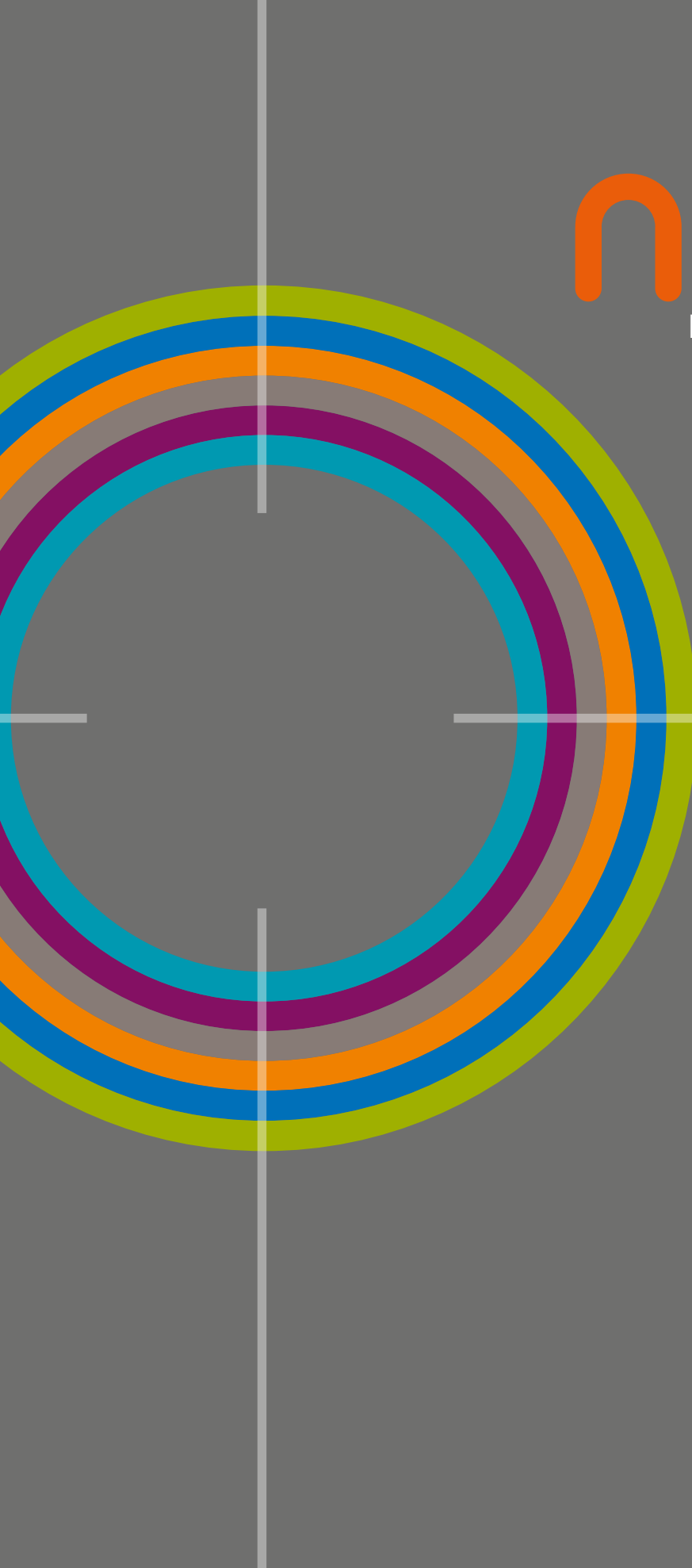


A decorative graphic on the left side of the cover. It features a series of concentric circles in various colors: lime green, blue, orange, grey, purple, cyan, and orange. A vertical white line and a horizontal white line intersect at the center of these circles.

niGLON

For All Your Electrical **Essentials**

Product Catalogue
Issue **2**

Listed in **LUCKINS**

Surge Protection Devices

18th Edition COMPLIANT

Protecting electronic devices has never been so important and Niglon can help.

We now provide a range of Type 1, 2 & 3 surge protection devices to ensure compliance with the new 18th Edition Regulations.



See page
10-11

Automatic Construction Markers

Features

- Marks plastic, wood & metal, wet, dry, dusty or oily surfaces
- Long lasting with refill capability
- Integrated sharper
- Clip on quiver cap



See page
115

Push-Fit Connectors

Perfect for quickly connecting wires without the need for solder or screws.

Niglon has a range to suit all needs:

- Commercial
- Miniature
- Lighting
- Stacking
- Lever



See page
60

Metal Clad Rotary Isolators

Fundamental products when working with electrical circuits.

Used to ensure the circuit is safe so maintenance work can take place.



See page
65

Multicut Drills

Features

- 5.0 to 10mm available
- Tungsten carbide
- Cylindrical shank
- 4 step profile
- Diamond ground tip
- Suitable for tiles, natural stone, metal, masonry, plastics & wood



See page
108

3 Phase TPN Distribution Boards

Specifically developed for responding to the needs of modern commercial building installations.

Niglon has developed Three Phase TPN Distribution Boards that deliver safe, reliable and high performance protection for electrical power distribution systems.



See page
17

Zhaga LED Photocell

Features

- Dimmable & programmable
- DALI & Xitanium SR compatible
- Low energy consumption
- Compatible with new LED designs



See page
97

High Speed Twist Drills

Premium Range of drills now available.

Toughness and precision combined with excellent cutting efficiency for drilling alloyed carbon and plain steel. Ideal for hand held operations.



See page
108

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- This icon will be shown wherever a new range of products are featured in the Price List.



- This icon will be shown wherever a new product is featured in the Price List, with a  next to the actual product code.

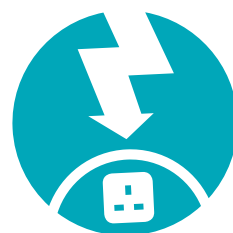


- This icon will be shown whenever a product range has been specifically classified as compliant with the latest 18th Edition Electrical Regulations.



Looking for a specific product?
See our detailed index on Page **118 - 119**

Circuit Protection



Fuses

Miniature - Ceramic
Miniature - Glass
HRC - Industrial
HRC - Cylindrical
Continental Bottle
Street Lighting

Surge Protection

Surge Protection Devices

Consumer Units

Consumer Units with Surge
Domestic units
Commercial units
Protection - Metal Clad

Domestic Circuit Breakers

Miniature (MCB)
Residual Current
Device (RCD & RCCB)
Combined RCD & MCB (RCBO)
Modular Accessories
Timers

Commercial Circuit Breakers

3 Phase TPN Distribution
Boards & Accessories
Miniature (MCB)
Combined RCD & MCB (RCBO)

Earthing

Earth Rods & Accessories
Earth Disconnection
Brass Earthing Terminals
Earth Bonding Clamps

Ceramic



Standard of Compliance
BS 1362

Size
25.4 x 6.3mm

Certified



Plug Top Fuses Bulk Bag of 1000

List No.	Amp	Pack Qty
BF3	3A	1000
BF5	5A	1000
BF13	13A	1000



Standard of Compliance
BS 1362

Size
25.4 x 6.3mm

Certified



Plug Top Fuses Box of 100 (10x10)

List No.	Amp	Pack Qty
F1	1A	10x10 (100)
F2	2A	10x10 (100)
F3	3A	10x10 (100)
F5	5A	10x10 (100)
F7	7A	10x10 (100)
F10	10A	10x10 (100)
F13	13A	10x10 (100)



Standard of Compliance
BS 1362

Size
25.4 x 6.3mm

Certified



Plug Top Fuses Blister of 4 Fuses

List No.	Amp	Pack Qty
PPF3	3A	25 Blisters
PPF5	5A	25 Blisters
PPF13	13A	25 Blisters

All Niglon fuses are manufactured to conform with the appropriate British Standard specifications & are colour coded where necessary.



