 233
NLCPT4	£5.92 1 off	Panel Trunking, 40W x 40H mm	139 & 233
NLCPT5	£8.40 1 off	Panel Trunking, 40W x 60H mm	139 & 233
NLCPT6	£10.61 1 off	Panel Trunking, 40W x 80H mm	139 & 233
NLCPT7	£6.98 1 off	Panel Trunking, 50W x 50H mm	139 & 233
NLCPT9	£12.45 1 off	Panel Trunking, 60W x 80H mm	139 & 233
NLCR11S	£7.42 1 off	Relay - Bases 11 Pin for 3 Pole Relay	231
NLCR14S	£6.56 1 off	Relay - Bases 14 Pin for 4 Pole Relay	231
NLCR2	£3.49 1 off	Cable Clips - Round Cable, 3-5mm, White	204
NLCR2AS	£18.40 1 off	Relays Plug In - 8 Pin 24V AC, 2 Pole	231
NLCR2CS	£20.42 1 off	Relays Plug In - 8 Pin 230V AC, 2 Pole	231
NLCR2DS	£18.40 1 off	Relays Plug In - 8 Pin 12V DC, 2 Pole	231
NLCR2ES	£18.40 1 off	Relays Plug In - 8 Pin 24V DC, 2 Pole	231
NLCR3	£4.38 1 off	Cable Clips - Round Cable, 6-7mm, White	204
NLCR3AS	£22.66 1 off	Relays Plug In - 11 Pin 24V AC, 3 Pole	231
NLCR3CS	£23.58 1 off	Relays Plug In - 11 Pin 230V AC, 3 Pole	231
NLCR3ES	£22.66 1 off	Relays Plug In - 11 Pin 24V DC, 3 Pole	231
NLCR4	£5.03 1 off	Cable Clips - Round Cable, 7-8mm, White	204
NLCR4.5	£10.62 1 off	Cable Clips - Round Cable, 9-11mm, White	204
NLCR4.5RED	£8.19 1 off	Cable Clips - Round Cable, 9-11mm, Red	204
NLCR4LAS	£11.22 1 off	Relays Plug In - 14 Pin 24V AC, 4 Pole	231
NLCR4LCS	£13.29 1 off	Relays Plug In - 14 Pin 230V AC, 4 Pole	231
NLCR4LES	£11.22 1 off	Relays Plug In - 14 Pin 24V DC, 4 Pole	231

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NLCR5	£9.00 1 off	Cable Clips - Round Cable, 12-14mm, White	204
NLCR6	£4.26 1 off	Cable Clips - Round Cable, 15-18mm, White	204
NLCR8S	£6.73 1 off	Relay - Bases 8 Pin for 2 Pole Relay	231
NLCRBG	£5.91 1 off	Replacement Break Glass - 5 Pack	85
NLCRED	£5.19 1 off	Cable Clips - Round Cable, 7-8mm, Red	204
NLCS15	£30.02 1 off	Connector Strips - 15A	165 & 203
NLCS2.5	£13.75 1 off	Connector Strips - 2.5A	165 & 203
NLCS30	£48.63 1 off	Connector Strips - 30A	165 & 203
NLCS5	£15.55 1 off	Connector Strips - 5A	165 & 203
NLCS810	£96.38 1 off	Concrete Screw for M8 / M10 threaded rod	125 & 296
NLCSB1BL	£7.64 1 off	Spiral Binding, 4.8 - 52mm, Black	139 & 233
NLCSB1NE	£7.64 1 off	Spiral Binding, 4.8 - 51mm, Neutral	139 & 233
NLCSB2BL	£9.38 1 off	Spiral Binding, 10.0 - 100mm, Black	139 & 233
NLCSB2NE	£9.38 1 off	Spiral Binding, 10.0 - 100mm, Neutral	139 & 233
NLCSDTS	£114.14 1 off	Timer - Star/Delta	232
NLCSMCP	£14.37 1 off	Surface - Call Points - Conventional Or 2 Wire System	85
NLCT1	£70.67 1 off	Crimping Tools - For Use With Terminals And Connectors - 0.25 - 6mm	109 & 282
NLCT2	£62.72 1 off	Crimping Tools - For Use With Terminals And Connectors - 10 & 16mm	109
NLCT2	£62.72 1 off	Crimping Tools - For Use With Terminals And Connectors - 10 & 16mm	282
NLCTE1GRY	£4.46 1 off	Cable Clips - Flat Cables - Grey 1 & 1.5mm - 6242Y	204
NLCTE1WH	£4.38 1 off	Cable Clips - Flat Cable, 6242Y - 1/1.5mm, White	204
NLCTE2GRY	£5.03 1 off	Cable Clips - Flat Cables - Grey 2.5mm - 6242Y	204
NLCTE2WH	£4.70 1 off	Cable Clips - Flat Cable, 6242Y - 2.5mm, White	204
NLCTE3BLK	£12.40 1 off	Cable Clips - Coax/Satellite Cables, Double, Black	204
NLCTE3GRY	£6.32 1 off	Cable Clips - Flat Cables - Grey 4 & 6mm - 6242Y	204
NLCTE3WH	£10.70 1 off	Cable Clips - Flat Cable, 6242Y - 4 & 6mm, White	204
NLCTE3WH	£10.70 1 off	Cable Clips - Flat Cable, 6242Y - 4 & 6mm, White	204
NLCTE4GRY	£5.51 1 off	Cable Clips - Flat Cables - Grey 10mm - 6242Y	204
NLCTVBL	£4.22 1 off	Cable Clips - Round Cable, 6-7mm COAX, Black	204
NLCTVBR	£4.14 1 off	Cable Clips - Round Cable, 6-7mm COAX, Brown	204
NLCUF15	£9.32 1 off	Fuses - BS 1361 Consumer Unit - Blue - 15A	182
NLCUF20	£9.32 1 off	Fuses - BS 1361 Consumer Unit - Yellow - 20A	182
NLCUF30	£10.33 1 off	Fuses - BS 1361 Consumer Unit - Red - 30A	182
NLCUF45	£24.18 1 off	Fuses - BS 1361 Consumer Unit - Green - 45A	182
NLCUF5	£4.89 1 off	Fuses - BS 1361 Consumer Unit - White - 5A	182
NLCUT3A	£47.21 1 off	Timer Analogue 1 Channel 24/7	191
NLCW100N	£49.21 1 off	Catenary Wire - 100M	135
NLCW30N	£16.92 1 off	Catenary Wire - 30M	135
NLCW50N	£26.77 1 off	Catenary Wire - 50M	135
NLCWGN	£6.62 1 off	Catenary Wire - Rope Grip 3mm	135

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NLCWKIT1	£30.59 1 off	Catenary Wire Kit	135
NLCWPN	£4.25 1 off	Catenary Wire - 2 Plate With Ring	135
NLCWSN	£2.20 1 off	Catenary Wire - Strainer	135
NLCWTN	£3.83 1 off	Catenary Wire - Thimble	135
NLDCM1N	£95.81 1 off	Clamp Meter	274
NLDMD414	£93.15 1 off	T5 Recessed Modular HF 4 x 14W Standard	25
NLDMD414E	£195.36 1 off	T5 Recessed Modular HF 4 x 14W Standard - Emergency	25
NLDMD428	£167.40 1 off	T5 Recessed Modular HF 4 x 28W Standard	25
NLDMD428E	£278.39 1 off	T5 Recessed Modular HF 4 x 28W Standard - Emergency	25
NLDMHE150W	£35.14 1 off	Metal Halide Elliptical 150W E27	72
NLDMHE250W	£29.93 1 off	Metal Halide Elliptical 250W E40	72
NLDMHE400W	£29.93 1 off	Metal Halide Elliptical 400W E40	72
NLDMHE70W	£35.14 1 off	Metal Halide Elliptical 70W E27	72
NLDMHT150W	£33.14 1 off	Metal Halide Tubular 150W E40	72
NLDMHT250W	£30.37 1 off	Metal Halide Tubular 250W E40	72
NLDMHT400W	£30.37 1 off	Metal Halide Tubular 400W E40	72
NLDMHT70W	£33.14 1 off	Metal Halide Tubular 70W E27	72
NLDMLCN	£95.36 1 off	Multimeter - Digital	274
NLDMM1N	£96.36 1 off	Multimeter - Auto-Ranging	274
NLDMMBN	£57.49 1 off	Multimeter - Digital	274
NLDR240	£51.53 1 off	Magnetic Door Release 240V - Conventional	86
NLDRB	£18.01 1 off	Magnetic Door Holders - Conventional - Bracket For Use With Door Release	86
NLDRDC	£51.53 1 off	Magnetic Door Release 24V DC - Conventional	86
NLDTG20LBLK	£17.63 1 off	Cable Glands - Dome Top - 20mm L - Black - 10-14mm	104
NLDTG20LWHI	£17.63 1 off	Cable Glands - Dome Top - 20mm L - White - 10-14mm	104
NLDTG20SBLK	£14.76 1 off	Cable Glands - Dome Top - 20mm S - Black - 6-12mm	104
NLDTG20SGRY	£14.76 1 off	Cable Glands - Dome Top - 20mm S - Grey - 6-12mm	104
NLDTG20SRED	£14.76 1 off	Cable Glands - Dome Top - 20mm S - Red - 6-12mm	104
NLDTG20SWHI	£14.76 1 off	Cable Glands - Dome Top - 20mm S - White - 6-12mm	104
NLDVRKIT4I	£553.88 1 off	Digital CCTV Kits, 4 Channel Networkable CCTV System	90
NLDVRKIT8I	£690.04 1 off	Digital CCTV Kits, 8 Channel Networkable CCTV System	90
NLDWCCNB	£10.83 1 off	Fixings for 19" Rack Mounts	207
NLDWCSHELF	£37.69 1 off	Wall Mounted Cantilever Shelf - 1U Shelf, 190mm	207
NLE3B	£21.30 1 off	LED Bulkhead - 2W LED IP65 3hr Emergency Bulkhead	28
NLE3BDDA	£16.31 1 off	LED Bulkhead - Drop Down Attachment	28
NLE3BISOL	£3.85 1 off	LED Bulkhead - ISO Legend Kit for NLE3B	28
NLE3BRMK	£8.64 1 off	LED Bulkhead - Semi-Recessed Mount Kit	28
NLE3R	£42.60 1 off	LED Escape Route - Corridor/Open Area - 2W Recessed LED 3hr Circular Distribution	30
NLE3RC	£42.60 1 off	LED Escape Route - Corridor/Open Area - 2W Recessed LED 3hr Oval Distribution	30
NLE3SES	£49.89 1 off	LED Ceiling/Suspended Exit Sign - 3W LED 3hr Maintained White Exit Sign c/w Euro Legend Arrow Down	29

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NLE3SESELLR	£17.28 1 off	LED Ceiling/Suspended Exit Sign - Euro Legend Arrow Left/Right	29
NLE3SESELU	£17.28 1 off	LED Ceiling/Suspended Exit Sign - Euro Legend Arrow Up	29
NLE3SESILD	£17.28 1 off	LED Ceiling/Suspended Exit Sign - ISO Legend Arrow Down	29
NLE3SESILLR	£17.28 1 off	LED Ceiling/Suspended Exit Sign - ISO Legend Arrow Left/Right	29
NLE3SESILU	£17.28 1 off	LED Ceiling/Suspended Exit Sign - ISO Legend Arrow Up	29
NLE3TS	£70.52 1 off	LED Twinspot - 2 x 3W LED IP65 3hr Non-Maintained Self Test Twinspot	30
NLE3WES	£62.46 1 off	LED Wall Exit Sign - 5W LED 3hr Wall Exit Sign c/w Euro Legend Arrow Down	29
NLE3WESILD	£5.78 1 off	LED Wall Exit Sign - ISO Legend Arrow Down	29
NLE3WESILLR	£5.78 1 off	LED Wall Exit Sign - ISO Legend Arrow Left/Right	29
NLE3WESILU	£5.78 1 off	LED Wall Exit Sign - ISO Legend Arrow Up	29
NLEAA	£88.93 1 off	Emergency Assist Alarm Kit - Disabled Toilet	87
NLEB10	£5.46 1 off	Anchors - Eye Bolt - M10	295
NLEB100	POA	Cable Tray - Earth Strap c/w Lugs	121
NLEB4W	£3.77 1 off	Earthing Blocks - 4 Way	198
NLEB6	£2.39 1 off	Anchors - Eye Bolt - M6	295
NLEB8	£3.51 1 off	Anchors - Eye Bolt - M8	295
NLEB8W	£6.34 1 off	Earthing Blocks - 8 Way	198
NLEC14N	£1.76 1 off	Earth Clamps - Standard - Indoor	198
NLEC15N	£2.15 1 off	Earth Clamps - Standard - Outdoor	198
NLEC16N	£2.85 1 off	Earth Clamps - Standard - Outdoor - Heavy Duty	198
NLECA1215	£20.98 1 off	Girder Clips For Single Cables - T 12-15mm, A 2-4mm	130
NLECA1520	£20.98 1 off	Girder Clips For Single Cables - T 15-20mm, A 2-4mm	130
NLECL1011	£11.26 1 off	Edge/Cable Run - T 8-12mm, Dia 10-11mm	130
NLECL1214	£12.61 1 off	Edge/Cable Run - T 8-12mm, Dia 12-14mm	130
NLECL1519	£12.74 1 off	Edge/Cable Run - T 8-12mm, Dia 15-19mm	130
NLECL2024	£16.89 1 off	Edge/Cable Run - T 8-12mm, Dia 20-24mm	130
NLECL89	£11.08 1 off	Edge/Cable Run - T 8-12mm, Dia 8-9mm	130
NLECM1011	£11.26 1 off	Edge/Cable Run - T 4-7mm, Dia 10-11mm	130
NLECM1214	£12.61 1 off	Edge/Cable Run - T 4-7mm, Dia 12-14mm	130
NLECM1519	£12.86 1 off	Edge/Cable Run - T 4-7mm, Dia 15-19mm	130
NLECM2024	£16.23 1 off	Edge/Cable Run - T 4-7mm, Dia 20-24mm	130
NLECM89	£11.20 1 off	Edge/Cable Run - T 4-7mm, Dia 8-9mm	130
NLECOSTART2025	£448.76 1 off	EcoStart Single Phase 230V Mains Supply Motor Controller 0.25kW 1.7A	222
NLECOSTART2037	£454.58 1 off	EcoStart Single Phase 230V Mains Supply Motor Controller 0.37kW 2.4A	222
NLECOSTART2055	£489.49 1 off	EcoStart Single Phase 230V Mains Supply Motor Controller 0.55kW 3.2A	222
NLECOSTART2075	£504.04 1 off	EcoStart Single Phase 230V Mains Supply Motor Controller 0.75kW 4.2A	222
NLECOSTART2110	£550.97 1 off	EcoStart Single Phase 230V Mains Supply Motor Controller 1.1kW 6.0A	222
NLECOSTART2150	£580.30 1 off	EcoStart Single Phase 230V Mains Supply Motor Controller 1.5kW 7.0A	222
NLECOSTART2220	£610.30 1 off	EcoStart Single Phase 230V Mains Supply Motor Controller 2.2kW 9.6A	222
NLECOSTART4037	£518.03 1 off	EcoStart Three Phase 400V & Neutral Mains Supply Motor Controller 0.37kW 1.3A	222

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NLECOSTART4055	£526.03 1 off	EcoStart Three Phase 400V & Neutral Mains Supply Motor Controller 0.55kW 1.8A	222
NLECOSTART4075	£539.37 1 off	EcoStart Three Phase 400V & Neutral Mains Supply Motor Controller 0.75kW 2.4A	222
NLECOSTART4110	£613.50 1 off	EcoStart Three Phase 400V & Neutral Mains Supply Motor Controller 1.1kW 3.2A	222
NLECOSTART4150	£625.63 1 off	EcoStart Three Phase 400V & Neutral Mains Supply Motor Controller 1.5kW 3.9A	222
NLECOSTART4220	£649.63 1 off	EcoStart Three Phase 400V & Neutral Mains Supply Motor Controller 2.2kW 5.6A	222
NLECOSTART4300	£726.97 1 off	EcoStart Three Phase 400V & Neutral Mains Supply Motor Controller 3kW 7.3A	222
NLECOSTART4400	£836.30 1 off	EcoStart Three Phase 400V & Neutral Mains Supply Motor Controller 4kW 9.5A	222
NLECOSTART4550	£913.63 1 off	EcoStart Three Phase 400V & Neutral Mains Supply Motor Controller 5.5kW 13A	222
NLECOSTART4750	£1,022.97 1 off	EcoStart Three Phase 400V & Neutral Mains Supply Motor Controller 7.5kW 16.5A	222
NLECS1011	£11.31 1 off	Edge/Cable Run - T 2-4mm, Dia 10-11mm	130
NLECS1214	£12.74 1 off	Edge/Cable Run - T 2-4mm, Dia 12-14mm	130
NLECS1519	£12.42 1 off	Edge/Cable Run - T 2-4mm, Dia 15-19mm	130
NLECS2024	£15.57 1 off	Edge/Cable Run - T 2-4mm, Dia 20-24mm	130
NLECS89	£11.08 1 off	Edge/Cable Run - T 2-4mm, Dia 8-9mm	130
NLEESH1	£452.55 1 off	Energy Efficient Storage Heaters - 4 Bricks, 730 x 550 x 180mm	251
NLEESH2	£553.97 1 off	Energy Efficient Storage Heaters - 8 Bricks, 730 x 660 x 180mm	251
NLEESH3	£713.15 1 off	Energy Efficient Storage Heaters - 12 Bricks, 730 x 890 x 180mm	251
NLEESH4	£840.40 1 off	Energy Efficient Storage Heaters - 16 Bricks, 730 x 1100 x 180mm	251
NLEFS600N1	£10.89 1 off	Starter Switches - 30 - 125 Electronic	58
NLEH814	£39.29 1 off	Flange And Girder Clips - T 3-8mm, Dia 7mm	128
NLEKS9	£23.31 1 off	Hex Key Set - 9 Piece Ball End	287
NLEL1W	£16.86 1 off	Extension Lead - 4 Way + 1M Lead	180
NLEL25	£26.87 1 off	Extension Lead - 2 Way + 5M Lead	180
NLEL2W	£17.78 1 off	Extension Lead - 4 Way + Neon + 2M Lead	180
NLEL4SW	£28.89 1 off	Extension Lead - 4 Way + Individually Switched + 2M Lead	180
NLEL4WHD	£41.61 1 off	Extension Lead - 4 Way Heavy Duty + Neon + 4M Lead	180
NLEL4WSP	£28.92 1 off	Extension Lead - 4 Way + Surge Protection + Neon + 2M Lead	180
NLEL6W	£23.71 1 off	Extension Lead - 6 Way + Neon + 2M Lead	180
NLEL6WSP	£28.89 1 off	Extension Lead - 6 Way + Surge Protection + Neon + 2M Lead	180
NLELR2	£18.53 1 off	12V Electric Fail Locked Release 12V DC	93
NLELR3	£24.07 1 off	12V Electric Fail Unlocked Release 12V DC	93
NLEM1108W	£45.70 1 off	Emergency Bulkheads - Clear 8W T5	62
NLENCH20W	£55.66 1 off	PTC Heater 18 - 20W (50 - 60Hz)	235
NLENCH50W	£88.60 1 off	PTC Heater 49 - 50W (50 - 60Hz)	235
NLENCTHERM	£38.96 1 off	Enclosure Internal Thermostat 20/25m^3 Unimpeded Throughput	235
NLENS20	£4.97 1 off	Cable Gland Earthing Nut - Set 20mm	102
NLENS25	£8.89 1 off	Cable Gland Earthing Nut - Set 25mm	102
NLENS32	£13.98 1 off	Cable Gland Earthing Nut - Set 32mm	102
NLER1010N	£30.36 1 off	Extension Reels - 9M, Cassette, 240V, 4 Gang	179
NLER2013N	£58.87 1 off	Extension Reels - 20M, Cassette, 240V, 4 Gang	179

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NLER5013N	£95.29 1 off	Extension Reels - 50M, Open Reel, 240V, 4 Gang	179
NLESM10	£806.32 1 off	Electrical Switchboard Matting, 10M	233
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NLESM5	£403.08 1 off	Electrical Switchboard Matting, 5M	233
NLESTOP37ENC	£45.80 1 off	Push Button Station - Emergency Stop Twist Release 37mm	220
NLESTOP37ENCSS	£117.99 1 off	Emergency Stop - Stainless Steel, Twist Release 37mm	220
NLESTOP60ENC	£47.40 1 off	Push Button Station - Emergency Stop Twist Release 60mm	220
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NLEV	£62.84 1 off	Expansion Vessel and Check Valve for Unvented	266
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NLEVAD1	£36.00 1 off	General EV Options - Keyswitch Control up to 32A	191
NLEVAD2	£34.18 1 off	General EV Options - Built-in Class 1 kWh Meter	191
NLEVCB1	£102.02 1 off	Protection Barriers - Galvanised Powder Coated Root	191
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NLEVCL1	£456.20 1 off	Basiccharge: EV Pedestal - Mode 3 x 1 Socket	188
NLEVCL2	£661.12 1 off	Basiccharge: EV Pedestal - Mode 3 x 2 Socket	188
NLEVPG1	£967.01 1 off	Autocharge: EV Pedestal Heavy Duty	189
NLEVPP1	£123.92 1 off	Plug to Plug Charging Leads - 5M, 16A	190
NLEVPP2	£141.38 1 off	Plug to Plug Charging Leads - 5M, 32A	190
NLEVPP3	£185.85 1 off	Plug to Plug Charging Leads - 10M, 32A	190
NLEVPP4	£133.53 1 off	Plug to Plug Charging Leads - 5M, 16A	190
NLEVPP5	£149.23 1 off	Plug to Plug Charging Leads - 5M, 32A	190
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NLEVWP11	£379.31 1 off	Wallpod: EV Charging Unit - Mode 3, IEC 62196 Plug, 5M Lead	187
NLEVWP12	£296.35 1 off	Wallpod: EV Charging Unit - Mode 3, No Cable	187
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NLF150MH	£108.67 1 off	Symmetric Polycarbonate Small Floodlight - 150W HQI (E40)	37
NLF150MHP	£143.83 1 off	Symmetric Polycarbonate Small Floodlight - 150W HQI (E40) with Photocell	37
NLF150SON	£129.77 1 off	Asymmetric Aluminium Floodlight - 150W SON (E40)	37
NLF150SONP	£150.77 1 off	Asymmetric Aluminium Floodlight - 150W SON (E40) with Photocell	37
NLF2	£6.69 1 off	Fuses - BS 1362 Plug Top - 2A	181
NLF250MH	£133.29 1 off	Asymmetric Aluminium Floodlight - 250W MH (E40)	37
NLF250MHP	£171.96 1 off	Asymmetric Aluminium Floodlight - 250W MH (E40) with Photocell	37
NLF250SON	£136.81 1 off	Asymmetric Aluminium Floodlight - 250W SON (E40)	37
NLF250SONP	£157.20 1 off	Asymmetric Aluminium Floodlight - 250W SON (E40) with Photocell	37
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NLF400MH	£150.87 1 off	Asymmetric Aluminium Floodlight - 400W MH (E40)	37
NLF400MHP	£186.02 1 off	Asymmetric Aluminium Floodlight - 400W MH (E40) with Photocell	37
NLF400SON	£150.87 1 off	Asymmetric Aluminium Floodlight - 400W SON (E40)	37
NLF400SONP	£170.06 1 off	Asymmetric Aluminium Floodlight - 400W SON (E40) with Photocell	37
NLF5	£6.69 1 off	Fuses - BS 1362 Plug Top - 5A	181
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NLF70MH	£94.59 1 off	Symmetric Polycarbonate Small Floodlight - 70W HQI (RX7S)	37
NLF70MHP	£129.77 1 off	Symmetric Polycarbonate Small Floodlight - 70W HQI (RX7S) with Photocell	37
NLF70SON	£54.52 1 off	Symmetric Polycarbonate Small Floodlight - 70W SON (E27)	37
NLF70SONP	£84.05 1 off	Symmetric Polycarbonate Small Floodlight - 70W SON (E27) with Photocell	37
NLFAN105M	£148.86 1 off	Fan Unit 105/120m^3 Unimpeded Throughput	235
NLFAN20M	£77.54 1 off	Fan Unit 20/25m^3 Unimpeded Throughput	235
NLFAN55M	£126.52 1 off	Fan Unit 55/66m^3 Unimpeded Throughput	235
NLFB12	£14.98 1 off	Drills - Flat Bits - 12 x 150mm	289
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NLFB25	£17.43 1 off	Drills - Flat Bits - 25 x 150mm	289
NLFB2N	£56.61 1 off	Floorbox - 3 Compartment - Cavity Floor Box	138
NLFB2P2N	£4.99 1 off	Floorbox - Accessories - 1 Gang Accessory Plate	138
NLFB2P3N	£5.15 1 off	Floorbox - Accessories - 2 Gang Accessory Plate	138
NLFB2P4N	£4.35 1 off	Floorbox - Accessories - Outlet Plate	138
NLFB2P5EN	£16.19 1 off	Floorbox - Accessories - Twin Socket Outlet Plate	138
NLFB2P6N	£9.38 1 off	Floorbox - Accessories - Data Outlet Plate	138
NLFB2PIN	£4.35 1 off	Floorbox - Accessories - Blank Plate	138
NLFB32	£24.09 1 off	Drills - Flat Bits - 32 x 150mm	289

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NLFBC25A	£634.07 1 off	Flat Back Cisterns	266
NLFC10T	£111.48 1 off	Girder Clamp For Threaded Rod - Max 19mm, M10	132
NLFC11	£107.88 1 off	Girder Clamp For Threaded Rod - Max 19mm, Dia 11mm	132
NLFC2M	£32.29 1 off	Flat Channel 110mm x 54mm - 2M	245
NLFCAD	£7.66 1 off	Flat Channel And Accessories - Round to Horizontal Adaptor	245
NLFCCLIP	£4.06 1 off	Flat Channel And Accessories - Fixing Clip - 110 x 54mm	245
NLFCCON	£3.66 1 off	Flat Channel And Accessories - Flat Connector 110 x 54mm	245
NLFCEBF	£7.49 1 off	Flat Channel And Accessories - 90º Female Elbow	245
NLFCEBM	£8.18 1 off	Flat Channel And Accessories - 90º Male Elbow	245
NLFCF	£81.38 1 off	Wall Scanner & Fuse Finder, 100 - 250V	273
NLFCH150W	£164.75 1 off	Ladder Style Electric Towel Rail - 150W Flat Chrome	259
NLFCH250W	£211.47 1 off	Ladder Style Electric Towel Rail - 250W Flat Chrome	259
NLFCH400W	£297.22 1 off	Ladder Style Electric Towel Rail - 400W Flat Chrome	259
NLFCHB	£7.83 1 off	Flat Channel And Accessories - 90º Horizontal Bend	245
NLFCVB	£7.83 1 off	Flat Channel And Accessories - 90º Vertical Bend	245
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NLFEST110VES	£277.47 1 off	Festoon Leads ES	61
NLFESTGUARD	£1.81 1 off	Festoon Guard	61
NLFG135	£13.05 1 off	Boxes - Dry Lining - Metal Flameguard - 1 Gang 35mm	164
NLFG147	£15.64 1 off	Boxes - Dry Lining - Metal Flameguard - 1 Gang 47mm	164
NLFG235	£20.72 1 off	Boxes - Dry Lining - Metal Flameguard - 2 Gang 35mm	164
NLFG247	£23.01 1 off	Boxes - Dry Lining - Metal Flameguard - 2 Gang 47mm	164
NLFH107	£51.04 1 off	Master Clamp - Max 18mm, 10.7øA, 45Kg Load	132
NLFH2KW	£17.97 1 off	Portable Fan Heater - 2kW	255
NLFH65	£47.86 1 off	Master Clamp - Max 18mm, 12.7øA,45Kg Load	132
NLFILTER105	£39.90 1 off	Outlet Filter 105/120m³ Unimpeded Throughput	235
NLFILTER20	£28.86 1 off	Outlet Filter 20/25m³ Unimpeded Throughput	235
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NLFM313T	£33.42 1 off	Support, Conduit Dia 16 v- 20mm	131
NLFM313T	£33.42 1 off	Support, Conduit Dia 16 v- 20mm	131
NLFM313T	£33.42 1 off	Support, Conduit Dia 16 v- 20mm	131
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NLFPC1	£11.46 1 off	Fire Protection Covers - Downlighters - 150 x 150mm	80
NLFPC30	£1.39 1 off	Fire Protection Gaskets - Socket Boxes - 1 Gang, 35mm	80
NLFPC31	£1.83 1 off	Fire Protection Gaskets - Socket Boxes - 2 Gang, 35mm	80
NLFPC38	£3.87 1 off	Fire Protection Gaskets - Cable Tray - 330 x 50 x 20mm	80
NLFPC39	£8.34 1 off	Fire Protection Gaskets - Cable Tray - 330 x 200 x 25mm	80
NLFPC40	£8.82 1 off	Fire Protection Gaskets - Cable Tray - 330 x 200 x 45mm	80

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NLFS125N1	£2.30 1 off	Starter Switches - 70/75/85/100/125W	58
NLFS420N1	£1.34 1 off	Starter Switches - 4 - 22W	58
NLFSC30	£52.56 1 off	Fire Clips - Clip Width 23mm	143
NLFSC30	£52.56 1 off	Fire Clips - Clip Width 23mm	204
NLFSC40	£39.18 1 off	Fire Clips - Clip Width 31mm	143
NLFSC40	£39.18 1 off	Fire Clips - Clip Width 31mm	204
NLFSC50	£47.27 1 off	Fire Clips - Clip Width 46mm	143
NLFSC50	£47.27 1 off	Fire Clips - Clip Width 46mm	204
NLFST1	£70.61 1 off	Fused Spur Timeswitches - Up To 4 ON And OFF Programmes Per Day	262
NLFST2	£77.32 1 off	Fused Spur Timeswitches - Up To 42 ON And OFF Programmes Per Week	262
NLFSUN1	£1.04 1 off	Starter Switches - 4 - 65W	58
NLFT	£27.46 1 off	Anchors - Screw - Fixing Tool	296
NLFT150	£253.72 1 off	Extension Reels - Industrial - 10A, 4M Spring Return	179
NLFT260	£464.03 1 off	Extension Reels - Industrial - 16A, 8M Spring Return	179
NLFWH250W	£153.27 1 off	Ladder Style Electric Towel Rail - 250W Flat White	259
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NLGLSH30B	£2.58 1 off	Halogen Eco GLS, 30W B22	64
NLGLSH30E	£2.58 1 off	Halogen Eco GLS, 30W E27	64
NLGLSH46B	£2.58 1 off	Halogen Eco GLS, 46W B22	64
NLGLSH46E	£2.58 1 off	Halogen Eco GLS, 46W E27	64
NLGLSH77B	£2.58 1 off	Halogen Eco GLS, 77W B22	64
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NLGPCT	£10.16 1 off	Crimping Tool - Multifunction	109
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NLGROM2N	£5.90 1 off	Grommets - M25, Through	164 & 204
NLGROM3N	£6.34 1 off	Grommets - M25, Blind	164 & 204
NLGROM4N	£5.59 1 off	Grommets - M32, Through	164 & 204
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NLGRP403020R	£124.71 1 off	Wall Mount GRP Enclosures 400 x 300 x 200mm	234
NLGRP404020R	£167.00 1 off	Wall Mount GRP Enclosures 400 x 400 x 200mm	234
NLGRP604020R	£199.88 1 off	Wall Mount GRP Enclosures 600 x 600 x 200mm	234
NLGRP606020R	£280.20 1 off	Wall Mount GRP Enclosures 600 x 600 x 200mm	234
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NLGRPKLOCKR	£22.55 1 off	GRP Enclosure Key Lock (Qty 1)	234
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NLGTAPEN	£13.13 1 off	Tape - Gaffer - 50M	201
NLGU101SCH	£6.71 1 off	Spotlights - Single Spot Chrome GU10 base	54
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NLGU10TKW	£63.91 1 off	Track Kits - 240V - White - GU10 3 x 50W	54
NLGY2NH	£12.34 1 off	Sleeving - PVC - Green/Yellow, 2mm	140 & 203
NLGY3NH	£16.04 1 off	Sleeving - PVC - Green/Yellow, 3mm	140 & 203
NLGY4NH	£19.55 1 off	Sleeving - PVC - Green/Yellow, 4mm	140 & 203
NLGY5NH	£24.20 1 off	Sleeving - PVC - Green/Yellow, 5mm	140 & 203
NLH1000A	£41.82 1 off	Convector Heaters - 2kW	255
NLH1001A	£79.47 1 off	Convector Heaters - 2kW + Timer	255
NLH1002A	£73.27 1 off	Convector Heaters - 2kW + Turbo	255
NLH1003A	£56.60 1 off	Convector Heaters - 3kW	255
NLH2000	£203.80 1 off	Radiator - Oil Filled Panel - 1.5kW	256
NLHB200	£102.58 1 off	Energy Saving Metal Halide Highbay Luminaires 200W	41
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NLHS2501	£106.17 1 off	HID Highbay Luminaires - 250W SON-T	40
NLHS4001	£120.06 1 off	HID Highbay Luminaires - 400W SON-T	40
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NLHSS11	£17.41 1 off	Drills - HSS Jobber - 11mm, 7/16"	290
NLHSS12	£20.24 1 off	Drills - HSS Jobber - 12mm, 15/32"	290
NLHSS2	£3.70 1 off	Drills - HSS Jobber - 2mm, 5/16"	290
NLHSS3	£3.16 1 off	Drills - HSS Jobber - 3mm, 1/8"	290
NLHSS3.5	£3.27 1 off	Drills - HSS Jobber - 3.5mm, 9/64"	290
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NLHSS5	£4.47 1 off	Drills - HSS Jobber - 5mm, 3/16"	290
NLHSS5.5	£5.66 1 off	Drills - HSS Jobber - 5.5mm, 7/32"	290
NLHSS6	£5.77 1 off	Drills - HSS Jobber - 6mm, 15/64"	290
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NLIGTR6	£24.67 1 off	Ignitors - High Intensity Discharge: SON, 100-400W	58
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NLISCJ0	£25.31 1 off	Cable Joint Kit, Resin, Straight, 1.5 - 6mm^2	103
NLISCJ1	£42.41 1 off	Cable Joint Kit, Resin, Straight, 10 - 16mm^2	103
NLIWH4.4	£270.01 1 off	Instantaneous Inline Handwash - 4.4kW 140 x 190 x 80mm	264
NLJB68	£30.75 1 off	Junction Box - SWA	101 & 166

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NLJETDRY	£878.68 1 off	Energy Efficient Jet Hand Dryer IPX4	248
NLJH15SW	£61.75 1 off	T-bar - M6, 22Kg	130
NLJHX16S	£55.15 1 off	T-bar - M6, 22Kg	130
NLJM1825	£23.10 1 off	Snap-in Conduit Pipe 11Kg Load	131
NLKB10	£4.11 1 off	Trimming Knife - Spare Blades	287
NLKEY	£1.19 1 off	Grid Accessories - Spare Key	174
NLKP	£100.82 1 off	IP68 Rated Pin Access and/or Proximity Keypad	94
NLL050PG	POA	Cable Tray - Light Duty - 50mm	120
NLL075PG	POA	Cable Tray - Light Duty - 75mm	120
NLL100PG	POA	Cable Tray - Light Duty - 100mm	120
NLL150PG	POA	Cable Tray - Light Duty - 150mm	120
NLL225PG	POA	Cable Tray - Light Duty - 225mm	120
NLL2DD	£40.17 1 off	Interior Decorative LED Bulkhead 15W	52
NLL2DDCT	£3.82 1 off	Interior Decorative LED Bulkhead Accessories - Chrome Trim Ring	52
NLL2DDMW	£68.85 1 off	Interior Decorative LED Bulkhead 15W Microwave Sensor	52
NLL300PG	POA	Cable Tray - Light Duty - 300mm	120
NLL480A	£232.18 1 off	T5 Flobay Luminaires - Standard 4 x 80W	38
NLL480E	£348.96 1 off	T5 Flobay Luminaires - Standard Emergency 4 x 80W	38
NLL480PC	£36.71 1 off	T5 Lowbay Polycarbonate Cover	38
NLL480PIR	£391.51 1 off	T5 Flobay Luminaires - Standard & PIR 4 x 80W	38
NLL480PIRE	£481.67 1 off	T5 Flobay Luminaires - Standard & PIR Emergency 4 x 80W	38
NLL480WG	£52.18 1 off	T5 Lowbay Wire Guard	38
NLLAR100PG	POA	Cable Tray - Light Duty Riser - 100mm	120
NLLAR150PG	POA	Cable Tray - Light Duty Riser - 150mm	120
NLLAR225PG	POA	Cable Tray - Light Duty Riser - 225mm	120
NLLAR300PG	POA	Cable Tray - Light Duty Riser - 300mm	120
NLLAR50PG	POA	Cable Tray - Light Duty Riser - 50mm	120
NLLAR75PG	POA	Cable Tray - Light Duty Riser 75mm	120
NLLB05090PG	POA	Cable Tray - Light Duty Flat Bend - 50mm	120
NLLB07590PG	POA	Cable Tray - Light Duty Flat Bend - 75mm	120
NLLB10	£4.14 1 off	Anchors - Shield Loose Bolt - M10	295
NLLB10090PG	POA	Cable Tray - Light Duty Flat Bend - 100mm	120
NLLB15090PG	POA	Cable Tray - Light Duty Flat Bend - 150mm	120
NLLB200	£103.93 1 off	Energy Saving Metal Halide Lowbay - 200W Narrow	39
NLLB200W	£103.93 1 off	Energy Saving Metal Halide Lowbay - 200W	39
NLLB22590PG	POA	Cable Tray - Light Duty Flat Bend - 225mm	120
NLLB30090PG	POA	Cable Tray - Light Duty Flat Bend - 300mm	120
NLLB320	£110.82 1 off	Energy Saving Metal Halide Lowbay - 320W Narrow	39
NLLB320W	£110.82 1 off	Energy Saving Metal Halide Lowbay - 320W	39
NLLB6	£2.49 1 off	Anchors - Shield Loose Bolt - M6	295