Standard of Compliance
BS 1361

Certified



Consumer Units & House Service Fuses Box of 10

List No.	Amp	Type	Size	Voltage	Pack Qty
FLC5	5A	LA	23x6.3mm	240 V	10
FLC15	15A	LC	26x10.3mm	240 V	10
FLC20	20A	LC	26x10.3mm	240 V	10
FLC30	30A	LD	29x12.7mm	240 V	10
FLC45	45A	LK	35x16.7mm	240 V	10
FLC60	63A	ME	57x22.23mm	415 V	10
FLC80	80A	ME	57x22.23mm	415 V	10
FLC100	100A	MF	57x30.16mm	415 V	10



Standard of Compliance
BS 646

Size
19 x 5.3mm

Certified



Clock Fuses Bag of 100

List No.	Amp	Pack Qty
FC1	1A	100
FC2	2A	100
FC3	3A	100
FC5	5A	100

Fused Main Switches



Standard of Compliance
BS EN60947-3

Note

*Where applicable, supplied fuses have a certification of:



List No.	Description	Pack Qty
FMS100	100A main switch. 80A HRC fuse included	1
NFS100*	Metal fused main switch 63/80/100A fuses included	1
CD100	Cable duct for use with FMS100	1

Glass



Standard of Compliance
BS EN 60127/2

Size
20 x 5mm

Certified
 (where applicable)

Time Delay Fuses Box of 10

List No.	Amp	Pack Qty
S504/125	125mA	10
S504/160	160mA	10
S504/315	315mA	10
S504/500	500mA	10
S504/630	630mA	10
S504/1	1A	10
S504/1.25	1.25A	10
S504/1.6	1.6A	10
S504/2	2A	10
S504/3.15	3.15A	10
S504/4	4A	10
S504/5	5A	10
S504/6.3	6.3A	10



Standard of Compliance
BS EN 60127/2

Size
20 x 5mm

Certified
 (where applicable)

Quick Acting Fuses Box of 10

List No.	Amp	Pack Qty
S500100	100mA	10
S500160	160mA	10
S500200	200mA	10
S500250	250mA	10
S500315	315mA	10
S500500	500mA	10
S500630	630mA	10
S500800	800mA	10
S5001	1A	10
S5001.25	1.25A	10
S5001.6	1.6A	10
S5002	2A	10
S5002.5	2.5A	10
S5003.15	3.15A	10
S5004	4A	10
S5005	5A	10
S5006.3	6.3A	10



Standard of Compliance
BS EN 60127/2

Size
32 x 6.3mm

Certified
TÜV (where applicable)

Time Delay Fuses Box of 10

List No.	Amp	Pack Qty
FAS500	500mA	10
FAS1	1A	10
FAS2	2A	10
FAS3	3.15A	10
FAS5	5A	10
FAS10	10A	10
FAS15	15A	10



Standard of Compliance
BS EN 60127/1

Size
32 x 6.3mm

Certified
TÜV (where applicable)

Quick Acting Fuses Box of 10

List No.	Amp	Pack Qty
FGL500	500mA	10
FGL1	1A	10
FGL1.5	1.6A	10
FGL2	2A	10
FGL3	3.15 A	10
FGL5	5A	10
FGL10	10A	10
FGL16	16A	10

Miniature Fuse Kit



Each of the below are supplied boxed in 10's, to reduce incorrect amperage ID

• BS 1362 Plug Top Fuses:
3A, 5A & 13A

• Quick Acting Fuses (20mm x 5mm):
500mA, 1A, 2A, 3.15A, 4A & 6.3A

• Time Delay Fuses (20mm x 5mm):
315mA, 500mA, 630mA, 800mA,
1A, 1.25A, 1.6A, 2A & 3.15A

List No.	Pack Qty
NFK1	1

Industrial Ceramic

ASTA20CERT



A1 Range

Standard of Compliance
BS 88.2 550V AC 80KA

Class
ASTA20CERT

Size
Fixing centres 44.5mm

List No.	Amp	BHP	Size	Pack Qty
NIT2	2A		Standard	10
NIT4	4A		Standard	10
NIT6	6A		Standard	10
NIT10	10A		Standard	10
NIT16	16A		Standard	10
NIT20	20A		Standard	10
NIT25	25A		Standard	10
NIT32	32A		Standard	10
NIT20M25	25A	5	Standard	1
NIT20M32	32A	7.5	Standard	1



A3 Range

Standard of Compliance
BS 88.2 415V AC 80KA

Class
ASTA20CERT

Size
Fixing centres 73mm

List No.	Amp	BHP	Size	Pack Qty
TIS36	36A		Standard	10
TIS40	40A		Standard	10
TIS50	50A		Standard	10
TIS63	63A		Standard	10
TIS80	80A		Standard	10
TIS100	100A		Standard	10
TIS63M80	80A	25	Standard	1
TIS63M100	100A	30-35	Standard	1
TIS100M125	125A	40	Standard	1



B1, B2 & B3 Range

Standard of Compliance
BS 88.2 415V AC 80KA

Class
ASTA20CERT

Size
Fixing centres 111mm

List No.	Amp	Type	Size	Pack Qty
TC80	80A	B1	Compact	1
TC100	100A	B1	Compact	1
TF125	125A	B2	Compact	1
TF160	160A	B2	Compact	1
TF200	200A	B2	Compact	1
TKF250	250A	B3	Standard	1
TKF315	315A	B3	Standard	1



A2 Range

Standard of Compliance
BS 88.2 AC 80KA

Class
ASTA20CERT

Size
Fixing centres 73mm

List No.	Amp	BHP	Voltage AC	Size	Pack Qty
TIA2	2A		550V	Compact	10
TIA4	4A		550V	Compact	10
TIA6	6A		550V	Compact	10
TIA10	10A		550V	Compact	10
TIA16	16A		550V	Compact	10
TIA20	20A		550V	Compact	10
TIA25	25A		550V	Compact	10
TIA32	32A		550V	Compact	10
TIA32M40	40A	10	415V	Standard	1
TIA32M50	50A	13.5-15	415V	Standard	1
TIA32M63	63A	20	415V	Standard	1



A4 Range

Standard of Compliance
BS 88.2 415V AC 80KA

Class
ASTA20CERT

Size
Fixing centres 94mm

List No.	Amp	BHP	Size	Pack Qty
TCP63	63A		Compact	1
TCP80	80A		Compact	1
TCP100	100A		Compact	1
TCP100M160	160A	40-60	Compact	1



F1 Range

Standard of Compliance
BS 88.2 550V AC 80KA

Class
ASTA20CERT

Size
Offset tags overall length 61mm

List No.	Amp	BHP	Size	Pack Qty
NS2	2A		Standard	10
NS4	4A		Standard	10
NS6	6A		Standard	10
NS10	10A		Standard	10
NS16	16A		Standard	10
NS20	20A		Standard	10
NS25	25A		Standard	10
NS32	32A		Standard	10
NS20M25	25A	5	Standard	1
NS20M32	32A	7.5	Standard	1

Cylindrical



Standard of Compliance
IEC 60269-1 Lloyds approved
400/500V

Size
10 x 38mm

Class
gL / gG

Certified



Standard gL

List No.	Amp	Pack Qty
G1038-02	2A	10
G1038-04	4A	10
G1038-06	6A	10
G1038-10	10A	10
G1038-16	16A	10
G1038-20	20A	10
G1038-25	25A	10
G1038-32	32A	10



Standard of Compliance
IEC 60269-1 Lloyds approved
400/500V

Size
10 x 38mm

Class
aM

Certified



Motor Rated aM

List No.	Amp	Pack Qty
M1038-02	2A	10
M1038-04	4A	10
M1038-06	6A	10
M1038-10	10A	10
M1038-16	16A	10
M1038-20	20A	10
M1038-25	25A	10
M1038-32	32A	10

NEW RANGE



NCMF1

NCMF3

Standard of Compliance
IEC 60269-2 & IEC 60947-3

Specifications
• 32A 690V AC/DC RATED
• Modular Compact Design

Certified



10x38mm Fuse Holders

List No.	Description	Pack Qty
NCMF1	1 Pole (DIN mounting)	1
NCMF3	3 Pole (DIN mounting)	1

Continental Bottle



Standard of Compliance
IEC 60269-1 DIN/VDE 0636 500V

Size
22 x 50mm

Class
gL

Certified



D11 - E27 gL (Diazed)

List No.	Amp	Colour	Pack Qty
E27-02	2A	Pink	5
E27-04	4A	Brown	5
E27-06	6A	Green	5
E27-10	10A	Red	5
E27-16	16A	Grey	5
E27-20	20A	Blue	5
E27-25	25A	Yellow	5



Standard of Compliance
IEC 60269-1 DIN/VDE 0636 500V

Size
27 x 50mm

Class
gL

Certified



D111 - E33 gL (Diazed)

List No.	Amp	Colour	Pack Qty
E33-35	35A	Black	5
E33-50	50A	White	5
E33-63	63A	Copper	5