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NLLB8	£2.99 1 off	Anchors - Shield Loose Bolt - M8	295
NLLBPC1	£21.63 1 off	Lowbay Polycarbonate Cover	39
NLLBPC1	£21.63 1 off	Lowbay Polycarbonate Cover	40
NLLBS2501	£104.52 1 off	HID Lowbay Luminaires & Accessories - 250W SON-T	40
NLLBS4001	£113.68 1 off	HID Lowbay Luminaires & Accessories - 400W SON-T	40
NLLBTG1	£4.82 1 off	Lowbay Toughened Glass Panel	39 & 40
NLLBWG1	£17.87 1 off	Lowbay Wireguard	39 & 40
NLLCB	£7.51 1 off	Lead Connectors - Black	182
NLLCL	£18.42 1 off	Torches - Krypton Low Cost Lantern	62
NLLCLB	£33.12 1 off	Coach LED Lanterns - 7W	45
NLLCLBPIR	£40.27 1 off	Coach LED Lanterns - 7W + PIR	45
NLLCLW1	£27.23 1 off	290mm LED Bulkhead - 12W, White	53
NLLCW	£7.51 1 off	Lead Connectors - White	182
NLLDMLCH	£55.87 1 off	LED Decorative Mirror Light - 2.5W	56
NLLED/10/GLS /827/B22/DIM	£8.85 1 off	LED GLS - Non Dimmable - 10W, B22	64
NLLED/10/GLS /827/E27/DIM	£8.85 1 off	LED GLS - Non Dimmable - 10W, E27	64
NLLED/3.5/ GU10/827	£3.14 1 off	LED 240V GU10 - 3.5W 2700K Non Dimmable	67
NLLED/3.5/ GU10/840	£3.14 1 off	LED 240V GU10 - 3.5W 4000K Non Dimmable	67
NLLED/5.5/ CAND/827/B22	£3.59 1 off	LED Candle - 5.5W, B22	66
NLLED/5.5/ CAND/827/E14	£3.59 1 off	LED Candle - 5.5W, E14	66
NLLED/5.5/ GU10/827/DIM	£5.35 1 off	LED 240V GU10 - 5.5W 2700K Non Dimmable	67
NLLED/5.5/ GU10/840/DIM	£5.35 1 off	LED 240V GU10 - 5.5W 4000K Non Dimmable	67
NLLED/5/ GU10/827	£3.53 1 off	LED 240V GU10 - 5W 2700K Non Dimmable	67
NLLED/5/ GU10/840	£3.53 1 off	LED 240V GU10 - 5W 4000K Non Dimmable	67
NLLED/5/ MR16/827	£5.04 1 off	LED 12V MR16 GU5.3 - 5W 2700K	67
NLLED/5/ MR16/840	£5.04 1 off	LED 12V MR16 GU5.3 - 5W 4000K	67
NLLED/6/ GLS/827/B22	£4.49 1 off	LED GLS - Non Dimmable - 6W, B22	64
NLLED/6/ GLS/827/E27	£4.49 1 off	LED GLS - Non Dimmable - 6W, E27	64
NLLED/9/ GLS/827/B22	£5.89 1 off	LED GLS - Non Dimmable - 9W, B22	64
NLLED/9/ GLS/827/E27	£5.89 1 off	LED GLS - Non Dimmable - 9W, E27	64
NLLED150LEAD	£1.40 1 off	150mm Extension Lead for LED	56
NLLED300LEAD	£1.51 1 off	300mm Extension Lead for LED	56
NLLED500LEAD	£1.77 1 off	500mm Extension Lead for LED	56
NLLH120L1	£4.43 1 off	Eco Linear Halogen - 120W	68
NLLH120S1	£4.43 1 off	Eco Linear Halogen - 120W	68
NLLH160L1	£4.43 1 off	Eco Linear Halogen - 160W	68
NLLH230L1	£4.43 1 off	Eco Linear Halogen - 230W	68
NLLH400L1	£4.43 1 off	Eco Linear Halogen - 400W	68
NLLH80S1	£4.43 1 off	Eco Linear Halogen - 80W	68
NLLHWLB	£31.97 1 off	Half Wall LED Lanterns - 10W	45

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NLLHWLBPIR	£38.34 1 off	Half Wall LED Lanterns - 10W + PIR	45
NLLPF100LVTA	£56.41 1 off	4" (100mm) Low Profile Fans - 100mm, Timer, SELV	243
NLLPF100LVTHA	£73.40 1 off	4" (100mm) Low Profile Fans - 100mm, Pullcord, Humidistat, SELV	243
NLLPF100TA	£25.29 1 off	4" (100mm) Low Profile Fans - 100mm, Timer	243
NLLRB1	£27.08 1 off	Standard LED Bulkheads - 8W	44
NLLRB1PIR	£31.40 1 off	Standard LED Bulkheads - 8W + PIR	44
NLLRB2	£35.67 1 off	Decorative LED Bulkheads - 5W	44
NLLRB2PIR	£44.18 1 off	Decorative LED Bulkheads - 5W + PIR	44
NLLRBE	£13.76 1 off	Resettable Call Point - Single Pole	93
NLLRBEDP	£15.81 1 off	Resettable Call Point - Double Pole	93
NLLRBGBV	£28.93 1 off	Flush Stainless Green Dome Exit Button 85 x 85 x 30mm	93
NLLRBPGB	£10.82 1 off	Surface Mount Green Dome Exit Button 85 x 85 x 30mm	93
NLLRBSBV	£11.26 1 off	Surface Mount Single Gang Exit Button 85 x 85 x 30mm	93
NLLRBV	£12.58 1 off	Flush Stainless Steel Exit Button 85 x 85 x 30mm	93
NLLRMAGS1	£42.34 1 off	Slimline Magnet	92
NLLRMAGS2	£48.25 1 off	Slimline Magnet Monitored	92
NLLRMAGS4	£22.91 1 off	Slimline Magnet Z&L Bracket	92
NLLRMAGT1	£53.22 1 off	Standard Magnet	92
NLLRMAGT2	£62.91 1 off	Standard Magnet Monitored	92
NLLRMAGT4	£22.91 1 off	Standard Magnet Z&L Bracket	92
NLLRPSU	£35.15 1 off	Power Supply Unit - 1 Amp	92
NLLT050PG	POA	Cable Tray - Light Duty Equal Tee - 50mm	120
NLLT075PG	POA	Cable Tray - Light Duty Equal Tee - 75mm	120
NLLT1	£73.45 1 off	Lamp Tester, 60 - 250V AC	273
NLLT100PG	POA	Cable Tray - Light Duty Equal Tee - 100mm	120
NLLT150PG	POA	Cable Tray - Light Duty Equal Tee - 150mm	120
NLLT2230	POA	Lighting Trunking	118
NLLT225PG	POA	Cable Tray - Light Duty Equal Tee - 225mm	120
NLLT22BI90	POA	Lighting Trunking - 90º Bend Internal Cover	118
NLLT22BO90	POA	Lighting Trunking - 90º Bend External Cover	118
NLLT22BT90	POA	Lighting Trunking - 90º Bend Top Cover	118
NLLT22BTT	POA	Lighting Trunking - Tee Top Cover	118
NLLT22GFT	POA	Lighting Trunking - Four Way Top Cover	118
NLLT300PG	POA	Cable Tray - Light Duty Equal Tee - 300mm	120
NLLTCOUP	POA	Lighting Trunking Coupler	119
NLLTLID20PG	POA	Lighting Trunking - Cover - Galvanised Steel	118
NLLTLID20PL	POA	Lighting Trunking - Cover - White	118
NLLTSUS11	POA	Lighting Trunking Suspension Bracket	119
NLLTSUS20	POA	Lighting Trunking Suspension Bracket	119
NLLTSUSFIT	POA	Lighting Trunking Lighting Attachment	119

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NLLUL1	£12.66 1 off	LED Undershelf Link Lights - 4W	56
NLLUL2	£15.36 1 off	LED Undershelf Link Lights - 7W	56
NLLUL3	£19.20 1 off	LED Undershelf Link Lights - 14W	56
NLLUL4	£22.32 1 off	LED Undershelf Link Lights - 18W	56
NLM42	£45.43 1 off	PVC Conduit & Trunking Cutter	144 & 283
NLMAB075PG	POA	Cable Tray - Medium Duty Adjustable Bend - 75mm	121
NLMAB100PG	POA	Cable Tray - Medium Duty Adjustable Bend - 100mm	121
NLMAB150PG	POA	Cable Tray - Medium Duty Adjustable Bend - 150mm	121
NLMAB225PG	POA	Cable Tray - Medium Duty Adjustable Bend - 225mm	121
NLMAB300PG	POA	Cable Tray - Medium Duty Adjustable Bend - 300mm	121
NLMAB450PG	POA	Cable Tray - Medium Duty Adjustable Bend - 450mm	121
NLMAB600PG	POA	Cable Tray - Medium Duty Adjustable Bend - 600mm	121
NLMAR075PG	POA	Cable Tray - Medium Duty Riser - 75mm	121
NLMAR100PG	POA	Cable Tray - Medium Duty Riser - 100mm	121
NLMAR150PG	POA	Cable Tray - Medium Duty Riser - 150mm	121
NLMAR225PG	POA	Cable Tray - Medium Duty Riser - 225mm	121
NLMAR300PG	POA	Cable Tray - Medium Duty Riser - 300mm	121
NLMAR450PG	POA	Cable Tray - Medium Duty Riser - 450mm	121
NLMAR600PG	POA	Cable Tray - Medium Duty Riser - 600mm	121
NLMAS10X120	£7.40 1 off	Drills - Masonry - 10 x 120mm	290
NLMAS5.5X150	£6.32 1 off	Drills - Masonry - 5.5 x 150mm	290
NLMAS5.5X85	£4.03 1 off	Drills - Masonry - 5.5 x 85mm	290
NLMAS5X150	£5.88 1 off	Drills - Masonry - 5 x 150mm	290
NLMAS5X85	£3.92 1 off	Drills - Masonry - 5 x 85mm	290
NLMAS6.5X100	£4.68 1 off	Drills - Masonry - 6.5 x 100mm	290
NLMAS6.5X150	£6.86 1 off	Drills - Masonry - 6.5 x 150mm	290
NLMAS6X100	£4.14 1 off	Drills - Masonry - 6 x 100mm	290
NLMAS6X150	£6.21 1 off	Drills - Masonry - 6 x 150mm	290
NLMAS7X100	£5.12 1 off	Drills - Masonry - 7 x 100mm	290
NLMAS7X150	£7.08 1 off	Drills - Masonry - 7 x 150mm	290
NLMAS8X150	£7.40 1 off	Drills - Masonry - 8 x 150mm	290
NLMAS8X400	£22.96 1 off	Drills - Masonry - 8 x 400mm	290
NLMB07590PG	POA	Cable Tray - Medium Duty Flat Bend - 75mm	121
NLMB10090PG	POA	Cable Tray - Medium Duty Flat Bend - 100mm	121
NLMB15090PG	POA	Cable Tray - Medium Duty Flat Bend - 150mm	121
NLMB22590PG	POA	Cable Tray - Medium Duty Flat Bend - 225mm	121
NLMB30090PG	POA	Cable Tray - Medium Duty Flat Bend - 300mm	121
NLMB45090PG	POA	Cable Tray - Medium Duty Flat Bend - 450mm	121
NLMB60090PG	POA	Cable Tray - Medium Duty Flat Bend - 600mm	121
NLMDFN	£55.10 1 off	Metal Fastening Nail - Push in Fastener 6 x 36mm	202 & 298

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NLMDR	£306.83 1 off	Magnetic Door Release 1.5 Amp PSU	86
NLMDSS	£72.05 1 off	Multipoint Detector with Sounder/Strobe - For 2 Wire Alarm System	81
NLME302015R	£62.97 1 off	Wall Mount Steel Enclosures 300 x 200 x 155mm	234
NLME303021R	£74.94 1 off	Wall Mount Steel Enclosures 300 x 300 x 210mm	234
NLME383821R	£100.40 1 off	Wall Mount Steel Enclosures 400 x 300 x 210mm	234
NLME403021R	£88.88 1 off	Wall Mount Steel Enclosures 380 x 380 x 210mm	234
NLME504021R	£111.75 1 off	Wall Mount Steel Enclosures 500 x 400 x 210mm	234
NLME505021R	£140.18 1 off	Wall Mount Steel Enclosures 500 x 500 x 210mm	234
NLME603821R	£119.33 1 off	Wall Mount Steel Enclosures 600 x 380 x 210mm	234
NLME606025R	£181.86 1 off	Wall Mount Steel Enclosures 600 x 600 x 250mm	234
NLME766035R	£248.22 1 off	Wall Mount Steel Enclosures 760 x 600 x 210mm	234
NLMEB151580	£47.12 1 off	Wall Mount Steel Electrical Box Hinged Door 150 x 150 x 80mm	236
NLMEB202012	£51.20 1 off	Wall Mount Steel Electrical Box Hinged Door 200 x 200 x 120mm	236
NLMEB203012	£60.40 1 off	Wall Mount Steel Electrical Box Hinged Door 200 x 300 x 120mm	236
NLMEB303012	£69.33 1 off	Wall Mount Steel Electrical Box Hinged Door 300 x 300 x 120mm	236
NLMEB304012	£75.93 1 off	Wall Mount Steel Electrical Box Hinged Door 300 x 400 x 120mm	236
NLMEC1	POA	Channel - Metal - 12mm	141
NLMEC2	POA	Channel - Metal - 25mm	141
NLMEC3	POA	Channel - Metal - 38mm	141
NLMELOCKR	£9.21 1 off	Steel Enclosure Key Lock (Qty 1)	234
NLMEMBRKT	£16.20 1 off	Steel Enclosure Wall Mounting Bracket (Qty 4)	234
NLMF2A	£1.67 1 off	Data & AV Module Frames - 1 Gang	157, 171 & 210
NLMF4A	£3.69 1 off	Data & AV Module Frames - 2 Gang	157, 171 & 210
NLMFT1	£776.29 1 off	Digital 5-In-1 Multifunction Tester	272
NLMG1000	£43.32 1 off	Magic Gel - Blue 1 Litre	167
NLMG2C	£4.65 1 off	Gel Connector Covers - 2 Poles	101
NLMG2C	£4.65 1 off	Gel Connector Covers - 2 Poles	165 & 203
NLMG3C	£6.00 1 off	Gel Connector Covers - 3 Poles	101, 165 & 203
NLMG4032A	£17.93 1 off	Cable Glands - Consumer Unit - Adapter	105
NLMGC2011TE	£8.31 1 off	Cable Glands - Consumer Unit - Brass, Gland Size 20mm, Cable Type 1x1/1.5mm T&E	105
NLMGC2012TE	£8.31 1 off	Cable Glands - Consumer Unit - Brass, Gland Size 20mm, Cable Type 1x2.5/4mm T&E	105
NLMGC2016TE	£8.31 1 off	Cable Glands - Consumer Unit - Brass, Gland Size 20mm, Cable Type 1x6mm T&E	105
NLMGC2522TE	£14.14 1 off	Cable Glands - Consumer Unit - Brass, Gland Size 25mm, Cable Type 2x2.5mm T&E	105
NLMGC32110TE	£26.13 1 off	Cable Glands - Consumer Unit - Brass, Gland Size 32mm, Cable Type 1x10mm T&E	105
NLMGC3216TAIL	£26.18 1 off	Cable Glands - Consumer Unit - Brass, Gland Size 32mm, Cable type 2x16mm, 1x16mm	105
NLMGC40116TE	£40.32 1 off	Cable Glands - Consumer Unit - Brass, Gland Size 40mm, Cable Type 1x16mm T&E	105
NLMGC4025TAIL	£40.21 1 off	Cable Glands - Consumer Unit - Brass, Gland Size 40mm, Cable type 2x25mm 1x16mm	105
NLMGCF2011TE	£20.35 1 off	Cable Glands - Consumer Unit Fast Fit - Brass, Gland Size 20mm, Cable Type 1x1/1.5mm T&E	105
NLMGCF2012TE	£20.35 1 off	Cable Glands - Consumer Unit Fast Fit - Brass, Gland Size 20mm, Cable Type 1x2.5/4mm T&E	105
NLMGCF2016TE	£20.35 1 off	Cable Glands - Consumer Unit Fast Fit - Brass, Gland Size 20mm, Cable Type 1x6mm T&E	105
NLMGCF2522TE	£34.60 1 off	Cable Glands - Consumer Unit Fast Fit - Brass, Gland Size 25mm, Cable Type 2x2.5mm T&E	105
NLMGCF32110TE	£50.55 1 off	Cable Glands - Consumer Unit Fast Fit - Brass, Gland Size 32mm, Cable Type 1x10mm T&E	105
NLMGCF3216TAIL	£50.88 1 off	Cable Glands - Consumer Unit Fast Fit - Brass, Gland Size 32mm, Cable type 2x16mm, 1x16mm	105
NLMGCF40116TE	£75.68 1 off	Cable Glands - Consumer Unit Fast Fit - Brass, Gland Size 40mm, Cable Type 1x16mm T&E	105
NLMGCF4025TAIL	£75.68 1 off	Cable Glands - Consumer Unit Fast Fit - Brass, Gland Size 40mm, Cable type 2x25mm 1x16mm	105
NLMGP1000	£51.84 1 off	Magic Power Gel - Blue 1 Litre	167 & 227
NLMGW280	£19.93 1 off	Wonder Gel - Clear 280ml	167
NLMHDE150	£13.21 1 off	Metal Halide Quartz Double Ended 150W Rx7s	73
NLMHDE70	£13.21 1 off	Metal Halide Quartz Double Ended 70W Rx7s	73
NLMHW3KW	£70.38 1 off	Manual Handwash	264
NLMLT050PG	POA	Cable Tray - Medium Duty - 50mm	121
NLMLT075PG	POA	Cable Tray - Medium Duty - 75mm	121
NLMLT100PG	POA	Cable Tray - Medium Duty - 100mm	121
NLMLT150PG	POA	Cable Tray - Medium Duty - 150mm	121
NLMLT225PG	POA	Cable Tray - Medium Duty - 225mm	121
NLMLT300PG	POA	Cable Tray - Medium Duty - 300mm	121
NLMLT450PG	POA	Cable Tray - Medium Duty - 450mm	121
NLMLT600PG	POA	Cable Tray - Medium Duty - 600mm	121
NLMR4N	£20.14 1 off	Batten Attachments - Metal Reflector, 4ft	23
NLMR5N	£20.29 1 off	Batten Attachments - Metal Reflector, 5ft	23
NLMR6N	£24.30 1 off	Batten Attachments - Metal Reflector, 6ft	23
NLMS432	£31.59 1 off	Masonry Screws - 4.8 x 32mm	298
NLMS445	£41.24 1 off	Masonry Screws - 4.8 x 45mm	298
NLMSD4N	£14.71 1 off	Cavity Fixings - Metal Self Drill	297
NLMSD5	£46.98 1 off	Cavity Fixings - Metal Self Drill	297
NLMT075PG	POA	Cable Tray - Medium Duty Equal Tee - 75mm	121
NLMT100PG	POA	Cable Tray - Medium Duty Equal Tee - 100mm	121
NLMT150PG	POA	Cable Tray - Medium Duty Equal Tee - 150mm	121
NLMT225PG	POA	Cable Tray - Medium Duty Equal Tee - 225mm	121
NLMT2H	POA	Cable - Meter Tails	98
NLMT300PG	POA	Cable Tray - Medium Duty Equal Tee - 300mm	121
NLMT450PG	POA	Cable Tray - Medium Duty Equal Tee - 450mm	121
NLMT600PG	POA	Cable Tray - Medium Duty Equal Tee - 600mm	121
NLMTA1	£2.06 1 off	Mini Trunking - Accessories, External Coupler, 16 x 16mm	143
NLMTA10	£2.06 1 off	Mini Trunking - Accessories, External Coupler, 25 x 16mm	143
NLMTA11	£2.06 1 off	Mini Trunking - Accessories, End Cap, 25 x 16mm	143
NLMTA12	£1.50 1 off	Mini Trunking - Accessories, 90º Flat Angle, 25 x 16mm	143
NLMTA13	£1.50 1 off	Mini Trunking - Accessories, 90º External Angle, 25 x 16mm	143
NLMTA14	£1.50 1 off	Mini Trunking - Accessories, 90º Internal Angle, 25 x 16mm	143
NLMTA15	£2.51 1 off	Mini Trunking - Accessories, Flat Tee, 25 x 16mm	143

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NLMTA16	£1.42 1 off	Mini Trunking - Accessories, Adaptor	143
NLMTA2	£1.75 1 off	Mini Trunking - Accessories, End Cap, 16 x 16mm	143
NLMTA20	£2.92 1 off	Mini Trunking - Accessories, External Coupler, 40 x 25mm	143
NLMTA21	£2.08 1 off	Mini Trunking - Accessories, End Cap, 40 x 25mm	143
NLMTA22	£3.75 1 off	Mini Trunking - Accessories, 90º Flat Angle, 40 x 25mm	143
NLMTA23	£3.75 1 off	Mini Trunking - Accessories, 90º External Angle, 40 x 25mm	143
NLMTA24	£3.75 1 off	Mini Trunking - Accessories, 90º Internal Angle, 40 x 25mm	143
NLMTA25	£4.01 1 off	Mini Trunking - Accessories, Flat Tee, 40 x 25mm	143
NLMTA3	£1.50 1 off	Mini Trunking - Accessories, 90º Flat Angle, 16 x 16mm	143
NLMTA30	£2.92 1 off	Mini Trunking - Accessories, External Coupler, 40 x 40mm	143
NLMTA31	£2.51 1 off	Mini Trunking - Accessories, End Cap, 40 x 40mm	143
NLMTA32	£4.59 1 off	Mini Trunking - Accessories, 90º Flat Angle, 40 x 40mm	143
NLMTA33	£4.59 1 off	Mini Trunking - Accessories, 90º External Angle, 40 x 40mm	143
NLMTA34	£4.59 1 off	Mini Trunking - Accessories, 90º Internal Angle, 40 x 40mm	143
NLMTA35	£4.97 1 off	Mini Trunking - Accessories, Flat Tee, 40 x 40mm	143
NLMTA4	£1.50 1 off	Mini Trunking - Accessories, 90º External Angle, 16 x 16mm	143
NLMTA40	£8.47 1 off	Mini Trunking - Accessories, External Coupler, 50 x 50mm	143
NLMTA41	£3.86 1 off	Mini Trunking - Accessories, End Cap, 50 x 50mm	143
NLMTA42	£11.21 1 off	Mini Trunking - Accessories, 90º Flat Angle, 50 x 50mm	143
NLMTA43	£10.62 1 off	Mini Trunking - Accessories, 90º External Angle, 50 x 50mm	143
NLMTA44	£10.62 1 off	Mini Trunking - Accessories, 90º Internal Angle, 50 x 50mm	143
NLMTA45	£13.83 1 off	Mini Trunking - Accessories, Flat Tee, 50 x 50mm	143
NLMTA5	£1.50 1 off	Mini Trunking - Accessories, 90º Internal Angle, 16 x 16mm	143
NLMTA50	£11.67 1 off	Boxes - Surface PVC - Square Corners - 1 Gang, for use with Mini Trunking	142 & 163
NLMTA51	£20.83 1 off	Boxes - Surface PVC - Square Corners - 2 Gang, for use with Mini Trunking	142 & 163
NLMTA6	£2.51 1 off	Mini Trunking - Accessories, Flat Tee, 16 x 16mm	143
NLMTA60	£11.67 1 off	Boxes - Trunking Surface PVC Round Corners, 1 Gang	142 & 163
NLMTA61	£20.83 1 off	Boxes - Trunking Surface PVC Round Corners, 2 Gang	142 & 163
NLMTB151512	£34.06 1 off	Wall Mount Steel Terminal Box Screw Lid 150 x 150 x 120mm	236
NLMTB151580	£30.52 1 off	Wall Mount Steel Terminal Box Screw Lid 150 x 150 x 80mm	236
NLMTB202012	£38.61 1 off	Wall Mount Steel Terminal Box Screw Lid 200 x 200 x 120mm	236
NLMTB202080	£35.79 1 off	Wall Mount Steel Terminal Box Screw Lid 200 x 200 x 80mm	236
NLMTB301512	£39.65 1 off	Wall Mount Steel Terminal Box Screw Lid 300 x 150 x 120mm	236
NLMTB302012	£42.87 1 off	Wall Mount Steel Terminal Box Screw Lid 300 x 200 x 120mm	236
NLMTB303012	£52.07 1 off	Wall Mount Steel Terminal Box Screw Lid 300 x 300 x 120mm	236
NLMTB403012	£57.02 1 off	Wall Mount Steel Terminal Box Screw Lid 400 x 300 x 120mm	236
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NLNFT	£11.13 1 off	Fish Tape - Nylon, 20M	144, 205 & 288

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NLNITD20	£24.06 1 off	Fuses - BS 88 Cartridge Type NITD 20A	216
NLNITD20M32	£29.92 1 off	Fuses - BS 88 Cartridge Type NITD 20M32	216
NLNITD25	£27.38 1 off	Fuses - BS 88 Cartridge Type NITD 25A	216
NLNITD32	£27.38 1 off	Fuses - BS 88 Cartridge Type NITD 32A	216
NLNITD4	£21.69 1 off	Fuses - BS 88 Cartridge Type NITD 4A	216
NLNITD6	£21.69 1 off	Fuses - BS 88 Cartridge Type NITD 6A	216
NLNY20AF	£4.23 1 off	Flexible Conduit - Nylon, 90º Fitting, 20mm	137
NLNY20ATSE	£6.38 1 off	Flexible Conduit - Nylon, IP68, 90º Fitting, 20mm	136
NLNY20ATSS	£4.62 1 off	Flexible Conduit - Nylon, IP68, Straight Fitting, 20mm	136
NLNY20CCB	£7.68 1 off	Flexible Conduit - Nylon, Conduit Clip - Pack 10, 20mm	137
NLNY20KITP	£47.63 1 off	Flexible Conduit, Premium Nylon 20mm Black Conduit Kit	136
NLNY20SF	£2.69 1 off	Flexible Conduit - Nylon, Straight Fitting, 20mm	137
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NLNY25ATSE	£7.95 1 off	Flexible Conduit - Nylon, IP68, 90º Fitting, 25mm	136
NLNY25ATSS	£5.84 1 off	Flexible Conduit - Nylon, IP68, Straight Fitting, 25mm	136
NLNY25CCB	£8.76 1 off	Flexible Conduit - Nylon, Conduit Clip - Pack 10, 25mm	137
NLNY25KITP	£63.70 1 off	Flexible Conduit, Premium Nylon 25mm Black Conduit Kit	136
NLNY25SF	£3.17 1 off	Flexible Conduit - Nylon, Straight Fitting, 25mm	137
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NLOLC4	£32.12 1 off	Overload Relay - 4A to 6A	223
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NLP1116P	£11.82 1 off	Industrial Plug Screwless Terminals, 16A, 2P+E, 110V	194
NLP1116SS*	£127.82 1 off	Industrial Switched Interlock Sockets, 16A, 2P+E, 110V	197
NLP1116WS	£16.54 1 off	Industrial Wall Socket Screwless Terminals, 16A, 2P+E, 110V	195
NLP1132C	£27.02 1 off	Industrial Connector Screwless Terminals, 32A, 2P+E, 110V	194
NLP1132P	£21.00 1 off	Industrial Plug Screwless Terminals, 32A, 2P+E, 110V	194
NLP1132SS	£193.73 1 off	Industrial Switched Interlock Sockets, 32A, 2P+E, 110V	197
NLP1132WS	£23.37 1 off	Industrial Wall Socket Screwless Terminals, 32A, 2P+E, 110V	195
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NLP2316C	£15.36 1 off	Industrial Connector Screwless Terminals, 16A, 2P+E, 230V	194
NLP2316P	£10.20 1 off	Industrial Plug Screwless Terminals, 16A, 2P+E, 230V	194
NLP2316SS*	£131.77 1 off	Industrial Switched Interlock Sockets, 16A, 2P+E, 230V	197
NLP2316SS67*	£158.02 1 off	Industrial Switched Interlock Socket, 16A, 2P+E, 230V, IP67	197
NLP2316WS	£16.54 1 off	Industrial Wall Socket Screwless Terminals, 16A, 2P+E, 230V	195
NLP2332C	£27.02 1 off	Industrial Connector Screwless Terminals, 32A, 2P+E,230V	194
NLP2332P	£21.00 1 off	Industrial Plug Screwless Terminals, 32A, 2P+E, 230V	194
NLP2332SS	£193.73 1 off	Industrial Switched Interlock Sockets, 32A, 2P+E, 230V	197
NLP2332SS67	£217.09 1 off	Industrial Switched Interlock Socket, 32A, 2P+E, 230V, IP67	197
NLP2332WS	£23.37 1 off	Industrial Wall Socket Screwless Terminals, 32A, 2P+E, 230V	195
NLP2363C	£114.03 1 off	Industrial Connector Screwless Terminals, 63A, 2P+E, 230V	194
NLP2363P	£103.13 1 off	Industrial Plug Screwless Terminals, 63A, 2P+E, 230V	194
NLP2363SS	£337.05 1 off	Industrial Switched Interlock Sockets, 63A, 2P+E, 230V	197
NLP2363WS	£144.24 1 off	Industrial Wall Socket Screwless Terminals, 63A, 2P+E, 230V	195
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NLP33006	POA	Channel - Standard Strut, Shallow 21 x 41mm, 6M	122
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NLP40125SS67	£1,260.85 1 off	Industrial Switched Interlock Socket, 125A, 3P+N+E, 400V, IP67	197
NLP4016C	£23.02 1 off	Industrial Connector Screwless Terminals, 16A, 3P+E, 400V	194
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NLP4016NP	£19.68 1 off	Industrial Plug Screwless Terminals, 16A, 3P+N+E, 400V	194
NLP4016NSS	£152.68 1 off	Industrial Switched Interlock Sockets, 16A, 3P+N+E, 400V	197
NLP4016NWS	£22.51 1 off	Industrial Wall Socket Screwless Terminals, 16A, 3P+N+E, 400V	195
NLP4016P	£18.42 1 off	Industrial Plug Screwless Terminals, 16A, 3P+E, 400V	194
NLP4016SS	£145.81 1 off	Industrial Switched Interlock Sockets, 16A, 3P+E, 400V	197
NLP4016SS67	£162.80 1 off	Industrial Switched Interlock Socket, 16A, 3P+N+E, 400V, IP67	197
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NLP4032NP	£24.94 1 off	Industrial Plug Screwless Terminals, 32A, 3P+N+E, 400V	194
NLP4032NSS	£207.20 1 off	Industrial Switched Interlock Sockets, 32A, 3P+N+E, 400V	197
NLP4032NWS	£30.24 1 off	Industrial Wall Socket Screwless Terminals, 32A, 3P+N+E, 400V	195
NLP4032P	£24.28 1 off	Industrial Plug Screwless Terminals, 32A, 3P+E, 400V	194
NLP4032SS	£200.35 1 off	Industrial Switched Interlock Sockets, 32A, 3P+E, 400V	197
NLP4032SS67	£226.63 1 off	Industrial Switched Interlock Socket, 32A, 3P+N+E, 400V, IP67	197
NLP4032WS	£30.61 1 off	Industrial Wall Socket Screwless Terminals, 32A, 3P+E, 400V	195
NLP4063C	£125.17 1 off	Industrial Connector Screwless Terminals, 63A, 3P+E, 400V	194
NLP4063NC	£136.62 1 off	Industrial Connector Screwless Terminals, 63A, 3P+N+E, 400V	194
NLP4063NP	£120.54 1 off	Industrial Plug Screwless Terminals, 63A, 3P+N+E, 400V	194
NLP4063NSS	£343.97 1 off	Industrial Switched Interlock Sockets, 63A, 3P+N+E, 400V	197
NLP4063NWS	£160.72 1 off	Industrial Wall Socket Screwless Terminals, 63A, 3P+N+E, 400V	195
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NLP4063SS	£347.92 1 off	Industrial Switched Interlock Sockets, 63A, 3P+E, 400V	197
NLP4063SS67	£367.10 1 off	Industrial Switched Interlock Socket, 63A, 3P+N+E, 400V, IP67	197
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NLPB10	£4.10 1 off	Anchors - Shield Projection Bolt - M10	295
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NLPB8	£3.06 1 off	Anchors - Shield Projection Bolt - M8	295
NLPBAUXNC	£3.72 1 off	Contact Block - Push Button Contact 1NC	220 & 221
NLPBAUXNO	£3.72 1 off	Contact Block - Push Button Contact 1NO	220 & 221
NLPBBT63508	£38.62 1 off	Terminals - Pre-Insulated: Piggyback, Blue, 6.35 x 0.8mm	106
NLPBENC1	£30.05 1 off	Push Button Station Enclosures Only - One Station (Light Grey/Dark Grey)	220
NLPBENC2	£39.85 1 off	Push Button Station Enclosures Only - Two Station (Light Grey/Dark Grey)	220
NLPBFIT63508	£46.93 1 off	Terminals - Pre-Insulated: Push On, Blue, 6.3 x 0.8mm, Female	107
NLPBMT63508	£37.48 1 off	Terminals - Pre-Insulated: Push On, Blue, 6.35 x 0.8mm, Male	107
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NLPGC2016TE	£1.98 1 off	Cable Glands - Consumer Unit - Polyamide, Gland Size 20mm, Cable Type 1x6mm T&E	105
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NLPGC3216TAIL	£6.60 1 off	Cable Glands - Consumer Unit - Polyamide, Gland Size 32mm, Cable type 2x16mm, 1x16mm	105
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NLPH1500	£124.58 1 off	Panel Convector Heaters - Standard - 1.50kW	254
NLPH1500T	£153.63 1 off	Panel Convector Heaters - 24 Hour Timer - 1.50kW	254
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NLPH750	£102.51 1 off	Panel Convector Heaters - Standard - 0.75kW	254
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NLPIRB1A	£21.04 1 off	Standalone PIR, 140º, Black	47
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NLPIRW1A	£21.04 1 off	Standalone PIR, 140º, White	47
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NLPMTS2	£12.12 1 off	Mini Trunking - Self Adhesive, 16 x 25mm	143
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NLPPECLSTD	£11.62 1 off	Tool lanyard Single carabiner, Length 35" to 42"	134 & 285
NLPPEDCSTD	£13.75 1 off	Tool lanyard Dual carabiner, Length 35" to 42"	134 & 285
NLPPEDLPK	£5.31 1 off	Tool lanyard - Detachable Tool Loops, Pack of 3	134 & 285
NLPPEHLC	£5.50 1 off	Hard hat Lanyard - Clamp	134 & 285
NLPPEWCLXL	£3.70 1 off	Tool Lanyard for Wrist Size 7" to 8 1/2"	134 & 285
NLPPTS11	£1.63 1 off	Dado Trunking Accessories, Cable Retainer Centre	142
NLPPTS12	£1.32 1 off	Dado Trunking Accessories, Cable Retainer Top/Bottom	142
NLPPTS1COMP	£102.18 1 off	Dado Trunking 3 Compartment	142
NLPPTS6025	£5.07 1 off	Dado Trunking Accessories, One Gang Accessory Box - 25mm	142
NLPPTS6035	£5.48 1 off	Dado Trunking Accessories, One Gang Accessory Box - 35mm	142
NLPPTS7025	£5.97 1 off	Dado Trunking Accessories, Two Gang Accessory Box - 25mm	142
NLPPTS7035	£6.42 1 off	Dado Trunking Accessories, Two Gang Accessory Box - 35mm	142
NLPPTS97	£5.41 1 off	Dado Trunking Accessories, Jointing Cover	142
NLPPTSFAL	£93.55 1 off	Dado Trunking Accessories, Flat Elbow	142
NLPPTSLEC6	£29.10 1 off	Dado Trunking Accessories, External Corner CAT 6	142
NLPPTSLIC6	£26.89 1 off	Dado Trunking Accessories, Internal Corner CAT 6	142
NLPPTSLS	£14.72 1 off	Dado Trunking Accessories, End Cap (Set of Right and Left Hand Pair)	142
NLPPTSTLL	£107.18 1 off	Dado Trunking Accessories, Flat Tee	142
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NLPRC2	£5.07 1 off	Conduit - PVC Round - White, 25mm, Light Gauge	144
NLPRC3	£3.88 1 off	Conduit - PVC Round - White, 20mm, Heavy Gauge	144
NLPRC4	£5.45 1 off	Conduit - PVC Round - White, 25mm, Heavy Gauge	144
NLPRC5	£4.98 1 off	Conduit - PVC Round - Black, 20mm, Heavy Gauge	144
NLPRC6	£6.39 1 off	Conduit - PVC Round - Black, 25mm, Heavy Gauge	144
NLPRFIT63508	£48.53 1 off	Terminals - Pre-Insulated: Push On, Red, 6.35 x 0.8mm, Female	107
NLPRMT63508	£37.48 1 off	Terminals - Pre-Insulated: Push On, Red, 6.35 x 0.8mm, Male	107
NLPRV	£46.95 1 off	Pressure Reducing Valve for Unvented Heater	266
NLPS170	£7.36 1 off	Padsaw	284
NLPSU10	£157.32 1 off	Power Supply Switch Mode - 240W	225
NLPSU2.5	£56.60 1 off	Power Supply Switch Mode - 60W	225
NLPSU5	£96.67 1 off	Power Supply Switch Mode - 120W	225
NLPVC20CCB	£19.49 1 off	Flexible Conduit - Steel/PVC, PVC Conduit Clip, 20mm, Pk of 10	137
NLPVC20CCB	£19.49 1 off	Flexible Conduit - Steel/PVC, PVC Conduit Clip, 20mm, Pk of 10	137
NLPVC20KIT	£24.56 1 off	Flexible Conduit - PVC, PVC Conduit Kit - 10m, 20mm	137
NLPVC20KITWH	£33.95 1 off	Flexible Conduit - PVC, PVC 20mm White Conduit Kit	137
NLPVC20SF	£2.07 1 off	Flexible Conduit - PVC, Straight Fitting, 20mm	137
NLPVC25KIT	£39.87 1 off	Flexible Conduit - PVC, PVC Conduit Kit - 10m, 25mm	137
NLPVC25KITWH	£35.30 1 off	Flexible Conduit - PVC, PVC 25mm White Conduit Kit	137
NLPVC25SF	£3.63 1 off	Flexible Conduit - PVC, Straight Fitting, 25mm	137
NLPWC1	£1.73 1 off	Channel - uPVC White 12mm	141
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NLRAIL35	£4.17 1 off	Terminal Rail - Top Hat Shallow, 0.5M Plain	228
NLRAIL3515S	£20.02 1 off	Terminal Rail - Profile C, 2M Slotted	228
NLRAIL35S	£12.93 1 off	Terminal Rail - Top Hat Shallow, 2M Slotted	228
NLRAILASB	£4.94 1 off	Terminal Rail Support	228
NLRBL16	£31.44 1 off	Terminals - Pre-Insulated: Blade, Red, 16mm	107
NLRCA10	£1.17 1 off	Conduit - PVC Round Accessories, White, Spacer Bar Saddle, 20mm	145
NLRCA10FR	£1.45 1 off	Fire Resistant Spacer Bar Saddles - Conduit Size 20mm	145
NLRCA11	£1.20 1 off	Conduit - PVC Round Accessories, Black, Spacer Bar Saddle, 20mm	145