240V Street Lighting

ASTA²⁰CERT



Standard of Compliance
IEC 60269-1/BS88-1
BS7654

Class
ASTA²⁰CERT

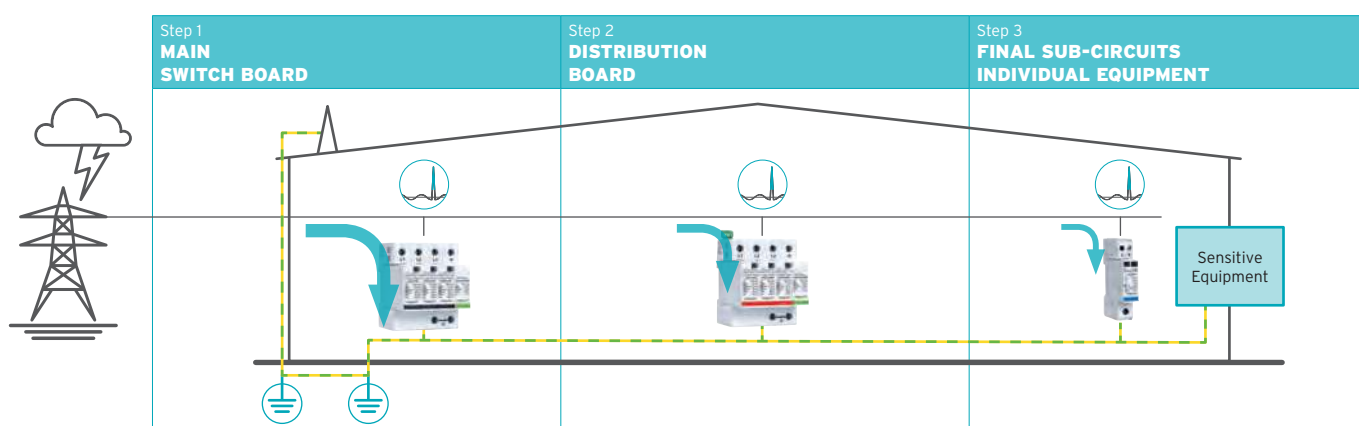
Size
Fixing Centres 38mm

List No.	Amp	Pack Qty
LST2	2A	10
LST4	4A	10
LST6	6A	10
LST10	10A	10
LST16	16A	10
LST20	20A	10
LST25	25A	10
LST32	32A	10



Any surge protection system must be able to withstand the discharged current and provide a U_{res} level (residual voltage) lower than the U_e peak voltage that the equipment can withstand. With most surge protection devices it is not possible to achieve this with just one SPD, especially because the intensity of the surge is not known, and because of the induction of overvoltages when conductors exceed 10m.

Niglon surge protection devices use a patented technology that affords its SPD's a cascade effect in its Type 1 and Type 2 devices. Final sub-circuits may well still require individual surge protection due to the distance from the incoming protection devices.



Overvoltage category IEC 60364-4-443	IV	III	II	I
Overvoltage withstand (U_e) values for equipment at 230/400V	6kV	4kV	2,5kV	1,5kV

IEC/EN 61643-11	Type 1 / Class I	Type 2 / Class II	Type 3 / Class III
Definition	Designed for use in incoming power supply panels where the risk of lightning strike is high, in particular in buildings with an external lightning protection system. Must be accompanied by downstream Class II protectors.	Designed for use in distribution panels located downstream of class I protectors or in incoming power supply panels in areas with low exposure to lightning strikes, where the building is not fitted with an external lightning protection system (LPS).	Always installed downstream of a Class II protection designed to protect sensitive equipment or equipment located more than 10m downstream of the Class II SPD.
LPZ IEC 62305-4 protection zone	Lightning Protection Zone 1	Lightning Protection Zone 2	Lightning Protection Zone 3
Class test to IEC/EN 61643-11	10/350µs waveform, Class I test	8/20µs waveform, Class II test	Combined 1.2/50µs-8/20µs waveform Class III test
Surge	Direct impact of a lightning strike (current).	Indirect impact of a lightning strike on the distribution line (overhead lines) or its vicinity (rise of ground potential or induction by coupling of electromagnetic radiation of the strike) or in the event of a switching.	Indirect impact simulated by the current and voltage that can reach the long-distance circuits and individual equipment to be protected.
Discharge capacity (Iimp, Imax)	High	Medium	Low
Voltage protection level (Up)	Coarse	Fine	Very Fine
Niglon Surge Protection Products	SA123		
		SA23	
		SA2	

NB: to provide maximum protection efficiency, it is necessary to create a coordination diagram where high sensitivity equipment is to be protected OR where long distances (greater than 30M) of wire between equipment to be protected and primary SPD.

Surge Protection Device

TÜV 18th Edition
COMPLIANT

NEW RANGE


Standard of Compliance
EN 61645-11, IEC 61643-11, UL1449ed.7

Max Discharge Current

- Max impulse current by pole withstand 10/350µs I_{max} 50kA - 12.5kA limp

Certified
EAC

Type 1+2+3 - Pluggable

List No.	Description	Earth Type	Module No.	Pack Qty
SA123-250	1P+N, 230V AC 50kA	TT/TN	2	1

N.B. 25kA limp/50kA imax. (10/350 us impulse) units are available to special order. Please speak to our sales office for further information.

NEW RANGE


Standard of Compliance
EN 61645-11, IEC 61643-11, UL1449ed.7

Max Discharge Current

- Max impulse current by pole withstand at 10/350µs I_{max} 50kA - 12.5kA limp

Certified
EAC

Type 1+2+3 - Pluggable

List No.	Description	Earth Type	Module No.	Pack Qty
SA123-450	3P+N, 230V AC 50kA	TT/TNS	4	1

N.B. 25kA limp/50kA imax. (10/350 us impulse) units are available to special order. Please speak to our sales office for further information.

NEW RANGE


Standard of Compliance
EN 61645-11, IEC 61643-11, UL1449ed.7

Max Discharge Current

- Max withstand by pole at 8/20µs I_{max} 40kA

Certified
EAC

Type 2+3 - Pluggable

List No.	Description	Earth Type	Module No.	Pack Qty
SA23-240S	1P+N, 230V AC 40kA, c/w signaller	TT/TN	2	1

NEW RANGE


Standard of Compliance
EN 61645-11, IEC 61643-11, UL1449ed.7

Max Discharge Current

- Max withstand by pole at 8/20µs I_{max} 40kA

Certified
EAC

Type 2+3 - Pluggable

List No.	Description	Earth Type	Module No.	Pack Qty
SA23-440S	3P+N, 230V AC 40kA, c/w signaller	TT/TNS	4	1

NEW RANGE


Standard of Compliance
EN 61643-11, IEC 61643-11, UL1449ed.4

Max Discharge Current

- Max withstand by pole at 8/20µs I_{max} 40kA

Certified
TÜV

Type 2 - Compact Pluggable

List No.	Description	Earth Type	Module No.	Pack Qty
SA2-240	1P+N 230V AC I _{max} 40kA	TT/TN	1	1

NEW RANGE


Standard of Compliance
EN 61643-11, IEC 61643-11, UL1449ed.4

Max Discharge Current

- Max withstand by pole at 8/20µs I_{max} 40kA

Certified
EAC

Type 2 - Compact Pluggable

List No.	Description	Earth Type	Module No.	Pack Qty
SA2-440	3P+N 230V AC I _{max} 40kA	TT/TN	2	1

Classification of Protectors

- BLACK** - Protection - Direct lightning currents (Class I test)
RED - Protection - Indirect lightning effects (Class II test)
BLUE - Protection - Switching overvoltages (Class III test)

Surge Protection

Surge Protection Device

18th Edition
COMPLIANT



**NEW
RANGE**



Standard of Compliance
EN 61645-11, IEC 61643-11, UL1449ed.7

Max Discharge Current

• Max withstand by pole at 8/20µs
Imax 15kA

Certified



Type 2 (or 3) - Compact Pluggable

List No.	Description	Earth Type	Module No.	Pack Qty
SA23-215	1P+N, 230V AC Imax 15kA	TT/TN	1	1

**NEW
RANGE**



Standard of Compliance

EN 61645-11, IEC 61643-11, UL1449ed.7

Max Discharge Current

• Max withstand by pole at 8/20µs
Imax 15kA

Certified



Type 2 (or 3) - Compact Pluggable

List No.	Description	Earth Type	Module No.	Pack Qty
SA23-415	3P+N, 230/400V AC Imax 15kA	TT/TN	2	1

**NEW
RANGE**



Standard of Compliance

(Insulated Enclosure)

EN 61643-11, IEC 61643-1
IP55

(Metal Enclosure)