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NLRCA13	£1.21 1 off	Conduit - PVC Round Accessories, Black, Snap-Together Spacer Bar Saddle, 20mm	145
NLRCA14	£1.21 1 off	Conduit - PVC Round Accessories, White, Male Adaptor, 20mm	145
NLRCA15	£1.21 1 off	Conduit - PVC Round Accessories, Black, Male Adaptor, 20mm	145
NLRCA16	£1.31 1 off	Conduit - PVC Round Accessories, White, Female Adaptor, 20mm	145
NLRCA17	£1.31 1 off	Conduit - PVC Round Accessories, Black, Female Adaptor, 20mm	145
NLRCA18	£1.17 1 off	Conduit - PVC Round Accessories, White, Straight Coupler, 20mm	145
NLRCA19	£1.17 1 off	Conduit - PVC Round Accessories, Black, Straight Coupler, 20mm	145
NLRCA20	£3.30 1 off	Conduit - PVC Round Accessories, White, Terminal Box - 1 Way, 20mm	145
NLRCA21	£3.30 1 off	Conduit - PVC Round Accessories, Black, Terminal Box - 1 Way, 20mm	145
NLRCA22	£3.89 1 off	Conduit - PVC Round Accessories, White, Through Box - 2 Way, 20mm	145
NLRCA23	£3.89 1 off	Conduit - PVC Round Accessories, Black, Through Box - 2 Way, 20mm	145
NLRCA24	£4.03 1 off	Conduit - PVC Round Accessories, White, Angle Box - 2 Way, 20mm	145
NLRCA25	£4.03 1 off	Conduit - PVC Round Accessories, Black, Angle Box - 2 Way, 20mm	145
NLRCA26	£3.72 1 off	Conduit - PVC Round Accessories, White, Tee Box - 3 Way, 20mm	145
NLRCA27	£3.72 1 off	Conduit - PVC Round Accessories, Black, Tee Box - 3 Way, 20mm	145
NLRCA28	£3.04 1 off	Conduit - PVC Round Accessories, White, Inspection Elbow, 20mm	145
NLRCA29	£3.04 1 off	Conduit - PVC Round Accessories, Black, Inspection Elbow, 20mm	145
NLRCA30	£5.43 1 off	Conduit - PVC Round Accessories, White, Bend c/w Coupling, 20mm	145
NLRCA31	£5.43 1 off	Conduit - PVC Round Accessories, Black, Bend c/w Coupling, 20mm	145
NLRCA32	£1.14 1 off	Conduit - PVC Round Accessories, White, Circular Lid	145
NLRCA33	£1.14 1 off	Conduit - PVC Round, Circular Lid Accessories, Black	145
NLRCA40	£1.29 1 off	Conduit - PVC Round Accessories, White, Spacer Bar Saddle	145
NLRCA40FR	£1.80 1 off	Fire Resistant Spacer Bar Saddles - Conduit Size 25mm	145
NLRCA41	£1.29 1 off	Conduit - PVC Round Accessories, Black, Spacer Bar Saddle	145
NLRCA42	£1.22 1 off	Conduit - PVC Round Accessories, White, Snap-Together Spacer Bar Saddle, 25mm	145
NLRCA43	£1.22 1 off	Conduit - PVC Round Accessories, Black, Snap-Together Spacer Bar Saddle, 25mm	145
NLRCA44	£1.41 1 off	Conduit - PVC Round Accessories, White, Female Adaptor, 25mm	145
NLRCA45	£1.41 1 off	Conduit - PVC Round Accessories, Black, Female Adaptor, 25mm	145
NLRCA46	£1.43 1 off	Conduit - PVC Round Accessories, White, Male Adaptor, 25mm	145
NLRCA47	£1.43 1 off	Conduit - PVC Round Accessories, Black, Male Adaptor, 25mm	145
NLRCA48	£0.97 1 off	Conduit - PVC Round Accessories, White, Straight Coupler, 25mm	145
NLRCA49	£0.97 1 off	Conduit - PVC Round Accessories, Black, Straight Coupler, 25mm	145
NLRCA50	£4.54 1 off	Conduit - PVC Round Accessories, White, Terminal Box - 1 Way, 25mm	145
NLRCA51	£4.54 1 off	Conduit - PVC Round Accessories, Black, Terminal Box - 1 Way, 25mm	145
NLRCA52	£4.96 1 off	Conduit - PVC Round Accessories, White, Through Box - 2 Way, 25mm	145
NLRCA53	£4.96 1 off	Conduit - PVC Round Accessories, Black, Through Box - 2 Way, 25mm	145
NLRCA54	£4.96 1 off	Conduit - PVC Round Accessories, White, Angle Box - 2 Way, 25mm	145
NLRCA55	£4.96 1 off	Conduit - PVC Round Accessories, Black, Angle Box - 2 Way, 25mm	145
NLRCA56	£5.33 1 off	Conduit - PVC Round Accessories, White, Tee Box - 3 Way, 25mm	145
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NLRCA58	£6.00 1 off	Conduit - PVC Round Accessories, White, Bend c/w Coupling, 25mm	145
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NLRCC240	£137.78 1 off	Ratchet Cable Cutter 240mm^2	283
NLRCC32A	£418.43 1 off	Ratchet Cable Cutter SWA 35mm ø	283
NLRCC400HD	£249.37 1 off	Ratchet Cable Cutter 400mm^2	283
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NLRJ45COUPLER	£13.28 1 off	Data Inline Couplers, RJ45 - RJ45 Cat5/Cat6 Black	210
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NLRODCAPM10B	POA	Threaded Rod End Caps M10	125
NLRODCAPM12B	POA	Threaded Rod End Caps M12	125
NLRODCONM06	POA	Threaded Rod Connector M6	125
NLRODCONM08	POA	Threaded Rod Connector M8	125
NLRODCONM10	POA	Threaded Rod Connector M10	125
NLRODCONM12	POA	Threaded Rod Connector M12	125
NLRODM06	POA	Threaded Rod M6	125 & 302
NLRODM08	POA	Threaded Rod M8	125 & 302
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NLRP12	£23.35 1 off	Terminals - Pre-Insulated: Pin, 12mm, Red	106
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NLRR4	£22.56 1 off	Terminals - Pre-Insulated: Ring, 4mm, Red	106
NLRR5	£22.90 1 off	Terminals - Pre-Insulated: Ring, 5mm, Red	106
NLRR6	£25.40 1 off	Terminals - Pre-Insulated: Ring, 6mm, Red	106
NLRS3.5	£23.58 1 off	Terminals - Pre-Insulated: Spade/Fork, 3.5mm, Red	107
NLRS4	£22.90 1 off	Terminals - Pre-Insulated: Spade/Fork, 4mm, Red	107
NLRT3.5	£8.75 1 off	Re-Threader 3.5mm	287
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NLRU22	POA	Trunking - c/w Lid - 50 x 50mm	114
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NLRU22GBO45	POA	Trunking Bend Outside Cover 45º - 50 x 50mm	115
NLRU22GBI45	POA	Trunking Bend Inside Cover 45º - 50 x 50mm	115
NLRU22GBI90	POA	Trunking Bend Inside Cover 90º - 50 x 50mm	115
NLRU22GBO90	POA	Trunking Bend Outside Cover 90º - 50 x 50mm	115
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NLRU22GBT90	POA	Trunking Bend Top Cover 90º - 50 x 50mm	115
NLRU22GFT	POA	Trunking - Four-Way Box Top Cover - 50 x 50mm	115
NLRU22GTT	POA	Trunking - Tee Top Cover - 50 x 50mm	114
NLRU22H	POA	Trunking Hanging Bracket - 50 x 50mm	116
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NLRU33	POA	Trunking - c/w Lid - 75 x 75mm	114
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NLRU33F	POA	Trunking - Flange Coupling - 75 x 75mm	115
NLRU33FCON	POA	Lighting Trunking Fitting Adaptor - 75 x 75mm	116
NLRU33GBI90	POA	Trunking Bend Inside Cover 90º - 75 x 75mm	115
NLRU33GBO90	POA	Trunking Bend Outside Cover 90º - 75 x 75mm	115
NLRU33GBT45	POA	Trunking Bend Top Cover 45º - 75 x 75mm	115
NLRU33GBT90	POA	Trunking Bend Top Cover 90º - 75 x 75mm	115
NLRU33GFT	POA	Trunking - Four-Way Box Top Cover - 75 x 75mm	115
NLRU33GTT	POA	Trunking - Tee Top Cover - 75 x 75mm	114
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NLRU3CR	POA	Trunking Cable Retainers - 75 x 75mm	116
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NLRU4422R	POA	Trunking Reducer - 100 x 100 to 50 x 50mm	116
NLRU4433R	POA	Trunking Reducer - 100 x 100 to 75 x 75mm	116
NLRU44C	POA	Trunking Couplers - 100 x 100mm	116
NLRU44E	POA	Trunking End Cap Cap - 100 x 100mm	116
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NLRU44GBO90	POA	Trunking Bend Outside Cover 90º - 100 x 100mm	115
NLRU44GBT45	POA	Trunking Bend Top Cover 45º - 100 x 100mm	115
NLRU44GBT90	POA	Trunking Bend Top Cover 90º - 100 x 100mm	115
NLRU44GFT	POA	Trunking - Four-Way Box Top Cover - 100 x 100mm	115
NLRU44GTT	POA	Trunking - Tee Top Cover - 100 x 100mm	114
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NLRU66	POA	Trunking - c/w Lid - 150 x 150mm	114
NLRU6622R	POA	Trunking Reducer - 150 x 150 to 50 x 50mm	116
NLRU6633R	POA	Trunking Reducer - 150 x 150 to 75 x 75mm	116
NLRU6644R	POA	Trunking Reducer - 150 x 150 to 100 x 100mm	116
NLRU66C	POA	Trunking Couplers - 150 x 150mm	116
NLRU66E	POA	Trunking End Cap Cap - 150 x 150mm	116
NLRU66F	POA	Trunking - Flange Coupling - 150 x 150mm	115
NLRU66FCON	POA	Lighting Trunking Fitting Adaptor - 150 x 150mm	116
NLRU66GBI90	POA	Trunking Bend Inside Cover 90º - 150 x 150mm	115
NLRU66GBO90	POA	Trunking Bend Outside Cover 90º - 150 x 150mm	115
NLRU66GBT45	POA	Trunking Bend Top Cover 45º - 150 x 150mm	115
NLRU66GBT90	POA	Trunking Bend Top Cover 90º - 150 x 150mm	115
NLRU66GFT	POA	Trunking - Four-Way Box Top Cover - 150 x 150mm	115
NLRU66GTT	POA	Trunking - Tee Top Cover - 150 x 150mm	114
NLRU66H	POA	Trunking Hanging Bracket - 150 x 150mm	116
NLRU6CR	POA	Trunking Cable Retainers - 150 x 150mm	116
NLRU6LID	POA	Trunking Lid - 150mm	114
NLRVM25C	£171.72 1 off	Starter Reversing Starter Starter 5.5kW 230V	218
NLRVM45C	£183.72 1 off	Starter Reversing Starter Starter 5.5kW 400V	218
NLS1116C	£8.51 1 off	Industrial Connector - 16A 2 P+E, 110V	195
NLS1116P	£5.67 1 off	Industrial Plug - Standard Range - 16A 2 P+E, 110V	195
NLS1132C	£19.06 1 off	Industrial Connector - 32A 2 P+E, 110V	195
NLS1132P	£15.02 1 off	Industrial Plug - Standard Range - 32A 2 P+E, 110V	195
NLS2316C	£8.51 1 off	Industrial Connector - 16A 2 P+E, 230V	195
NLS2316C67	£22.04 1 off	Industrial Connector Screw Terminals, 16A, 2P+E, 230V, IP67	194
NLS2316P	£5.67 1 off	Industrial Plug - Standard Range - 16A 2 P+E, 230V	195
NLS2316P67	£18.00 1 off	Industrial Plug Screw Terminals, 16A, 2P+E, 230V, IP67	194
NLS2332C	£19.06 1 off	Industrial Connector - 32A 2 P+E, 230V	195
NLS2332C67	£33.66 1 off	Industrial Connector Screw Terminals, 32A, 2P+E, 230V, IP67	194
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NLS40125P67	£78.83 1 off	Industrial Plug Screw Terminals, 63A, 3P+N+E, 400V, IP67	194
NLS40125P67	£247.71 1 off	Industrial Plug Screw Terminals, 125A, 3P+N+E, 400V, IP67	194
NLS4016C	£22.52 1 off	Industrial Connector - 16A 3 P+N+E, 400V	195
NLS4016C67	£27.06 1 off	Industrial Connector Screw Terminals, 16A, 3P+N+E, 400V, IP67	194
NLS4016P	£17.37 1 off	Industrial Plug - Standard Range - 16A 3 P+N+E, 400V	195
NLS4016P67	£25.02 1 off	Industrial Plug Screw Terminals, 16A, 3P+N+E, 400V, IP67	194
NLS4032C	£28.66 1 off	Industrial Connector - 32A 3 P+N+E, 400V	195
NLS4032C67	£43.66 1 off	Industrial Connector Screw Terminals, 32A, 3P+N+E, 400V, IP67	194
NLS4032P	£21.11 1 off	Industrial Plug - Standard Range - 32A 3 P+N+E, 400V	195
NLS4032P67	£37.88 1 off	Industrial Plug Screw Terminals, 32A, 3P+N+E, 400V, IP67	194
NLS4063C67	£88.89 1 off	Industrial Connector Screw Terminals, 63A, 3P+N+E, 400V, IP67	194
NLS4304AN	£7.74 1 off	Screws - Machine - Slotted Brass Pan Head, M4 x 6mm	300
NLS4304BN	£10.51 1 off	Screws - Machine - Slotted Brass Pan Head, M4 x 8mm	300
NLS4304CN	£10.59 1 off	Screws - Machine - Slotted Brass Pan Head, M4 x 10mm	300
NLS4304DN	£10.51 1 off	Screws - Machine - Slotted Brass Pan Head, M4 x 12mm	300
NLS4304EN	£12.87 1 off	Screws - Machine - Slotted Brass Pan Head, M4 x 16mm	300
NLS4304FN	£13.19 1 off	Screws - Machine - Slotted Brass Pan Head, M4 x 20mm	300
NLS4304GN	£17.75 1 off	Screws - Machine - Slotted Brass Pan Head, M4 x 25mm	300
NLS4304HN	£12.91 1 off	Screws - Machine - Slotted Brass Pan Head, M4 x 35mm	300
NLS4304JN	£13.80 1 off	Screws - Machine - Slotted Brass Pan Head, M4 x 40mm	300
NLS4304KN	£15.10 1 off	Screws - Machine - Slotted Brass Pan Head, M4 x 50mm	300
NLS4305AN	£5.70 1 off	Screws - Self Tapping - Pozidriv Pan Head, 8 x 1/2"	298
NLS4305BN	£7.01 1 off	Screws - Self Tapping - Pozidriv Pan Head, 8 x 3/4"	298
NLS4305CN	£8.14 1 off	Screws - Self Tapping - Pozidriv Pan Head, 8 x 1"	298
NLS4305DN	£8.14 1 off	Screws - Self Tapping - Pozidriv Pan Head, 8 x 11/2"	298
NLS4317AN	£7.98 1 off	Screws - Machine - Slotted Raised Countersunk, Nickel, M3.5 x 25mm	300
NLS4317BN	£11.08 1 off	Screws - Machine - Slotted Raised Countersunk, Nickel, M3.5 x 35mm	300
NLS4317DN	£12.05 1 off	Screws - Machine - Slotted Raised Countersunk, Nickel, M3.5 x 40mm	300
NLS4317EN	£4.93 1 off	Screws - Machine - Slotted Raised Countersunk, Nickel, M3.5 x 50mm	300
NLS4317FN	£3.93 1 off	Screws - Machine - Slotted Raised Countersunk, Nickel, M3.5 x 75mm	300
NLS4319AN	£6.48 1 off	Screws - Machine - Slotted Raised Round Head, 2BA x 1	300
NLS4319BN	£10.87 1 off	Screws - Machine - Slotted Raised Round Head, 2BA x 2	300
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NLS4320BN	£3.86 1 off	Brass Washers - M4	301
NLS4320C	£11.69 1 off	Nuts - Brass - M6	301
NLS4320D	£4.56 1 off	Brass Washers - M6	301
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NLS4333AN1	£18.11 1 off	Roofing Nuts & Bolts - M6 x 16mm	300
NLS4333BN	£19.01 1 off	Roofing Nuts & Bolts - M6 x 20mm	300
NLS4333CN	£10.79 1 off	Roofing Nuts & Bolts - M6 x 25mm	300
NLS4333DN	£17.34 1 off	Roofing Nuts & Bolts - M6 x 50mm	300
NLS4334AN	£29.15 1 off	Roofing Nuts & Bolts - M6 x 12mm	300
NLS4334BN	£31.46 1 off	Gutter Bolts - Nuts & Bolts - M6 x 16mm	300
NLS4334CN	£32.88 1 off	Gutter Bolts - Nuts & Bolts - M6 x 20mm	300
NLS4334DN	£18.05 1 off	Gutter Bolts - Nuts & Bolts - M6 x 25mm	300
NLS4428BN	£7.05 1 off	Screws - Wood - Pozidriv Round Head Twin Thread, 8 x 1"	299
NLS4428CN	£8.10 1 off	Screws - Wood - Pozidriv Round Head Twin Thread, 8 x 11/4"	299
NLS4428DN	£9.66 1 off	Screws - Wood - Pozidriv Round Head Twin Thread, 8 x 11/2"	299
NLS4428EN	£13.05 1 off	Screws - Wood - Pozidriv Round Head Twin Thread, 8 x 2"	299
NLS4520A	£5.30 1 off	Screws - Drywall - 3.5 x 38mm	299
NLS4626AN	£4.43 1 off	Screws - Wood - Pozidriv Countersunk Twin-Headed, 6 x 3/4"	298
NLS4626BN	£4.43 1 off	Screws - Wood - Pozidriv Countersunk Twin-Headed, 6 x 1"	298
NLS4628AN	£5.36 1 off	Screws - Wood - Pozidriv Countersunk Twin-Headed, 8 x 3/4"	298
NLS4628BN	£5.36 1 off	Screws - Wood - Pozidriv Countersunk Twin-Headed, 8 x 1"	298
NLS4628CN	£7.69 1 off	Screws - Wood - Pozidriv Countersunk Twin-Headed, 8 x 11/4"	298
NLS4628DN	£7.93 1 off	Screws - Wood - Pozidriv Countersunk Twin-Headed, 8 x 11/2"	298
NLS4628EN	£10.49 1 off	Screws - Wood - Pozidriv Countersunk Twin-Headed, 8 x 2"	298
NLS4628FN	£9.56 1 off	Screws - Wood - Pozidriv Countersunk Twin-Headed, 10 x 1"	298
NLS4628GN	£11.19 1 off	Screws - Wood - Pozidriv Countersunk Twin-Headed, 10 x 11/2"	298
NLS4628HN	£14.22 1 off	Screws - Wood - Pozidriv Countersunk Twin-Headed, 10 x 2"	298
NLS4628IN	£9.44 1 off	Screws - Wood - Pozidriv Countersunk Twin-Headed, 10 x 21/2"	298
NLS4628JN	£11.19 1 off	Screws - Wood - Pozidriv Countersunk Twin-Headed, 10 x 3"	298
NLS54BN	£21.28 1 off	Screws - Wood - Slotted Brass Roundhead, 6 x 1"	299
NLS54DN	£26.32 1 off	Screws - Wood - Slotted Brass Roundhead, 8 x 1"	299
NLSA1	£22.97 1 off	Power Detectors & Adaptors - 54 x 44 x 44mm	273
NLSA4	£22.81 1 off	Anchors - Screw - M4	296
NLSA5	£46.71 1 off	Anchors - Screw - M5	296
NLSADSET	£44.87 1 off	Stock & Die Set	110 & 286
NLSAFT	£105.62 1 off	Continuous Running Axial Fans, Timer	240
NLSAFTH	£116.86 1 off	Continuous Running Axial Fans, Pullcord, Timer, Humidistat	240
NLSAT100A	POA	Cable - Satellite -White - CAI Approved	99
NLSATAPEN	£11.12 1 off	Tape - Self Amalgamating - 10M	201
NLSATBLK	POA	Cable - Satellite - Black	99
NLSATBRN	POA	Cable - Satellite - Brown	99

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NLSATSHOTGUNBLK	POA	Cable - RG6 Shotgun Satellite Coaxial Cable, Black	99
NLSATWHT	POA	Cable - Satellite - White	99
NLSAWPP250	£38.71 1 off	Waterpump Pliers - Adjustable	286
NLSB050HG	POA	Cable Tray - Stand Off Bracket - Top Hat 50mm	120
NLSB075HG	POA	Cable Tray - Stand Off Bracket - Top Hat 75mm	120
NLSB100HG	POA	Cable Tray - Stand Off Bracket - Top Hat 100mm	120
NLSB150HG	POA	Cable Tray - Stand Off Bracket - Top Hat 150mm	120
NLSB225HG	POA	Cable Tray - Stand Off Bracket - 'U' 225mm	120
NLSB300HG	POA	Cable Tray - Stand Off Bracket - 'U' 300mm	120
NLSB450HG	POA	Cable Tray - Stand Off Bracket - 'U' 450mm	120
NLSB600HG	POA	Cable Tray - Stand Off Bracket - 'U' 600mm	120
NLSCC1B	£9.98 1 off	Cable Wrap, 20mm, Black	139 & 233
NLSCC2B	£12.96 1 off	Cable Wrap, 25mm, Black	139 & 233
NLSCF	£134.53 1 off	Continuous Running Centrifugal Filterless Fans, Pullcord, Timer, Humidistat	241
NLSCFSELV	£161.83 1 off	Continuous Running Centrifugal Filterless Fans, Pullcord, Timer, Humidistat, SELV	241
NLSCH50W	£69.59 1 off	S-Shaped Electric Towel Rail - 50W Chrome	259
NLSCN	£5.13 1 off	Nails - Capping - Size 25mm	302
NLSCN35	£5.38 1 off	Metal Fastening Nail - SDS Masonry Bit Drill 6 x 160mm	302
NLSD16-32	£70.98 1 off	Step Drill 16-32mm	292
NLSDM215C	£278.78 1 off	Starter Star Delta 15kW 230V	219
NLSDM415C	£298.29 1 off	Starter Star Delta 15kW 400V	219
NLSDS10X160	£16.54 1 off	Drills - SDS/Hammer - 10 x 160mm	290
NLSDS10X210	£22.20 1 off	Drills - SDS/Hammer - 10 x 210mm	290
NLSDS10X450	£44.29 1 off	Drills - SDS/Hammer - 10 x 450mm	290
NLSDS10XL	£66.27 1 off	Drills - SDS/Hammer - 10 x 1000mm Extra Length	290
NLSDS12X160	£20.13 1 off	Drills - SDS/Hammer - 20 x 1000mm	290
NLSDS12X450	£45.27 1 off	Drills - SDS/Hammer - 12 x 450mm	290
NLSDS12XL	£67.62 1 off	Drills - SDS/Hammer - 12 x 1000mm Extra Length	290
NLSDS14X150	£27.42 1 off	Drills - SDS/Hammer - 14 x 150mm	290
NLSDS16X150	£35.04 1 off	Drills - SDS/Hammer - 16 x 150mm	290
NLSDS16X450	£60.39 1 off	Drills - SDS/Hammer - 16 x 450mm	290
NLSDS16XL	£79.25 1 off	Drills - SDS/Hammer - 16 x 1000mm Extra Length	290
NLSDS20CH	£18.90 1 off	SDS Chisels - 250 x 20mm	286
NLSDS20XL	£95.01 1 off	Drills - SDS/Hammer - 20 x 1000mm Extra Length	290
NLSDS25XL	£131.19 1 off	Drills - SDS/Hammer - 25 x 1000mm Extra Length	290
NLSDS3.5X160	£20.24 1 off	Drills - SDS/Hammer - 3.5 x 160mm	290 & 298
NLSDS40CH	£24.23 1 off	SDS Chisels - 250 x 40mm	286
NLSDS5.5X110	£10.88 1 off	Drills - SDS/Hammer - 5.5 x 110mm	290
NLSDS5.5X160	£11.54 1 off	Drills - SDS/Hammer - 5.5 x 160mm	290
NLSDS5X110	£10.88 1 off	Drills - SDS/Hammer - 5 x 110mm	290

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NLSDS5X160	£11.54 1 off	Drills - SDS/Hammer - 5 x 160mm	290
NLSDS6.5X110	£11.54 1 off	Drills - SDS/Hammer - 6.5 x 110mm	290
NLSDS6.5X160	£12.30 1 off	Drills - SDS/Hammer - 6.5 x 160mm	290
NLSDS6X110	£11.54 1 off	Drills - SDS/Hammer - 6 x 110mm	290
NLSDS6X160	£11.54 1 off	Drills - SDS/Hammer - 6 x 160mm	290
NLSDS6X160	£11.54 1 off	Drills - SDS/Hammer - 6 x 160mm	298
NLSDS7X110	£13.71 1 off	Drills - SDS/Hammer - 7 x 110mm	290
NLSDS7X160	£12.73 1 off	Drills - SDS/Hammer - 7 x 160mm	290
NLSDS8X160	£13.71 1 off	Drills - SDS/Hammer - 8 x 160mm	290
NLSDS8X210	£21.98 1 off	Drills - SDS/Hammer - 8 x 210mm	290
NLSDS8X260	£31.34 1 off	Drills - SDS/Hammer - 8 x 260mm	290
NLSDSOCH	£15.60 1 off	SDS Chisels - 250mm Pointed	286
NLSDSSET	£63.44 1 off	Drills - Sets - SDS 5 Piece Metric Set	289
NLSENC	£40.40 1 off	Push Button Station - Start	220
NLSET10	£11.18 1 off	Anchor - Setting Tool M10	125 & 296
NLSET6	£9.85 1 off	Anchor - Setting Tool M6	125 & 296
NLSET8	£10.63 1 off	Anchor - Setting Tool M8	125 & 296
NLSF128HF	£137.69 1 off	Surface Fluorescent Luminaires - T5 High Efficiency, 4ft 1 x 28W	24
NLSF128HFE	£272.10 1 off	Surface Fluorescent Luminaires - T5 High Efficiency Emergency, 4ft 1 x 28W	24
NLSF135HF	£144.99 1 off	Surface Fluorescent Luminaires - T5 High Efficiency, 5ft 1 x 35W	24
NLSF135HFE	£279.37 1 off	Surface Fluorescent Luminaires - T5 High Efficiency Emergency, 5ft 1 x 35W	24
NLSF149HF	£146.41 1 off	Surface Fluorescent Luminaires - T5 High Output, 5ft 1 x 49W	24
NLSF149HFE	£280.82 1 off	Surface Fluorescent Luminaires - T5 High Output Emergency, 5ft 1 x 49W	24
NLSF154HF	£153.68 1 off	Surface Fluorescent Luminaires - T5 High Output, 4ft 1 x 54W	24
NLSF154HFE	£288.08 1 off	Surface Fluorescent Luminaires - T5 High Output Emergency, 4ft 1 x 54W	24
NLSF158	£98.81 1 off	Surface Fluorescent Luminaires - Switch Start, 5ft, 1 x 58W	24
NLSF158E	£230.51 1 off	Surface Fluorescent Luminaires - Switch Start, 5ft, 1 x 58W - Emergency	24
NLSF158HF	£122.21 1 off	Surface Fluorescent Luminaires - High Frequency, 5ft, 1 x 58W	24
NLSF158HFE	£248.56 1 off	Surface Fluorescent Luminaires - High Frequency, 5ft, 1 x 58W - Emergency	24
NLSF170	£91.31 1 off	Surface Fluorescent Luminaires - Switch Start, 6ft, 1 x 70W	24
NLSF170E	£195.61 1 off	Surface Fluorescent Luminaires - Switch Start, 6ft, 1 x 70W - Emergency	24
NLSF170HF	£124.23 1 off	Surface Fluorescent Luminaires - High Frequency, 6ft, 1 x 70W	24
NLSF170HFE	£225.44 1 off	Surface Fluorescent Luminaires - High Frequency, 6ft, 1 x 70W - Emergency	24
NLSF228HF	£150.05 1 off	Surface Fluorescent Luminaires - T5 High Efficiency, 4ft 2 x 28W	24
NLSF228HFE	£284.45 1 off	Surface Fluorescent Luminaires - T5 High Efficiency Emergency, 4ft 2 x 28W	24
NLSF235HF	£165.13 1 off	Surface Fluorescent Luminaires - T5 High Efficiency, 5ft 2 x 35W	24
NLSF235HFE	£306.16 1 off	Surface Fluorescent Luminaires - T5 High Efficiency Emergency, 5ft 2 x 35W	24
NLSF236	£98.81 1 off	Surface Fluorescent Luminaires - Switch Start, 4ft, 2 x 36W	24
NLSF236E	£230.51 1 off	Surface Fluorescent Luminaires - Switch Start, 4ft, 2 x 36W - Emergency	24
NLSF236HF	£126.52 1 off	Surface Fluorescent Luminaires - High Frequency, 4ft, 2 x 36W	24

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NLSF236HFE	£243.10 1 off	Surface Fluorescent Luminaires - High Frequency, 4ft, 2 x 36W - Emergency	24
NLSF249HF	£168.58 1 off	Surface Fluorescent Luminaires - T5 High Output, 5ft 2 x 49W	24
NLSF249HFE	£314.62 1 off	Surface Fluorescent Luminaires - T5 High Output Emergency, 5ft 2 x 49W	24
NLSF254HF	£162.40 1 off	Surface Fluorescent Luminaires - T5 High Output, 4ft 2 x 54W	24
NLSF254HFE	£296.80 1 off	Surface Fluorescent Luminaires - T5 High Output Emergency, 4ft 2 x 54W	24
NLSF258	£108.18 1 off	Surface Fluorescent Luminaires - Switch Start, 5ft, 2 x 58W	24
NLSF258E	£239.84 1 off	Surface Fluorescent Luminaires - Switch Start, 5ft, 2 x 58W - Emergency	24
NLSF258HF	£134.27 1 off	Surface Fluorescent Luminaires - High Frequency, 5ft, 2 x 58W	24
NLSF258HFE	£253.43 1 off	Surface Fluorescent Luminaires - High Frequency, 5ft, 2 x 58W - Emergency	24
NLSF270	£124.59 1 off	Surface Fluorescent Luminaires - Switch Start, 6ft, 2 x 70W	24
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NLSF270HF	£153.18 1 off	Surface Fluorescent Luminaires - High Frequency, 6ft, 2 x 70W	24
NLSF270HFE	£284.62 1 off	Surface Fluorescent Luminaires - High Frequency, 6ft, 2 x 70W - Emergency	24
NLSFT	£25.82 1 off	Fish Tape - Spring Steel, 15M	110, 144, 205 & 288
NLSHOWER1	£64.13 1 off	Easy-Fit Electric Shower	263
NLSHOWER2	£114.01 1 off	Professional Easy-Fit Electric Shower	263
NLSL230	£15.99 1 off	Spirit Level - 230mm (Magnetic Base)	288
NLSL8300/1	£4.45 1 off	Socket Outlets - 1 Gang Switched Slimline	148
NLSL8300/1DP	£6.56 1 off	Socket Outlets - 1 Gang Switched - DP Slimline	148
NLSL8300/1US	£4.26 1 off	Socket Outlets - 1 Gang Unswitched Slimline	148
NLSL8300/2	£5.96 1 off	Socket Outlets - 2 Gang Switched Slimline	148
NLSL8300/2DP	£8.24 1 off	Socket Outlets - 2 Gang Switched - DP Slimline	148
NLSL8300/2US	£8.17 1 off	Socket Outlets - 1 Gang Unswitched Slimline	148
NLSL8300/S1USB	£41.41 1 off	Single 13A Switch Sockets with Twin USB Charger - 1 Gang	148
NLSL8300/ S2USBA	£46.03 1 off	Double 13A Switch Sockets with Twin USB Charger - 2 Gang	148
NLSL8305/12	£18.50 1 off	Dimmer - 1 Gang 2 Way 400W Slimline	149
NLSL8305/22	£30.61 1 off	Dimmer - 2 Gang 2 Way 250W Slimline	149
NLSL8310/11	£1.66 1 off	Plate Switch - 1 Gang 1 Way 10AX Slimline	149
NLSL8310/12	£1.95 1 off	Plate Switch - 1 Gang 2 Way 10AX Slimline	149
NLSL8310/22	£4.04 1 off	Plate Switch - 2 Gang 2 Way 10AX Slimline	149
NLSL8310/32	£9.42 1 off	Plate Switch - 3 Gang 2 Way 10AX Slimline	149
NLSL8310/42	£13.86 1 off	Plate Switch - 4 Gang 2 Way 10AX Slimline	149
NLSL8310/INT	£9.16 1 off	Plate Switch - 1G Intermediate 10AX SW Slimline	149
NLSL8313	£6.83 1 off	Fused Connection Unit - UNSW FCU Slimline	150
NLSL8313/F	£7.69 1 off	Fused Connection Unit - UNSW + F/O FCU Slimline	150
NLSL8313/S	£8.04 1 off	Fused Connection Unit - SW FCU Slimline	150
NLSL8313/SN	£11.89 1 off	Fused Connection Unit - SW + Neon FCU Slimline	150
NLSL8313/SNF	£13.03 1 off	Fused Connection Unit - SW + Neon + F/O FCU Slimline	150
NLSL8320/F	£7.02 1 off	Double Pole Plate Switch - 25A Side F/O PLT Slimline	150
NLSL8320/S	£7.41 1 off	Double Pole Plate Switch 20A Slimline	150