BS EN 60898 & 61008

IP2X

Amendment 3 Compliant

Protection Zones

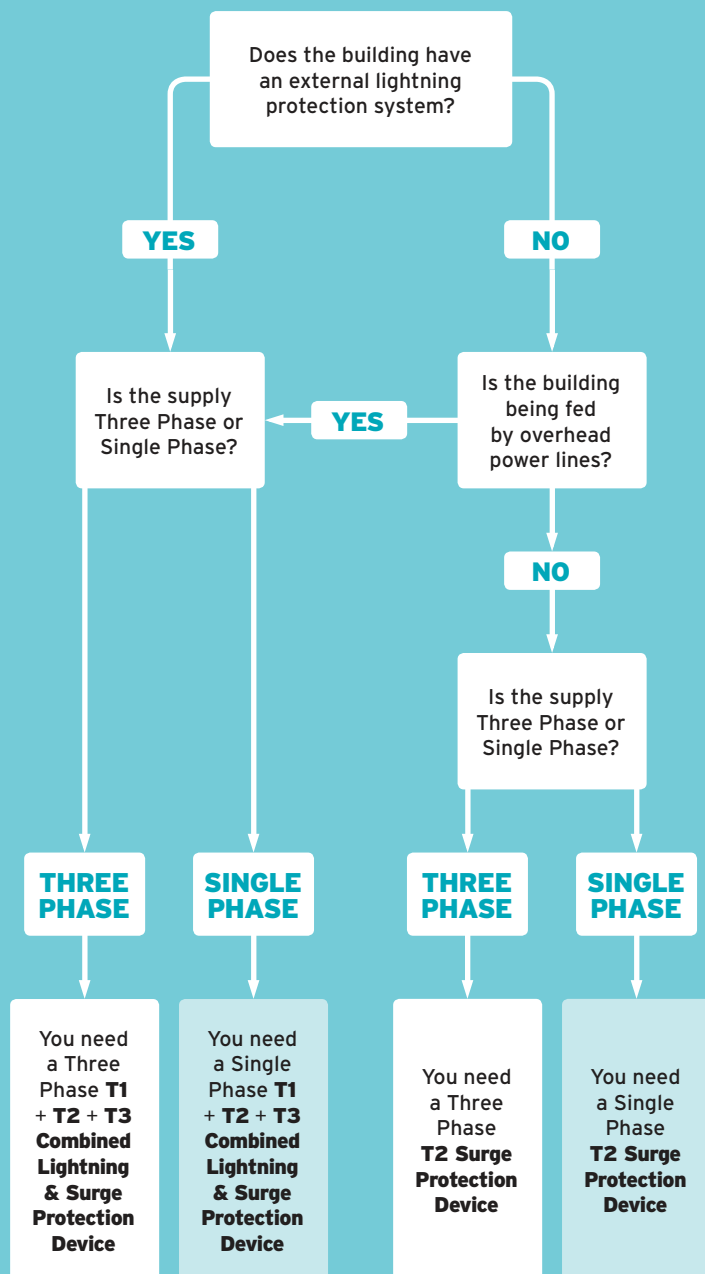
• BS EN 62305-4

Type 2 (or 3) - Pre Mounted Enclosures

List No.	Description	Earth Type	Pack Qty
SAE3-23-215	1 Module 1P+N 15kA Imax SPD, 3 Module, Insulated Enclosure - IP55	TT/TN	1
SAE5-23-415	2 Module 3P+N 15kA Imax SPD, 5 Module, Insulated Enclosure - IP55	TT/TN	1
SAE2M-23-215	1 Module 1P+N 15kA Imax SPD, 2 Module, Metal Enclosure - IP2X	TT/TN	1
SAE6M-23-415	2 Module 3P+N 15kA Imax SPD, 6 Module, Metal Enclosure - IP2X	TT/TN	1

WHICH PROTECTION DEVICE DO I NEED?

Protecting electronic devices has never been so important and surge protection can help. **We explain what you need to protect your devices.**



Now simply contact our sales team:

Call: **0121 711 1990**

Email: **sales@niglon.co.uk**

for guidance on the best Niglon products to suit you

www.niglon.co.uk

t 0121 711 1990 f 0121 711 1344 e sales@niglon.co.uk

Consumer Units with Surge Protection - Metal Clad



18th EDITION & CIRCUIT PROTECTION DEVICES



Device Compatibility

ALL Niglon Circuit Protection Devices are compatible.



SPD Selection (Surge Protection Device)

On installations deemed to require protection against transient over-voltages due to either atmospheric origin or switching - Niglon offers a complete range of pre-fitted SPD consumer unit boards.



RCD Selection (Residual Circuit Device)

Focus must be given to their selection type; AC, A, F or D.



RCCB & Switches Selection (Residual Current Circuit Breaker)

Overload protection must be considered for both the main switch and RCCBs in consumer units.

**NEW
RANGE**



Standard of Compliance

IP20
EN 61643-11

Certified
intertek

Note

Surge protection device
included 15kA I_{max}

Isolator Controlled (SPD inc.)

List No.	Description	Pack Qty
M3CU8SP	8 module 4 way 100A DP Isolator	1
M3CU10SP	10 module 6 way 100A DP Isolator	1
M3CU14SP	14 module 10 way 100A DP Isolator	1
M3CU18SP	18 module 14 way 100A DP Isolator	1
M3CU21SP	21 module 17 way 100A DP Isolator	1

**NEW
RANGE**



Standard of Compliance

IP20
EN 61643-11

Certified
intertek

Note

Surge protection device
included 15kA I_{max}

Dual RCD Controlled - Split Load (SPD inc.)

List No.	Description	Pack Qty
M3CU14S/263SP	3+3 100A DP Isolator + 2 x 63A-30mA RCD - AC	1
M3CU18S/280SP	5+5 100A DP Isolator + 2 x 80A-30mA RCD - AC	1
M3CU18S/280LDSP Loaded Board	5+5 100A DP Isolator + 2 x 80A-30mA RCD - AC c/w 10 MCBs (1x40A, 4x32A, 2x16A, 3x6A)	1
M3CU21S/280SP	7+6 100A DP Isolator + 2 x 80A-30mA RCD - AC	1
M3CU21S/200SP	7+6 100A DP Isolator + 2 x 100A-30mA RCD - AC	1

**NEW
RANGE**

Note

Surge protection device
included 15kA I_{max}

Dual RCD Controlled - High Integrity (SPD inc.)

List No.	Description	Pack Qty
M3CU18S/280+SP	4+4+2 100A DP Isolator + 2x80A - 30mA RCD - AC	1
M3CU21S/280+SP	6+5+2 100A DP Isolator + 2x80A - 30mA RCD - AC	1
M3CU21S/200+SP	6+5+2 100A DP Isolator + 2x100A - 30mA RCD - AC	1

Consumer Units - Metal Clad



Standard of Compliance
IP20
Certified
intertek

Isolator Controlled

List No.	Description	Pack Qty
M3CU4	4 module 2 way 100A Isolator	1
M3CU6	6 module 4 way 100A DP Isolator	1
M3CU8	8 module 6 way 100A DP Isolator	1
M3CU10	10 module 8 way 100A DP Isolator	1
M3CU14	14 module 12 way 100A DP Isolator	1
M3CU16	16 module 14 way 100A DP Isolator	1
M3CU18	18 module 16 way 100A DP Isolator	1
M3CU21	21 module 19 way 100A DP Isolator	1



Standard of Compliance
IP20
Certified
intertek

RCD Controlled

List No.	Description	Pack Qty
M3CU4/63	4 module 2 way 63A-30mA RCD	1
M3CU6/63	6 module 4 way 63A-30mA RCD	1
M3CU6/80	6 module 4 way 80A-30mA RCD	1
M3CU8/63	8 module 6 way 63A-30mA RCD	1
M3CU8/80	8 module 6 way 80A-30mA RCD	1
M3CU10/63	10 module 8 way 63A-30mA RCD	1
M3CU10/80	10 module 8 way 80A-30mA RCD	1
M3CU14/80	14 module 12 way 80A-30mA RCD	1
M3CU16/80	16 module 14 way 80A-30mA RCD	1

NEW RANGE



1P Pin Type 100A Busbar - Insulated

List No.	Description	Length	Pack Qty
BB5	4 usable MCB ways	90mm	1
BB13	12 usable MCB ways	230mm	1
BB18	17 usable MCB ways	330mm	1



Standard of Compliance
18th Edition (BS7671)
IP20
Certified
intertek

Dual RCD Controlled - Split Load

List No.	Description	Pack Qty
M3CU14S/263	4+4 100A DP Isolator + 2 x 63A-30mA RCD	1
M3CU14S/280	4+4 100A DP Isolator + 2 x 80A-30mA RCD	1
M3CU14S/280+	3+3+2 100A DP Isolator + 2 x 80A-30mA RCD	1
M3CU16S/263	5+5 100A DP Isolator + 2 x 63A-30mA RCD	1
M3CU16S/280	5+5 100A DP Isolator + 2 x 80A-30mA RCD	1
M3CU18S/280	6+6 100A DP Isolator + 2 x 80A-30mA RCD	1
M3CU18S/280+	5+5+2 100A DP Isolator + 2 x 80A-30mA RCD	1
M3CU21S/280	8+7 100A DP Isolator + 2 x 80A-30mA RCD	1
M3CU21S/280+	6+6+3 100A DP Isolator + 2 x 80A-30mA RCD	1
M3CU24S/280	8+10 125A DP Isolator + 2 x 80A-30mA RCD	1