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NLSL8320/SN	£9.66 1 off	Double Pole Plate Switch 20A + Neon Slimline	150
NLSL8320/SNF	£12.03 1 off	Double Pole Plate Switch 20AX DP SW + Neon + F/O Slimline	150
NLSL8320/WH	£12.85 1 off	Double Pole Plate Switch 20A + Neon + Flex Outlet Marked Water Heater Slimline	150
NLSL8345/1N	£18.12 1 off	Double Pole Switches, 1 Gang Switch + Neon Slimline	150
NLSL8345/1N	£20.19 1 off	Double Pole Switches, 2 Gang Switch + Neon Slimline	150
NLSL8345/2NS	£26.96 1 off	Double Pole Switches 45A Cooker Control + 13A SW SKT + Neon Slimline	150
NLSL8345/F	£9.27 1 off	Double Pole Switches 45A Cooker Control - 45A Cooker Cable Outlet Slimline	150
NLSL8360	£10.27 1 off	TP Fan Isolator Slimline	149
NLSL8365	£39.37 1 off	Shaver Socket - 115/230V Dual Voltage Slimline	151
NLSL8370/1	£6.10 1 off	TV/FM Co-Axial - 1 Gang Single Outlet Slimline	151
NLSL8375/MAS	£10.39 1 off	Telephone Outlets - Master Slimline	151
NLSL8375/SEC	£7.59 1 off	Telephone Outlets - Secondary Slimline	151
NLSL8380/1	£1.08 1 off	Blanking Plate - 1 Gang Slimline	151
NLSL8380/2	£1.97 1 off	Blanking Plate - 2 Gang Slimline	151
NLSL8381/1MF	£3.22 1 off	Data Module Frames - Slimline x 1 Module	151 & 171
NLSL8381/2MF	£3.22 1 off	Data Module Frames - Slimline x 2 Module	151 & 171
NLSL8382/4MF	£6.50 1 off	Data Module Frames - Slimline x 4 Module	151 & 171
NLSL8385/116	£1.38 1 off	Switch and Socket Boxes - 1 Gang 16mm Surface Pattress Slimline	163
NLSL8385/125	£1.44 1 off	Switch and Socket Boxes - 1 Gang 25mm Surface Pattress Slimline	163
NLSL8385/147	£3.11 1 off	Switch and Socket Boxes - 1 Gang 47mm Surface Pattress Slimline	163
NLSL8385/225	£2.42 1 off	Switch and Socket Boxes - 2 Gang 25mm Surface Pattress Slimline	163
NLSL8385/247	£4.16 1 off	Switch and Socket Boxes - 2 Gang 47mm Surface Pattress Slimline	163
NLSL8385/DUAL	£4.20 1 off	Switch and Socket Boxes - Dual 25mm Surface Pattress Slimline	163
NLSM125	£48.93 1 off	Purlin Clips T 3.0, Dia 6.5mm	130
NLSN140	£4.20 1 off	Slotted Neon Mains Tester - VDE Insulated	278
NLSON150V	£41.74 1 off	Ballasts - High Intensity Discharge: SON - 150W	58
NLSON250V	£67.92 1 off	Ballasts - High Intensity Discharge: SON - 250W	58
NLSON400V	£84.36 1 off	Ballasts - High Intensity Discharge: SON - 400W	58
NLSON70V	£36.27 1 off	Ballasts - High Intensity Discharge: SON - 70W	58
NLSP1	£49.90 1 off	Safeplate Metal	165, 205 & 299
NLSP12EU	£14.77 1 off	Heat Shrink Multi Packs, Blue, Black, Brown, Grey - Heat Shrink Multi Pack 12.8mm	140
NLSP19EU	£18.18 1 off	Heat Shrink Multi Packs, Blue, Black, Brown, Grey - Heat Shrink Multi Pack 19.1mm	140
NLSP20KITP	£98.76 1 off	Premium Flexible Conduit - Steel/PVC - Premium Steel/PVC 20mm Conduit Kit	137
NLSP20SFF	£6.95 1 off	Flexible Conduit - Steel/PVC - Straight Fixed Fitting, 20mm	137
NLSP20SSF	£8.20 1 off	Flexible Conduit - Steel/PVC - Straight Swivel Fitting, 20mm	137
NLSP25EU	£24.57 1 off	Heat Shrink Multi Pack 25.4mm	140
NLSP6EU	£10.68 1 off	Heat Shrink Multi Pack 6.4mm	140
NLSPANBK	£19.46 1 off	Bushing Spanner 20/25mm	110
NLSPANBK	£19.46 1 off	Bushing Spanner 20/25mm	286
NLSPLIT110	£68.63 1 off	Splitter Box - 110V	61

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NLSS14R	£40.55 1 off	Miniature Photocell, Photodiode	48
NLSSBRKT	£7.94 1 off	Enclosures - Stainless Steel - Wall Brackets	226
NLSSE302015	£147.06 1 off	Enclosures - Stainless Steel - 300 x 200 x 150mm	226
NLSSE303015	£165.44 1 off	Enclosures - Stainless Steel - 300 x 300 x 150mm	226
NLSSE403020	£202.20 1 off	Enclosures - Stainless Steel - 400 x 300 x 200mm	226
NLSSE404020	£210.78 1 off	Enclosures - Stainless Steel - 400 x 400 x 200mm	226
NLSSE504020	£261.03 1 off	Enclosures - Stainless Steel - 500 x 400 x 200mm	226
NLSSE604020	£281.87 1 off	Enclosures - Stainless Steel - 600 x 400 x 200mm	226
NLSSENC	£55.97 1 off	Push Button Station - Start/Stop	220
NLSSS1025	£12.16 1 off	Set Screws - M10 x 25mm	301
NLSSS1030	£13.38 1 off	Set Screws - M10 x 30mm	301
NLSSS1040	£15.64 1 off	Set Screws - M10 x 40mm	301
NLSSS625	£6.48 1 off	Set Screws - M6 x 25mm	301
NLSSS640	£10.91 1 off	Set Screws - M6 x 40mm	301
NLSSS825	£15.64 1 off	Set Screws - M8 x 25mm	301
NLSSS830	£16.90 1 off	Set Screws - M8 x 30mm	301
NLSSTCT1	£130.20 1 off	Stainless Steel Cable Tie Tensioning Tool	283
NLST3	£16.35 1 off	Power Detectors & Adaptors - From Circuit Under Test 70 x 63 x 55mm	273
NLST3.5	£6.97 1 off	Screwdrivers - Slotted Terminal - 3.5mm	278
NLSTDCBRAKE45	£668.10 1 off	Starter Injection Brake Controller DC 5.5kW 400V	219
NLSTDCBRAKE47	£752.45 1 off	Starter Injection Brake Controller DC 7.5kW 400V	219
NLSTF350	£12.45 1 off	Fixings - Spring Toggle - M3 x 50mm	297
NLSTF550	£15.42 1 off	Fixings - Spring Toggle - M5 x 50mm	297
NLSTF580	£30.04 1 off	Fixings - Spring Toggle - M5 x 80mm	297
NLSTM25CSW	£195.16 1 off	Starter DOL With Isolator 5.5kW 230V	218
NLSTM27C	£68.40 1 off	Starter DOL Without Isolator 7.5kW 230V	218
NLSTM45CSW	£195.16 1 off	Starter DOL With Isolator 5.5kW 400V	218
NLSTM47C	£68.40 1 off	Starter DOL Without Isolator 7.5kW 400V	218
NLSW100	£25.80 1 off	Easylock Wire Suspension System - Wire	126
NLSW1004PE	£127.83 1 off	Switch Disconnect Insulated Enclosed - 4 Pole 100A	229
NLSW204ME	£76.16 1 off	Switch Disconnect Steel Enclosed - 4 Pole Compact 20A	229
NLSW204PE	£24.85 1 off	Switch Disconnect Insulated Enclosed - 4 Pole Compact 20A	229
NLSW204PEL	£29.70 1 off	Switch Disconnect Insulated Enclosed - 4 Pole 20A	229
NLSW204SS	£133.55 1 off	Switch Disconnects - Stainless Steel Enclosed 20A	229
NLSW206PE	£63.69 1 off	Switch Disconnect Insulated Enclosed - 6 Pole 20A	229
NLSW324ME	£85.68 1 off	Switch Disconnect Steel Enclosed - 4 Pole Compact 32A	229
NLSW324PE	£32.88 1 off	Switch Disconnect Insulated Enclosed - 4 Pole Compact 32A	229
NLSW324PEL	£42.21 1 off	Switch Disconnect Insulated Enclosed - 4 Pole 32A	229
NLSW324SS	£136.38 1 off	Switch Disconnects - Stainless Steel Enclosed 32A	229
NLSW326PE	£75.10 1 off	Switch Disconnect Insulated Enclosed - 6 Pole 32A	229

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NLSW634ME	£97.19 1 off	Switch Disconnect Steel Enclosed - 4 Pole 63A	229
NLSW634PE	£48.43 1 off	Switch Disconnect Insulated Enclosed - 4 Pole 63A	229
NLSW634SS	£164.50 1 off	Switch Disconnects - Stainless Steel Enclosed 63A	229
NLSW636PE	£139.66 1 off	Switch Disconnect Steel Enclosed - 6 Pole 63A	229
NLSW804PE	£54.88 1 off	Switch Disconnect Insulated Enclosed - 4 Pole 80A	229
NLSWAUX1E	£7.88 1 off	Switch Disconnect Auxiliaries - 1NO + 1NC 20 - 63A	230
NLSWAUX2E	£8.70 1 off	Switch Disconnect Auxiliaries - 1NO + 1NC 80 - 100A	230
NLSWC0252E	£68.92 1 off	Changeover Switch 25A 2P Moulded Enclosed - 2P 25A IP65	230
NLSWC0254E	£71.18 1 off	Changeover Switch 25A 2P Moulded Enclosed - 2P 63A IP65	230
NLSWC0632E	£187.87 1 off	Changeover Switch 63A 4P Moulded Enclosed - 4P 25A IP65	230
NLSWC0634E*	£205.37 1 off	Changeover Switch 63A 2P Moulded Enclosed - 4P 63A IP65	230
NLSWC1002E	£268.20 1 off	Changeover Switch 100A 2P Moulded Enclosed - 2P 100A IP65	230
NLSWH80W	£49.00 1 off	S-Shaped Electric Towel Rail - 80W White	259
NLSWLOCK	£102.13 1 off	Easylock Wire Suspension System - Wire Locking Device + Key	126
NLSWP203E	£26.01 1 off	Switch Disconnect Panel Mounted - 3 Pole 20A	230
NLSWP323E	£31.12 1 off	Switch Disconnect Panel Mounted - 3 Pole 32A	230
NLSWP633E	£39.87 1 off	Switch Disconnect Panel Mounted - 3 Pole 63A	230
NLSWTUB	£122.55 1 off	Easylock Wire Suspension System- Suspension Kit	126
NLT51484	£17.23 1 off	T5 Fluorescent High Efficiency - 14W 2ft	70
NLT52184	£22.28 1 off	T5 Fluorescent High Efficiency - 21W 4ft	70
NLT52484	£22.28 1 off	T5 Fluorescent High Output - 24W - 2ft	70
NLT52884	£22.28 1 off	T5 Fluorescent High Efficiency - 28W 5ft	70
NLT53584	£25.02 1 off	T5 Fluorescent High Efficiency - 35W 6ft	70
NLT53984	£23.65 1 off	T5 Fluorescent High Output - 39W - 4ft	70
NLT54984	£25.02 1 off	T5 Fluorescent High Output - 49W - 6ft	70
NLT55484	£25.02 1 off	T5 Fluorescent High Output - 54W - 5ft	70
NLT58CW	£2.16 1 off	T5 Fluorescent 12" - 8W 4000K	70
NLT58WH	£2.16 1 off	T5 Fluorescent 12" - 8W 3500K	70
NLT5LL14W	£19.42 1 off	T5 Undershelf - Link Lights 14W	56
NLT5LL21W	£25.00 1 off	T5 Undershelf - Link Lights 21W	56
NLT5LL28W	£30.10 1 off	T5 Undershelf - Link Lights 28W	56
NLT5LL8W	£16.74 1 off	T5 Undershelf - Link Lights 8W	56
NLT81884	£16.00 1 off	T8 Fluorescent - 18W 2ft	70
NLT83684	£18.46 1 off	T8 Fluorescent - 36W 4ft	70
NLT85884	£21.19 1 off	T8 Fluorescent - 58W 5ft	70
NLT87084	£39.23 1 off	T8 Fluorescent - 70W 6ft	70
NLTAPE2BLKN	£2.22 1 off	Tape - PVC Insulation - Black, 33M	201
NLTAPE2BLUN	£2.22 1 off	Tape - PVC Insulation - Blue, 33M	201
NLTAPE2BRNN	£2.22 1 off	Tape - PVC Insulation - Brown, 33M	201
NLTAPE2G/YN	£2.22 1 off	Tape - PVC Insulation - Green/Yellow, 33M	201

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NLTAPE2REDN	£2.22 1 off	Tape - PVC Insulation - Red, 33M	201
NLTAPE2WHIN	£2.22 1 off	Tape - PVC Insulation - White, 33M	201
NLTAPE2YELN	£2.22 1 off	Tape - PVC Insulation - Yellow, 33M	201
NLTASK2D38110	£96.15 1 off	Task Lighting - Linkable 2D 38W Task Light 110V	60
NLTASK2D55110	£124.16 1 off	Linkable 2D Task Lighting, 55W 110V	60
NLTASKLED10	£132.68 1 off	LED Task Lighting - 10W Rechargeable	59
NLTASKLED24	£92.22 1 off	LED Task Lighting - 24W	59
NLTB10	£1.36 1 off	Anchors - Through Bolt - M10	295
NLTB8	£1.01 1 off	Anchors - Through Bolt - M8	295
NLTBCONG100A	£12.50 1 off	Certification Books - Electrical Installation Condition Report (For Existing Installations Greater Than 100A)	275
NLTBCONL100A	£12.50 1 off	Certification Books - Electrical Installation Condition Report (For Existing Installations Less Than 100A)	275
NLTBCRTG100A	£12.50 1 off	Certification Books - Electrical Installation Certificate (For New Installations Greater Than 100A)	275
NLTBCRTL100A	£12.50 1 off	Certification Books - Electrical Installation Certificate (For New Installations Less Than 100A)	275
NLTBEL	£12.50 1 off	Certification Books - Emergency Lighting Log Book	275
NLTBMW	£12.50 1 off	Certification Books - Minor Works Certificate	275
NLTBOS	£12.50 1 off	Certification Books - Observation Sheet	275
NLTBPAT	£12.50 1 off	Certification Books - PAT Testing Log Book	275
NLTBTR12W	£12.50 1 off	Certification Books - Test Results up to 12 Ways	275
NLTBTR36W	£12.50 1 off	Certification Books - Test Results up to 36 Ways	275
NLTC10	£7.61 1 off	Connectors - Through - 10mm²	108
NLTC120	£25.47 1 off	Connectors - Through - 120mm²	108
NLTC16	£9.68 1 off	Connectors - Through - 16mm²	108
NLTC25	£14.02 1 off	Connectors - Through - 25mm²	108
NLTC35	£8.29 1 off	Connectors - Through - 35mm²	108
NLTC50	£10.66 1 off	Connectors - Through - 50mm²	108
NLTC70	£12.93 1 off	Connectors - Through - 70mm²	108
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NLTEL2N	POA	Cable - Telephone - 2 Pairs	99
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NLTEL4N	POA	Cable - Telephone - 4 Pairs	99
NLTERM2.5/35	£17.70 1 off	Terminal Packs - 35mm Top Hat Rail, 2.5mm	228
NLTERM4.0/35	£20.22 1 off	Terminal Packs - 35mm Top Hat Rail, 4mm	228
NLTERMEARTH4/35	£53.12 1 off	Terminal Packs - 35mm Top Hat Rail, 4mm Earth	228
NLTERMPK2.5/35	£27.03 1 off	Terminal Packs - 35mm Top Hat Rail, 2.5mm + Earth/End Stop/End plate	228
NLTHERM18	£21.26 1 off	18" Dual Thermostat Resettable Cutout	267
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NLTHS20	£49.34 1 off	Holesaws - Tungsten, 20mm	291
NLTHS22	£53.05 1 off	Holesaws - Tungsten, 22mm	291
NLTHS25	£53.05 1 off	Holesaws - Tungsten, 25mm	291
NLTHS32	£65.57 1 off	Holesaws - Tungsten, 32mm	291
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NLTK5	£10.96 1 off	Trimming Knife - Spare Blades (Pack 10)	287
NLTL3W1	£62.11 1 off	Test Leads - 3-Wire Test Lead Set for MFT's	275
NLTLBOUK	£31.91 1 off	Test Leads - Mains Lead for MFT's	275
NLTLF1	£51.06 1 off	Test Leads - Fused Test Leads Set	275
NLTLFMFT	£91.02 1 off	Test Leads - 3 Wire Fused Lead Set For MFT's	275
NLTLUF1	£28.75 1 off	Test Leads - Un-Fused Test Lead Set	275
NLTMP219BA	£32.18 1 off	Cable Tie Mounts, Black, 19 x 19mm	202
NLTMP219NA	£32.18 1 off	Cable Tie Mounts, Natural, 19 x 19mm	202
NLTMP425BA	£47.47 1 off	Cable Tie Mounts, Black, 28 x 28mm	202
NLTMP425NA	£47.47 1 off	Cable Tie Mounts, Natural, 28 x 28mm	202
NLTRANS1000	£114.66 1 off	Portable Tool Transformers - 2 x 16A	61
NLTRANS1500	£130.71 1 off	Portable Tool Transformers - 2 x 16A	61
NLTRANS3000	£142.51 1 off	Portable Tool Transformers - 2 x 16A	61
NLTRANS5000	£368.54 1 off	Portable Tool Transformers - 2 x 16A & 1 x 32A	61
NLTRIPOD	£32.11 1 off	LED Task Lighting - Tripod	59
NLTRT7DD	£106.92 1 off	Water Heating Controls - Digital Water Heating Timer	261
NLTRT7DM	£106.92 1 off	Water Heating Controls - Analogue Water Heating Timer	261
NLTS01BA	£2.90 1 off	Cable Tie Black 100 x 2.5mm	202
NLTS01NA	£2.90 1 off	Cable Tie Natural 100 x 2.5mm	202
NLTS01SS	£30.40 1 off	Cable Tie Stainless Steel 100 x 4.6mm	202
NLTS02BA	£4.67 1 off	Cable Tie Black 150 x 3.6mm	202
NLTS02NA	£4.67 1 off	Cable Tie Natural150 x 3.6mm	202
NLTS03BA	£5.31 1 off	Cable Tie Black 140 x 2.5mm	202
NLTS03NA	£5.96 1 off	Cable Tie Natural 140 x 2.5mm	202
NLTS04BA	£9.18 1 off	Cable Tie Black 160 x 4.6mm	202
NLTS04NA	£9.18 1 off	Cable Tie Natural 160 x 4.6mm	202
NLTS05BA	£6.92 1 off	Cable Tie Black 200 x 2.5mm	202
NLTS05NA	£6.92 1 off	Cable Tie Natural 200 x 2.5mm	202
NLTS05SS	£42.17 1 off	Cable Tie Stainless Steel 200 x 4.6mm	202
NLTS06BA	£7.89 1 off	Cable Tie Black 200 x 3.6mm	202
NLTS06NA	£7.89 1 off	Cable Tie Natural 200 x 3.6mm	202
NLTS07BA	£10.95 1 off	Cable Tie Black 250 x 4.6mm	202
NLTS07NA	£11.91 1 off	Cable Tie Natural 250 x 4.6mm	202
NLTS08BA	£12.23 1 off	Cable Tie Black 300 x 4.6mm	202
NLTS08NA	£12.23 1 off	Cable Tie Natural 300 x 4.6mm	202
NLTS08SS	£50.92 1 off	Cable Tie Stainless Steel 300 x 4.6mm	202
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NLTS09NA	£19.31 1 off	Cable Tie Natural 385 x 4.6mm	202