Standard of Compliance
BS EN60898 & 61008
IP20
Certified
intertek

Modular Shower Units

List No.	Description	Pack Qty
M3CU3SHO/IP	63A-30mA DP RCD Incomer + 1 x 50A MCB	1



Certified
intertek

Fused Main Switch

List No.	Description	Pack Qty
NFS100	Metal Fused Main Switch 63/80/100A Fuses	1

Consumer Units - Metal Clad



Standard of Compliance
IP20

Certified
intertek

Loaded Boards c/w MCBs

List No.	Description	Pack Qty
M3CU14S/263LD	4+4 100A Incomer + 2 x 63A-30mA RCDs c/w 8 MCBs (1x40A, 3x32A, 1x16A, 3x6A)	1
M3CU14S/280LD	4+4 100A Incomer + 2 x 80A-30mA RCDs c/w 8 MCBs (1x40A, 3x32A, 1x16A, 3x6A)	1
M3CU16S/263LD	5+5 100A Incomer + 2 x 63A-30mA RCDs c/w 10 MCBs (1x40A, 4x32A, 2x16A, 3x6A)	1
M3CU18S/280LD	6+6 100A Incomer + 2 x 80A-30mA RCDs c/w 10 MCBs (1x40A, 4x32A, 2x16A, 3x6A)	1
M3CU18S/280+LD	5+5+2 100A Incomer + 2 x 80A-30mA RCDs c/w 10 MCBs (1x40A, 4x32A, 2x16A, 3x6A)	1



Standard of Compliance
BS EN 60898 & 61008
IP20

Certified
intertek

Garage Units

List No.	Description	Pack Qty
M3CU4GAR	63A-30mA DP RCD incomer + 1 x 6A + 1 x 16A MCB (4 Module)	1
M3CU4GAR/32	63A-30mA DP RCD incomer + 1 x 6A + 1 x 32A MCB (4 module)	1
M34MOD	4 Module empty enclosure	1



Standard of Compliance
BS EN 60898 & 61008
IP20
Amendment 3 Compliant

Modular Enclosures - Metal Clad

List No.	Description	Pack Qty
EM3220	2 module c/w drop lid 145x80x62mm	1
EM3220L	2 module c/w drop lid 225x80x62mm	1
EM3420	4 module c/w drop lid 175x110x62mm	1
EM3420L	4 module c/w drop lid 225x110x62mm	1

Consumer Units - Insulated



Standard of Compliance
IP55 BS EN60898 & 61008.

Certified
intertek

Garage Units IP55

List No.	Description	Pack Qty
CU5GAR	63A-30mA DP RCD Incomer + 1 x 6A + 1 x 16A MCB (5 Module)	1
CU5GAR/32	63A-30mA DP RCD Incomer + 1 x 6A + 1 x 32A MCB (5 module)	1

Miniature (MCB)



Standard of Compliance
BS EN 60898

Breaking Capacity
6kA

Certified
intertek

Single Pole

List No.	Curve	Rating	Pack Qty
MCB6B1-6	B Curve	6A	12
MCB6B1-10	B Curve	10A	12
MCB6B1-16	B Curve	16A	12
MCB6B1-20	B Curve	20A	12
MCB6B1-25	B Curve	25A	12
MCB6B1-32	B Curve	32A	12
MCB6B1-40	B Curve	40A	1
MCB6B1-50	B Curve	50A	1
MCB6B1-63	B Curve	63A	1
MCB6C1-6	C Curve	6A	1
MCB6C1-10	C Curve	10A	1
MCB6C1-16	C Curve	16A	1
MCB6C1-20	C Curve	20A	1
MCB6C1-32	C Curve	32A	1
MCB6C1-40	C Curve	40A	1
MCB6C1-50	C Curve	50A	1
MCB6C1-63	C Curve	63A	1



Residual Current Devices (RCD & RCCB)



Standard of Compliance
BS EN61008-1
Breaking Capacity
10kA
Certified
intertek

1P + N. 230V AC Type

List No.	Rating	Modules	Pack Qty
RCD2-25/30	25A 30mA	2	1
RCD2-40/30	40A 30mA	2	1
RCD2-63/30	63A 30mA	2	1
RCD2-63/100	63A 100mA	2	1
RCD2-80/30	80A 30mA	2	1
RCD2-80/100	80A 100mA	2	1
RCD2-80T/100	80A 100mA + time delay	2	1
RCD2-100/30	100A 30mA	2	1



**NEW
RANGE**



Standard of Compliance
BS EN61008-1
Breaking Capacity
10kA
Certified
intertek

1P + N. 230V A Type

List No.	Rating	Modules	Pack Qty
RCD2-25/30-A	25A 30mA	2	1
RCD2-40/30-A	40A 30mA	2	1
RCD2-63/30-A	63A 30mA	2	1
RCD2-80/30-A	80A 30mA	2	1
RCD2-100/30-A	100A 30mA	2	1

Miscellaneous



PLK

List No.	Description	Pack Qty
BP4	Plastic blanking plate 1x4 ways	2
MBP	Metal blank plate	1
PLK	MCB padlock	1

Combined RCD & MCB (RCBO)



Standard of Compliance
BS EN 61009
Breaking Capacity
6kA
Certified
intertek

1P + N.

List No.	Rating & Curve	Modules	Pack Qty
RCBO2-6/30	6A 30mA 'B'	2	1
RCBO2-10/30	10A 30mA 'B'	2	1
RCBO2-16/30	16A 30mA 'B'	2	1
RCBO2-20/30	20A 30mA 'B'	2	1
RCBO2-32/30	32A 30mA 'B'	2	1
RCBO2-40/30	40A 30mA 'B'	2	1



87mm

Standard of Compliance
BS EN 61009
Breaking Capacity
6kA
Certified
intertek

1P + N. - Space Saver 230V AC & A Type

List No.	Rating & Curve	Modules	Type	Pack Qty
RCBO1-6/30SS	6A 30mA 'B'	1	AC	1
RCBO1-10/30SS	10A 30mA 'B'	1	AC	1
RCBO1-16/30SS	16A 30mA 'B'	1	AC	1
RCBO1-20/30SS	20A 30mA 'B'	1	AC	1
RCBO1-32/30SS	32A 30mA 'B'	1	AC	1
RCBO1-40/30SS	40A 30mA 'B'	1	AC	1
RCBO1-32/30CSS	32A 30mA 'C'	1	AC	1
RCBO1-40/30CSS	40A 30mA 'C'	1	AC	1
RCBO1-6/30SS-A	6A 30mA 'B'	1	A	1
RCBO1-10/30SS-A	10A 30mA 'B'	1	A	1
RCBO1-16/30SS-A	16A 30mA 'B'	1	A	1
RCBO1-20/30SS-A	20A 30mA 'B'	1	A	1
RCBO1-32/30SS-A	32A 30mA 'B'	1	A	1
RCBO1-40/30SS-A	40A 30mA 'B'	1	A	1

See page **116** for our range
of **Safety Lock-outs**



Modular Accessories



Standard of Compliance
BS EN 60947-3

Breaking Capacity
10kA

Certified
Intertek

Mains Isolators

List No.	Description	Modules	Pack Qty
MS2100	Mains isolator 2P 100A	2	1
MS3100	Mains isolator 3P 100A	3	1
MS4100	Mains isolator 4P 100A	4	1
MS2125	Mains isolator 2P 125A	2	1



Standard of Compliance
BS EN 61095 & BS EN 60947-4-1

Certified

Contactors 230V AC N/O (Normally Open)

List No.	Description	Modules	Pack Qty
MA220PC	2P (AC1 - 20A 230V 4kW)	1	1
MA425PC	4P (AC1 - 25A 415V 16kW)	2	1
MA440PC	4P (AC1 - 40A 415V 28kW)	3	1
MA463PC	4P (AC1 - 63A 415V 40kW)	3	1
MABM	Contactor spacing module	1	



Standard of Compliance
BS EN 61109

Certified

Bell Transformers

List No.	Description	Modules	Pack Qty
DRT8B	Bell transformer 4, 8, 12V	2	1

Timers



Specifications

- 16A switching capacity, 240VAC
- Din mounting

Staircase Timer

List No.	Description	Modules	Pack Qty
DRT20	30 Sec-20minute switching	1	1



Specifications

- 16A switching capacity, 240V AC
- Din mounting
- Battery memory backup

24hr Digital Timer

List No.	Description	Modules	Pack Qty
DRT24M	48 on/off settings @ 15 minute intervals	3	1