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NLTS10BA	£30.74 1 off	Cable Tie Black 385 x 7.6mm	202
NLTS10NA	£30.74 1 off	Cable Tie Natural 385 x 7.6mm	202
NLTS11SS	£72.20 1 off	Cable Tie Stainless Steel 360 x 7.9mm	202
NLTS12SS	£91.96 1 off	Cable Tie Stainless Steel 520 x 7.9mm	202
NLTS13SS	£115.89 1 off	Cable Tie Stainless Steel 680 x 7.9mm	202
NLTS1W	£4.44 1 off	Trailing Socket - 1 Way	181
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NLTS4WHD	£21.38 1 off	Trailing Socket - 4 Way Heavy Duty + Neon	181
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NLTTH1	£16.06 1 off	Thermostatic Tubular Heaters and Guards - 40W 81 x 408 x 80mm	258
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NLTTH4	£37.65 1 off	Thermostatic Tubular Heaters and Guards - 160W 81 x 1323 x 80mm	258
NLTTH6	£52.17 1 off	Thermostatic Tubular Heaters and Guards - 240W 81 x 1933 x 80mm	258
NLTUB1	£33.97 1 off	Fixing Tubs - Wall Plugs & Screws, 5 x 50mm	297
NLTUB2	£26.22 1 off	Fixing Tubs - Wall Plugs & Screws, 4 x 40mm	297
NLTUB3	£53.81 1 off	Fixing Tubs - Metal Self Drill Cavity Fixings & Screws	297
NLUBCJ00	£39.86 1 off	Cable Joint Kit, Resin, Branch, 1.5 - 6mm^2	103
NLUBCJ1	£86.31 1 off	Cable Joint Kit, Resin, Branch, 10 - 16mm^2	103
NLUDB2	POA	Trunking Turnbuckles	116
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NLUSCJ2	£77.06 1 off	Cable Joint Kit, Resin, Straight, 25mm^2	103
NLUSCJ3	£120.77 1 off	Cable Joint Kit, Resin, Straight, 35 - 95mm^2	103
NLUSCJ4	£266.02 1 off	Cable Joint Kit, Resin, Straight, 120mm^2	103
NLUSCJ5	£440.65 1 off	Cable Joint Kit, Resin, Straight, 150 - 185mm^2	103
NLV1	£32.21 1 off	Chain Clip - Spring Clip For Hanging Chain	132
NLV12ETK	£132.61 1 off	VDE Tool Kit - 12 Piece	281
NLV7SPS	£40.63 1 off	VDE Screwdriver & Diagonal Cutter Set - 7 Piece	281
NLVADSCB	£59.10 1 off	Visual Alarm Devices (VADS), White Ceiling Beacon - For Conventional Systems	86
NLVADSSB	£78.42 1 off	Visual Alarm Devices (VADS), Red Sounder Beacon - For Conventional Systems	86
NLVADSWB	£59.71 1 off	Visual Alarm Devices (VADS), Red Wall Beacon - For Conventional Systems	86
NLVCC160	£36.29 1 off	VDE Cable Cutter - 160mm	280
NLVCC200	£43.89 1 off	VDE Cable Cutter - CV 200mm	280
NLVCP180	£27.81 1 off	VDE Pliers - Combination - 180mm	279
NLVCP200	£29.73 1 off	VDE Pliers - Combination - 200mm	279
NLVCT2	£67.06 1 off	Voltage And Continuity Tester	274
NLVCT3	£92.60 1 off	Voltage And Continuity Tester - Digital Display	274
NLVDC140	£26.76 1 off	VDE Cutter - Diagonal - 140mm	279
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NLVHCP225	£38.40 1 off	VDE Pliers - Combination Heavy Duty - 225mm	279
NLVHDC180	£33.49 1 off	VDE Cutter - Diagonal Heavy Duty - 180mm	280
NLVHDC200	£35.07 1 off	VDE Cutter - Diagonal Heavy Duty - 200mm	280
NLVM03	£27.24 1 off	Z Purlin	129
NLVMT	£76.34 1 off	Vented Mixer Tap	265
NLVOS5L	£132.45 1 off	Oversink Vented Water Heater	265
NLVPS3P	£65.97 1 off	VDE Pliers Set - 3-Piece	281
NLVRTP160	£25.59 1 off	VDE Pliers - Long Nose - 160mm	280
NLVRTP200	£28.97 1 off	VDE Pliers - Long nose - 200mm	280
NLVS2.5	£5.83 1 off	VDE Screwdrivers - Slotted - 2.5mm	278
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NLVS5.5	£8.49 1 off	VDE Screwdrivers - Slotted - 5.5mm	278
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NLVSPH1	£6.38 1 off	VDE Screwdrivers - Phillips - PH1	278
NLVSPH2	£7.52 1 off	VDE Screwdrivers - Phillips - PH2	278
NLVSPH3	£9.36 1 off	VDE Screwdrivers - Phillips - PH3	278
NLVSPZ1	£7.29 1 off	VDE Screwdrivers - Pozidriv - PZ1	278
NLVSPZ2	£8.26 1 off	VDE Screwdrivers - Pozidriv - PZ2	278
NLVSPZ3	£10.38 1 off	VDE Screwdrivers - Pozidriv - PZ3	278
NLVSSPH8	£38.07 1 off	VDE Screwdrivers - Sets - Phillips - 8 Piece	281
NLVSSPZ8	£42.26 1 off	VDE Screwdrivers - Sets - Pozidriv - 8 Piece	281
NLVTPH1	£9.59 1 off	VDE Terminal Screwdriver - Phillips- PH1	278
NLVTPH2	£10.65 1 off	VDE Terminal Screwdriver - Phillips - PH2	278
NLVTPZ1	£9.09 1 off	VDE Terminal Screwdriver - Pozidriv - PZ1	278
NLVTPZ2	£11.39 1 off	VDE Terminal Screwdriver - Pozidriv - PZ2	278
NLVUS5L	£206.02 1 off	Undersink Vented Water Heater	265
NLVWS160	£31.82 1 off	VDE Wire Stripper - 160mm	280
NLW10	£12.41 1 off	Anchor - Wedge Steel M10	125 & 296
NLW42CFL	£112.19 1 off	Wallpack, 1 x 42W TC-TE	36
NLW42CFLP	£136.81 1 off	Wallpack, 1 x 42W TC-TE	36
NLW6	£7.10 1 off	Anchor - Wedge Steel M6	125 & 296
NLW70MH	£115.71 1 off	Wallpack 70W HQI (RX75)	36
NLW70MHP	£140.30 1 off	Wallpack 70W HQI (RX75) with Photocell	36
NLW70SON	£101.63 1 off	Wallpack 70W SON (E27)	36
NLW70SONP	£126.25 1 off	Wallpack 70W SON (E27) with Photocell	36
NLW8	£9.23 1 off	Anchor - Wedge Steel M8	125 & 296
NLWB20	£12.05 1 off	Fast Wood Drill Bits - 20mm x 165mm	289
NLWB25	£13.17 1 off	Fast Wood Drill Bits - 25mm x 165mm	289
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NLWB60200	POA	Wire Basket Tray Standard Depth 60mm x 200mm 3M	112
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NLWG1	£24.55 1 off	Highbay Wire Guard	40 & 41
NLWG11	£71.13 1 off	Wireguards - Fluorescent Batten Fitting Guards - Galvanised Finish - 61" x 6" x 5"	95
NLWG13	£80.18 1 off	Wireguards - Fluorescent Batten Fitting Guards - Galvanised Finish - 73" x 6" x 5" - 6ft Fitting	95
NLWG15	£66.62 1 off	Wireguards - Discharge Fitting Guards - Galvanised Finish - 14" x 14" x 16"	95
NLWG16	£141.77 1 off	Wireguards - Discharge Fitting Guards - Galvanised Finish - 18" x 18" x 18"	95
NLWG18	£30.95 1 off	Wireguards - Smoke Detector Guard - Galvanised Finish - 7" x 7" x 4"	95
NLWG19	£58.07 1 off	Wireguards - Tubular Heater Guards - Galvanised Finish - 29" x 6" x 6" - 2ft Fitting	95 & 258
NLWG20	£89.23 1 off	Wireguards - Tubular Heater Guards - Galvanised Finish - 53" x 6" x 6" - 4ft Fitting	95 & 258
NLWG21	£116.58 1 off	Wireguards - Tubular Heater Guards - Galvanised Finish - 4" x 6" x 6"	95 & 258
NLWG22	£30.95 1 off	Wireguards - PIR Guards - Galvanised Finish - 7" x 6" x 8"	95
NLWG23	£66.62 1 off	Wireguards - Camera Guards - Galvanised Finish - 14" x 14" x 16" deep	95
NLWG24	£27.84 1 off	Wireguards - Camera Guards - Galvanised Finish - 6" x 5" x 6" deep	95
NLWG26	£140.35 1 off	Wireguards - Convector Heater Guards - White Powder Coated Finish - 22" x 36" x 8" Open Bottom	95
NLWG3	£41.63 1 off	Wireguards - External Bulkhead Guards - Galvanised Finish - 14" x 6" x 5"	95
NLWG4	£36.85 1 off	Wireguards - Bell Box Guards - Galvanised Finish - 10" x 16" x 5"	95
NLWG9	£60.21 1 off	Wireguards - Fluorescent Batten Fitting Guards - Galvanised Finish - 49" x 6" x 5" - 4ft Fitting	95
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NLWLES	£13.96 1 off	Half Circle Glass Wall Luminaires - E27, 1 x 60W	54
NLWP1102X2FT	£127.60 1 off	Weatherproof Fluorescent, 5ft Single, 1 x 58W	60
NLWP1102X2FTF	£122.85 1 off	Weatherproof Fluorescent, 2ft Twin 2 x 18W	60
NLWPC1	£12.99 1 off	Waterproof Plug & Socket Connector - 5-9mm	101 & 203
NLWPC2	£16.82 1 off	Waterproof Plug & Socket Connector - 8-13mm	101 & 203
NLWS1	£75.84 1 off	Wall Scanner & Fuse Finder, 50 - 600V	273
NLWT51282	£80.10 1 off	T5 Weatherproof Luminaires - High Efficiency, 4ft 1 x 28W	20
NLWT5128E2	£280.82 1 off	T5 Weatherproof Luminaires - High Efficiency Emergency, 4ft 1 x 28W	20
NLWT51352	£88.67 1 off	T5 Weatherproof Luminaires - High Efficiency, 5ft 1 x 35W	20

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NLWT5135E2	£296.73 1 off	T5 Weatherproof Luminaires - High Efficiency Emergency, 5ft 1 x 35W	20
NLWT51492	£95.01 1 off	T5 Weatherproof Luminaires - High Output, 5ft 1 x 49W	20
NLWT5149E2	£310.63 1 off	T5 Weatherproof Luminaires - High Output Emergency, 5ft 1 x 49W	20
NLWT51542	£79.76 1 off	T5 Weatherproof Luminaires - High Output, 4ft 1 x 54W	20
NLWT5154E2	£291.90 1 off	T5 Weatherproof Luminaires - High Output Emergency, 4ft 1 x 54W	20
NLWT52282	£91.20 1 off	T5 Weatherproof Luminaires - High Efficiency, 4ft 2 x 28W	20
NLWT5228E2	£286.53 1 off	T5 Weatherproof Luminaires - High Efficiency Emergency, 4ft 2 x 28W	20
NLWT52352	£109.91 1 off	T5 Weatherproof Luminaires - High Efficiency, 5ft 2 x 35W	20
NLWT5235E2	£315.01 1 off	T5 Weatherproof Luminaires - High Efficiency Emergency, 5ft 2 x 35W	20
NLWT52492	£109.91 1 off	T5 Weatherproof Luminaires - High Output, 5ft 2 x 49W	20
NLWT5249E2	£329.68 1 off	T5 Weatherproof Luminaires - High Output Emergency, 5ft 2 x 49W	20
NLWT52542	£97.25 1 off	T5 Weatherproof Luminaires - High Output, 4ft 2 x 54W	20
NLWT5254E2	£323.54 1 off	T5 Weatherproof Luminaires - High Output Emergency, 4ft 2 x 54W	20
NLWT8136PHF2	£64.39 1 off	T8 Weatherproof/Anti-Corrosive Luminaires - Polycarbonate Body - High Frequency, 4ft 1 x 36W	20
NLWT8136PHFE2	£200.92 1 off	T8 Weatherproof/Anti-Corrosive Luminaires - Polycarbonate Body - High Frequency Emergency, 4ft 1 x 36W	20
NLWT8136PSS2	£58.96 1 off	T8 Weatherproof/Anti-Corrosive Luminaires - Polycarbonate Body - Switch Start, 4ft 1 x 36W	20
NLWT8136PSSE2	£178.71 1 off	T8 Weatherproof/Anti-Corrosive Luminaires - Polycarbonate Body - Switch Start Emergency, 4ft 1 x 36W	20
NLWT8158AHF2	£101.97 1 off	GRP Body - High Frequency, 5ft 1 x 58W	20
NLWT8158P110V2	£81.46 1 off	Yellow Polycarbonate Body - High Frequency 110V, 5ft 1 x 58W	20
NLWT8158P110VE2	£203.34 1 off	Polycarbonate Body - High Frequency 110V Emergency, 5ft 1 x 58W	20
NLWT8158PHF2	£74.82 1 off	T8 Weatherproof/Anti-Corrosive Luminaires - Polycarbonate Body - High Frequency, 5ft 1 x 58W	20
NLWT8158PHFE2	£213.16 1 off	T8 Weatherproof/Anti-Corrosive Luminaires - Polycarbonate Body - High Frequency Emergency, 5ft 1 x 58W	20
NLWT8158PSS2	£70.03 1 off	T8 Weatherproof/Anti-Corrosive Luminaires - Polycarbonate Body - Switch Start, 5ft 1 x 58W	20
NLWT8158PSSE2	£203.95 1 off	T8 Weatherproof/Anti-Corrosive Luminaires - Polycarbonate Body - Switch Start Emergency, 5ft 1 x 58W	20
NLWT8170AHF2	£126.71 1 off	GRP Body - High Frequency, 6ft 1 x 70W	20
NLWT8170PHF2	£96.94 1 off	T8 Weatherproof/Anti-Corrosive Luminaires - Polycarbonate Body - High Frequency, 6ft 1 x 70W	20
NLWT8170PHFE2	£249.07 1 off	T8 Weatherproof/Anti-Corrosive Luminaires - Polycarbonate Body - High Frequency Emergency, 6ft 1 x 70W	20
NLWT8170PSS2	£91.36 1 off	T8 Weatherproof/Anti-Corrosive Luminaires - Polycarbonate Body - Switch Start, 6ft 1 x 70W	20
NLWT8170PSSE2	£229.91 1 off	T8 Weatherproof/Anti-Corrosive Luminaires - Polycarbonate Body - Switch Start Emergency, 6ft 1 x 70W	20
NLWT8236PHF2	£82.76 1 off	T8 Weatherproof/Anti-Corrosive Luminaires - Polycarbonate Body - High Frequency, 4ft 2 x 36W	20
NLWT8236PHFE2	£211.55 1 off	T8 Weatherproof/Anti-Corrosive Luminaires - Polycarbonate Body - High Frequency Emergency, 4ft 2 x 36W	20
NLWT8236PSS2	£87.17 1 off	T8 Weatherproof/Anti-Corrosive Luminaires - Polycarbonate Body - Switch Start, 4ft 2 x 36W	20
NLWT8236PSSE2	£207.59 1 off	T8 Weatherproof/Anti-Corrosive Luminaires - Polycarbonate Body - Switch Start Emergency, 4ft 2 x 36W	20
NLWT8258AHF2	£126.71 1 off	GRP Body - High Frequency, 5ft 2 x 58W	20
NLWT8258PHF2	£96.17 1 off	T8 Weatherproof/Anti-Corrosive Luminaires - Polycarbonate Body - High Frequency, 5ft 2 x 58W	20
NLWT8258PHFE2	£225.32 1 off	T8 Weatherproof/Anti-Corrosive Luminaires - Polycarbonate Body - High Frequency Emergency, 5ft 2 x 58W	20
NLWT8258PSS2	£94.80 1 off	T8 Weatherproof/Anti-Corrosive Luminaires - Polycarbonate Body - Switch Start, 5ft 2 x 58W	20
NLWT8258PSSE2	£216.67 1 off	T8 Weatherproof/Anti-Corrosive Luminaires - Polycarbonate Body - Switch Start Emergency, 5ft 2 x 58W	20
NLWT8270AHF2	£144.52 1 off	GRP Body - High Frequency, 6ft 2 x 70W	20
NLWT8270PHF2	£122.89 1 off	T8 Weatherproof/Anti-Corrosive Luminaires - Polycarbonate Body - High Frequency, 6ft 2 x 70W	20

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NLWT8270PHFE2	£259.62 1 off	T8 Weatherproof/Anti-Corrosive Luminaires - Polycarbonate Body - High Frequency Emergency, 6ft 2 x 70W	20
NLWT8270PSS2	£118.62 1 off	T8 Weatherproof/Anti-Corrosive Luminaires - Polycarbonate Body - Switch Start, 6ft 2 x 70W	20
NLWT8270PSSE2	£248.28 1 off	T8 Weatherproof/Anti-Corrosive Luminaires - Polycarbonate Body - Switch Start Emergency, 6ft 2 x 70W	20
NLWT8CLIPSS2	£0.91 1 off	T8 Weatherproof/Anti-Corrosive Luminaires - Replacement Clips	21
NLX6080W	£0.84 1 off	Data And AV Modules - 1/2 Module Blank, White	171
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Please note prices shown are rounded to two decimal places and are for guidance only.
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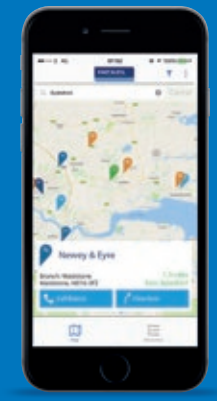
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