DRT2471D

DRT2472D

Specifications

- 16A switching capacity, 240VAC
- Din or surface mounting
- Battery memory backup

24hr/5/7 Day Digital Timer (+ weekend mode)

List No.	Description	Modules	Pack Qty
DRT2471D	1 channel - 8 on/off settings, 1 minute switching	2	1
DRT2472D	2 channel - 4on/off 1CH & on/off 1CH, 1 minute switching	3	1



3 Phase TPN Distribution Boards

**NEW
RANGE**



Standard of Compliance
BS EN 60439-3

Specifications

- Wall mounting kit supplied
- 1.2mm panel gauge
- Epoxy RAL 7035
- Half DIN Rail for speedy fit-out
- Reversible door

Certified
intertek

B Type Boards 125A - 415V AC (Including Switch)

List No.	Description	Size (W x D x H)	Pack Qty
TPNB04S	4 Way	406 x 95 x 458mm	1
TPNB06S	6 Way	406 x 95 x 512mm	1
TPNB08S	8 Way	406 x 95 x 566mm	1
TPNB12S	12 Way	406 x 95 x 674mm	1
TPNB16S	16 Way	406 x 95 x 782mm	1
TPNB24S	24 Way	406 x 95 x 998mm	1

B Type Boards 125A - 415V AC (Excluding Switch)

List No.	Description	Size (W x D x H)	Pack Qty
TPNB04	4 Way	406 x 95 x 458mm	1
TPNB06	6 Way	406 x 95 x 512mm	1
TPNB08	8 Way	406 x 95 x 566mm	1
TPNB12	12 Way	406 x 95 x 674mm	1
TPNB16	16 Way	406 x 95 x 782mm	1

**NEW
RANGE**



Specifications

- 1.2mm panel gauge
- Epoxy RAL 7035

Note

Only for use with Niglon TPN Boards.

Extension Boxes

List No.	Description	Size (W x D x H)	Pack Qty
TPN-EB	Extension box	406 x 105 x 205mm	1
TPN-AE	Type A 16 way enclosure	406 x 105 x 265mm	1
TPN-MP	Meter panel board	406 x 105 x 205mm	1

N.B. Meter panel board only to be mounted at the base of Niglon TPN Boards.

Miniature MCB 10kA

**NEW
RANGE**



Standard of Compliance
BS EN 60439-3

Breaking Capacity
10kA

Certified
intertek

Single Pole C Curve

List No.	Rating	Curve	Pack Qty
MCB10C1-06	6A	C	1
MCB10C1-10	10A	C	1
MCB10C1-16	16A	C	1
MCB10C1-20	20A	C	1
MCB10C1-25	25A	C	1
MCB10C1-32	32A	C	1
MCB10C1-40	40A	C	1
MCB10C1-50	50A	C	1
MCB10C1-63	63A	C	1

**NEW
RANGE**



Standard of Compliance
BS EN 60439-3

Breaking Capacity
10kA

Certified
intertek

Triple Pole C Curve

List No.	Rating	Curve	Pack Qty
MCB10C3-06	6A	C3	1
MCB10C3-10	10A	C3	1
MCB10C3-16	16A	C3	1
MCB10C3-20	20A	C3	1
MCB10C3-25	25A	C3	1
MCB10C3-32	32A	C3	1
MCB10C3-40	40A	C3	1
MCB10C3-50	50A	C3	1
MCB10C3-63	63A	C3	1

See page **18** for our
range of **Incomer Kits**



Combined RCD & MCB (RCBO)



Standard of Compliance
BS EN61008-1

Breaking Capacity
10kA

Certified
intertek

4P RCCB 230V Type AC (Incomer)

List No.	Rating	Modules	Pack Qty
RCD4-25/30	25A 30mA	4	1
RCD4-40/30	40A 30mA	4	1
RCD4-63/30	63A 30mA	4	1
RCD4-63/100	63A 100mA	4	1
RCD4-80/30	80A 30mA	4	1
RCD4-80/100	80A 100mA	4	1
RCD4-80T/100	80A 100mA + time delay	4	1
RCD4-100/30	100A 30mA	4	1



**NEW
RANGE**



113.5mm

Standard of Compliance
BS EN 60898

Breaking Capacity
10kA

Certified
intertek

Single Pole C Curve

List No.	Rating	Curve	Pack Qty
RCBO1006C/30	6A 30mA	C	1
RCBO1010C/30	10A 30mA	C	1
RCBO1016C/30	16A 30mA	C	1
RCBO1020C/30	20A 30mA	C	1
RCBO1025C/30	25A 30mA	C	1
RCBO1032C/30	32A 30mA	C	1
RCBO1040C/30	40A 30mA	C	1
RCBO1050C/30	50A 30mA	C	1
RCBO1063C/30	63A 30mA	C	1

3 Phase TPN Accessories



**NEW
RANGE**



Standard of Compliance
BS EN 60439-3

Certified
intertek

TPN Incomer Kits

List No.	Description	Pack Qty
ICK1003	100A 3 pole switch	1
ICK1004	100A 4 pole switch	1
ICK1253	125A 3 pole switch	1
ICK1254	125A 4 pole switch	1
ICK100430	100A 4 pole RCD 10kA 30mA	1
ICK1004100	100A 4 pole RCD 10kA 100mA	1
ICK1004300	100A 4 pole RCD 10kA 300mA	1
ICK1004100S	100A 4 pole RCD 10kA 100mA 4S time delay	1

**NEW
RANGE**

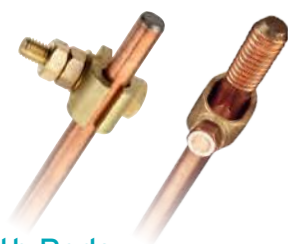
TPN Board Accessories

List No.	Description	Pack Qty
TPN-1PKIT	3 pole to single pole conversion kit	1
TPN-LK	Spare labels for single pole kit	1
TPN-SB	Single module blank (DIN mounting)	1
TPN-HB	Half module blank (DIN mounting)	1

See page **17** for our range of
3 Phase Distribution Boards



Earth Rods & Accessories



Standard of Compliance
BS EN50164-2

EEB

Earth Rods

List No.	Description	Pack Qty
EEB	Earth connector box	1
EPT	Lightweight earth pit	1
CBER4	3/8" dia. x 4ft copperbond earth rod for use with BCBR	10
SER35	1/2" dia. x 3 ft 6" Galvanised solid earth rod + clamp	10
XCBER458	5/8" x 4ft extendible copperbond earth rod	1
XCBER434	3/4" x 4ft extendible copperbond earth rod	1
EC58	5/8" external coupler for use with XCBER458	1
EC34	3/4" external coupler for use with XCBER434	1
DS58	5/8" driving stud for use with XCBER458	1
DS34	3/4" driving stud for use with XCBER434	1
BCBR	Standard 'B' type, rod to cable lug clamp for CBER4	10
SDCC58	Standard 'G' type, cable clamp for 5/8" rod. Conductor range 16-70mm ²	1
SDCC34	Standard 'G' type, cable clamp for 3/4" rod. Conductor range 16-95mm ²	1

Earth Disconnection



Standard of Compliance
BS EN13601

Specifications
• 400A (25mm x 6mm)
• 800A (50mm x 6mm)

Busbars

List No.	Description	Pack Qty
EDB6	6 way 400A	1
EDB6D	6 way + link 400A	1
EDB10	10 way 400A	1
EDB10D	10 way + link 400A	1
EDB6D-8	6 way + link 800A	1
EDB6-8	6 way 800A	1
EDB10-8	10 way 800A	1
EDB10D-8	10 way + link 800A	1

Brass Earthing Terminals



Single Pole

List No.	Max Conductor	Size	Pack Qty
ET4	16mm ²	4 way	10
ET6	16mm ²	6 way	10
ET8	16mm ²	8 way	10
ET9	16mm ²	9 way	10



Double Pole

List No.	Max Conductor	Size	Pack Qty
ETTB4	With cheese head, brass screws, 1 x 25 + 3 x 16mm ²	4 way	25
ETTB8	With cheese head, brass screws, 2 x 25 + 6 x 16mm ²	8 way	10



M4 Brass Earth Stud

List No.	Max Conductor	Pack Qty
BET2	10mm ² - Round term, Mail con/box	100

Earth Bonding Clamps



Standard of Compliance
BS 951

Maximum Conductor
A-D 1 x 10mm²

Specification
• UK made

Dry Condition Clamps

List No.	Pipe Diameter	Pack Qty
AEC4-14	12-32mm	25
AEC4/2	32-50mm	20
AEC4/3	50-75mm	20



Standard of Compliance
BS 951

Maximum Conductor
A-D 1 x 10mm²

Specification
• UK made

Damp Condition Clamps - Blue Coded Label

List No.	Pipe Diameter	Pack Qty
AEC2-15	12-32mm	25
AEC2/2	32-50mm	20
AEC2/3	50-75mm	20



Standard of Compliance
BS 951

Maximum Conductor
F-H 1 x 75mm²

Specification
• European made

Heavy Duty Clamps - Dry Conditions

List No.	Pipe Diameter	Pack Qty
AEC5	12-38mm	5
AEC5/4	38-100mm	5
AEC5/6	100-150mm	5



Specification
• UK made

This product is suitable for;

- Wet radiators
- Sink units
- Metal cladding
- Ducting
- Metal work surfaces
- Raised metal flooring
- Computer & telecom ancillaries

Dry Condition Speedy Earth® Clamps

List No.	Description	Pack Qty
SE10	Speedy earth pack	10
SE100	Speedy earth pack	100
LA2	Safety labels (for speedy earth)	200



Specification
• UK made

Safety Label

List No.	Description	Pack Qty
LA1	Aluminium safety earth label for earth clamps (AEC4, AEC2 & AEC3)	200

Damp Condition Clamps - Blue Coded Label

List No.	Pipe Diameter	Pack Qty
AEC3-16	12-32mm	20
AEC3/2	32-50mm	20
AEC3/3	50-75mm	20



Wiring Accessories

Switch & Socket Ranges

Independently
Tested &
Certified by
intertek

Ultima Screwless

Brushed Chrome
Polished Chrome

Premium Edge S

Brushed Chrome

Premium Edge

Brushed Chrome
Polished Chrome

Profile

Slim Moulded

Arctic Edge

Square Edge Moulded

Hurricane

IP66 & IP55

Euro Media

TV / Data & Power

Matrix20

20A AX Grid

Metallic

Metal Clad

*Excluding the Arctic Edge range

THE niGLOn FULL HOUSE

**800+ products across
9 ranges provides an
offering for all budgets
and applications.**

From white moulded,
ultra-slim contemporary
designs, to decorative
stainless steel faceplates.



ULTIMA[★]

Screwless Decorative

Manufactured from stainless steel and available in brushed & polished chrome finishes, with no visible plastic switch surround.

PROFILE

Slim Moulded

A modern designed smooth-edged range of wiring accessories made from urea, which has inherent anti-microbial properties.

MATRIX20

Grid System

An extensive range of grid modules provide easy on site configuration, offering seamless integration into matching faceplates.

PREMIUM EDGE S

Advanced Decorative

A range of switches and sockets featuring a contemporary low-profile design, manufactured with stainless steel faceplates, in a luxurious brushed chrome effect finish.

ARCTIC EDGE

Square-Edge Moulded

A white, square-edged, moulded accessory manufactured in a robust urea construction. Arctic Edge offers traditional design values for new, or existing installations.

Hurricane 6

Weatherproof

Constructed from a High Impact Resistant material. Hurricane products are designed to withstand ingress from dust and water, in both indoor and outdoor applications.

PREMIUM EDGE

Slimline Decorative

A comprehensive, modern, ultra-slim, decorative, stainless-steel accessory range finished in brushed and polished chrome with white or black coloured inserts.

EURO MEDIA

TV / Data & Power

A range of euro sized modules allowing integration of TV, Data and USB charging points into Ultima, Premium Edge S, Premium Edge & Profile faceplates.

METALLIC

Metal Clad

A comprehensive range of metal clad wiring accessories for use in the most demanding environments. Manufactured from heavy duty steel and finished in satin silver.



Brushed Chrome



Standard of Compliance
BS EN 60669-1

Mounting Boxes
• 25mm deep

10AX Light Switches

List No.	Description	Pack Qty
U-SP612-BC	1 gang 2 way	1
U-SP622-BC	2 gang 2 way	1
U-SP632-BC	3 gang 2 way	1
U-SP642-BC	4 gang 2 way	1
U-SP662-BC	6 gang 2 way	1
U-SP6FAN-BC	3-pole 'fan' isolator	1
U-SP6INT-BC	1 gang intermediate	1



Standard of Compliance
BS EN 60669

Type
• Leading Edge
Mounting Boxes
• 35mm deep min

240V Dimmer Switches

List No.	Description	Pack Qty
U-DS412P-BC	1 gang 2 way 400W push	1
U-DS422P-BC	2 gang 2 way 400W push	1
U-DS432P-BC	3 gang 2 way 400W push	1
U-DS442P-BC	4 gang 2 way 400W push	1

Suitable for mains & low voltage lighting. When using with LED lighting check with the manufacturer for compatibility prior to installation. **Specific Niglon LED Dimmer module available on page 47.**



Standard of Compliance
BS EN 60669-1

Mounting Boxes
• 25mm deep

20A DP Switches

List No.	Description	Pack Qty
U-SP20DP-BC	20A DP switch	1
U-SP20DPN-BC	20A DP switch with LED indicator	1
U-SP20DPF-BC	20A DP switch with flex outlet	1
U-SP20DPNF-BC	20A DP switch with LED indicator & flex outlet	1



Standard of Compliance
BS EN 60669-1

Mounting Boxes
• 25mm deep

10AX Wide Rocker Light Switches

List No.	Description	Pack Qty
U-SPW612-BC	1 gang 2 way wide rocker switch	1
U-SPW622-BC	2 gang 2 way wide rocker switch	1
U-SPW632-BC	3 gang 2 way wide rocker switch (requires 2G back box)	1
U-SPW642-BC	4 gang 2 way wide rocker switch	1
U-SPW6INT-BC	1 gang intermediate wide rocker switch	1



Standard of Compliance
BS 1363 with BS 1362 fuse

Mounting Boxes
• 25mm deep

13A Fused Connection Units

List No.	Description	Pack Qty
U-FS13-BC	13A unswitched fused connection unit	1
U-FS13N-BC	13A unswitched fused connection unit with LED indicator	1
U-FS13FO-BC	13A unswitched fused connection unit with flex outlet	1
U-FS13NFO-BC	13A unswitched connection unit with LED indicator & flex outlet	1
U-FS13DP-BC	13A switched fuse connection unit	1
U-FS13DPN-BC	13A switched fuse connection unit with LED indicator	1
U-FS13DPF-BC	13A switched fuse connection unit with flex outlet	1
U-FS13DPFN-BC	13A switched fuse connection unit with flex outlet & LED indicator	1

ULTIMA Brochure

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Brushed Chrome



□ White insert ■ Black insert ▒ Grey insert

Standard of Compliance
BS 1363

Mounting Boxes

- Min 25mm deep (see note)
- Standby when device is fully charged
- Detects USB devices & adjusts charging
- Protects the devices in the event of an overload

Note

- All 2 gang socket outlets have 2 earth terminals as standard
- USB Socket Outlets require 35mm deep back boxes

13A Socket Outlets

List No.	Description	Pack Qty
U-S131DPS-BCW	□ 1 gang DP switched	1
U-S132DPS-BCW	□ 2 gang DP switched (twin earth)	1
U-S131USB-BCW	□ 1 gang switched with 2.1A USB port	1
U-S132USB-BCW	□ 2 gang switched with 1 x 2.1A & 1 x 1A USB ports	1
U-S131DPS-BC	■ 1 gang DP switched	1
U-S132DPS-BC	■ 2 gang DP switched (twin earth)	1
U-S131USB-BC	■ 1 gang switched with 2.1A USB port	1
U-S132USB-BC	■ 2 gang switched with 1 x 2.1A & 1 x 1A USB ports	1
U-S131DPS-BCG	▒ 1 gang DP switched	1
U-S132DPS-BCG	▒ 2 gang DP switched (twin earth)	1
U-S131USB-BCG	▒ 1 gang switched with 2.1A USB port	1
U-S132USB-BCG	▒ 2 gang switched with 1 x 2.1A & 1 x 1A USB ports	1



Standard of Compliance
BS 1363

Mounting Box
• 25mm deep

5A Socket Outlets

List No.	Description	Pack Qty
U-S51-BCW	□ 1 gang 5A unswitched socket	1
U-S51-BC	■ 1 gang 5A unswitched socket	1
U-S51-BCG	▒ 1 gang 5A unswitched socket	1



Standard of Compliance
BS 4177

Mounting Box

- 47mm deep
- White insert
- Black insert
- ▒ Grey insert

45A Cooker Control Unit

List No.	Description	Pack Qty
U-CC45DPN-BCW	□ 45A DP cooker control unit with LED indicator & 13A socket	1
U-CC45DPN-BC	■ 45A DP cooker control unit with LED indicator & 13A socket	1
U-CC45DPN-BCG	▒ 45A DP cooker control unit with LED indicator & 13A socket	1



Standard of Compliance

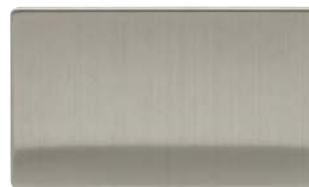
BS EN 61558
230V input with
230V & 115V Outlets

Mounting Box

- 47mm deep
- White insert
- Black insert
- ▒ Grey insert

Shaver Sockets

List No.	Description	Pack Qty
U-DVSS-BCW	□ Shaver socket 230/115V plate white insert	1
U-DVSS-BC	■ Shaver socket 230/115V plate black insert	1
U-DVSS-BCG	▒ Shaver socket 230/115V plate grey insert	1



Blanking Plates

List No.	Description	Pack Qty
U-BP1-BC	Single blank plate	1
U-BP2-BC	Double blank plate	1

See page **46 - 49**
for **MATRIX20 Grid System**





Brushed Chrome



Standard of Compliance
BS EN 60069-1

Mounting Boxes
• 47mm deep

45A DP Switches

List No.	Description	Pack Qty
U-SP45DP-BC	45A DP switch single plate	1
U-SP45DPN-BC	45A DP switch single plate with LED indicator	1
U-SP45LDP-BC	45A DP switch double plate	1
U-SP45LDPN-BC	45A DP switch with LED indicator double plate	1



Standard of Compliance
TV Outlets Comply with BS 3041
Satellite Outlets Comply with BS EN 50083-2

Mounting Box
• 25mm deep

Co-Axial & Satellite Socket

List No.	Description	Pack Qty
U-TV1-BC	1 gang TV/FM socket isolated	1
U-TV2-BC	2 gang TV/FM socket isolated	1
U-TV+SAT-BC	2 gang TV+ satellite socket	1
U-SAT1-BC	1 gang satellite socket	1



Standard of Compliance
BS EN 60069-1
BT Sockets comply with BS EN 6312-2

Mounting Boxes
• BT - 25mm deep
• Data - 35mm deep

Telephone Outlets

List No.	Description	Pack Qty
U-BT1M-BC	1 gang BT master outlet	1
U-BT1S-BC	1 gang BT secondary outlet	1
U-DS15-BC	1 gang Cat. 5 outlet	1
U-DS25-BC	2 gang Cat. 5 outlet	1
U-DS16-BC	1 gang Cat. 6 outlet	1
U-DS26-BC	2 gang Cat. 6 outlet	1

Polished Chrome



Standard of Compliance
BS EN 60669-1

Mounting Boxes
• 25mm deep

10AX Light Switches

List No.	Description	Pack Qty
U-SP612-PC	1 gang 2 way	1
U-SP622-PC	2 gang 2 way	1
U-SP632-PC	3 gang 2 way	1
U-SP642-PC	4 gang 2 way	1
U-SP662-PC	6 gang 2 way	1
U-SP6FAN-PC	3-pole 'fan' isolator	1
U-SP6INT-PC	1 gang intermediate	1



Standard of Compliance
BS EN 60069-1

Mounting Boxes
• 25mm deep

10AX Wide Rocker Light Switches

List No.	Description	Pack Qty
U-SPW612-PC	1 gang 2 way wide rocker switch	1
U-SPW622-PC	2 gang 2 way wide rocker switch	1
U-SPW632-PC	3 gang 2 way wide rocker switch (requires 2G back box)	1
U-SPW642-PC	4 gang 2 way wide rocker switch	1
U-SPW6INT-PC	1 gang intermediate wide rocker switch	1



Standard of Compliance
BS EN 60669-2
EN55015

Type
• Leading Edge
Mounting Boxes
• 35mm deep min

240V Dimmer Switches

List No.	Description	Pack Qty
U-DS412P-PC	1 gang 2 way 400W push	1
U-DS422P-PC	2 gang 2 way 400W push	1
U-DS432P-PC	3 gang 2 way 400W push	1
U-DS442P-PC	4 gang 2 way 400W push	1

Suitable for mains & low voltage lighting. When using with LED lighting check with the manufacturer for compatibility prior to installation. **Specific Niglon LED Dimmer module available on page 47.**

Polished Chrome



Standard of Compliance
BS EN 60069-1

Mounting Boxes
• 47mm deep

45A DP Switches

List No.	Description	Pack Qty
U-SP45DP-PC	45A DP switch single plate	1
U-SP45DPN-PC	45A DP switch single plate with LED indicator	1
U-SP45LDP-PC	45A DP switch double plate	1
U-SP45LDPN-PC	45A DP switch with LED indicator double plate	1



Standard of Compliance
BS 1363 with BS 1362 fuse

Mounting Boxes
• 25mm deep

13A Fused Connection Units

List No.	Description	Pack Qty
U-FS13-PC	13A unswitched fused connection unit	1
U-FS13N-PC	13A unswitched fused connection unit with LED indicator	1
U-FS13FO-PC	13A unswitched fused connection unit with flex outlet	1
U-FS13NFO-PC	13A unswitched connection unit with LED indicator & flex outlet	1
U-FS13DP-PC	13A switched fuse connection unit	1
U-FS13DPN-PC	13A switched fuse connection unit with LED indicator	1
U-FS13DPF-PC	13A switched fuse connection unit with flex outlet	1
U-FS13DPFN-PC	13A switched fuse connection unit with flex outlet & LED indicator	1



☐ White insert ☒ Black insert

Standard of Compliance
BS 1363

Mounting Boxes

- Min 25mm deep (see note)
- Standby when device is fully charged
- Detects USB devices & adjusts charging
- Protects the devices in the event of an overload

Note

- All 2 gang socket outlets have 2 earth terminals as standard
- USB Socket Outlets require 35mm deep back boxes

13A Socket Outlets

List No.	Description	Pack Qty
U-S131DPS-PCW ☐	1 gang DP switched	1
U-S132DPS-PCW ☐	2 gang DP switched	1
U-S131USB-PCW ☐	1 gang switched with 2.1A USB port	1
U-S132USB-PCW ☐	2 gang switched with 1 x 2.1A & 1 x 1A USB ports	1
U-S131DPS-PC ☒	1 gang DP switched	1
U-S132DPS-PC ☒	2 gang DP switched (twin earth)	1
U-S131USB-PC ☒	1 gang switched with 2.1A USB port	1
U-S132USB-PC ☒	2 gang switched with 1 x 2.1A & 1 x 1A USB ports	1



Standard of Compliance
BS EN 60069-1

Mounting Boxes
• 25mm deep

20A DP Switches

List No.	Description	Pack Qty
U-SP20DP-PC	20A DP switch	1
U-SP20DPN-PC	20A DP switch with LED indicator	1
U-SP20DPF-PC	20A DP switch with flex outlet	1
U-SP20DPNF-PC	20A DP switch with LED indicator & flex outlet	1

See page **46 - 49**
for **MATRIX20 Grid System**





Polished Chrome



Standard of Compliance
BS 4177

Mounting Box

- 47mm deep
- White insert
- Black insert

45A Cooker Control Unit

List No.	Description	Pack Qty
U-CC45DPN-PCW	45A DP cooker control unit with LED indicator & 13A socket	1
U-CC45DPN-PC	45A DP cooker control unit with LED indicator & 13A socket	1



Blanking Plates

List No.	Description	Pack Qty
U-BP1-PC	Single blank plate	1
U-BP2-PC	Double blank plate	1



Standard of Compliance
BS 1363

Mounting Box
• 25mm deep

5A Socket Outlets

List No.	Description	Pack Qty
U-S51-PCW	1 gang 5A unswitched socket	1
U-S51-PC	1 gang 5A unswitched socket	1



Standard of Compliance

TV Outlets Comply with BS 3041

Satellite Outlets Comply with BS EN 50083-2

Mounting Box

- 25mm deep

Co-Axial & Satellite Socket

List No.	Description	Pack Qty
U-TV1-PC	1 gang TV/FM socket isolated	1
U-TV2-PC	2 gang TV/FM socket isolated	1
U-TV+SAT-PC	2 gang TV+ satellite socket	1
U-SAT1-PC	1 gang satellite socket	1



Standard of Compliance

BS EN 60069-1

BT Sockets comply with BS EN 6312-2

Mounting Boxes

- BT - 25mm deep
- Data - 35mm deep

Telephone & Data Outlets

List No.	Description	Pack Qty
U-BT1M-PC	1 gang BT master outlet	1
U-BT1S-PC	1 gang BT secondary outlet	1
U-DS15-PC	1 gang Cat. 5 outlet	1
U-DS25-PC	2 gang Cat. 5 outlet	1
U-DS16-PC	1 gang Cat. 6 outlet	1
U-DS26-PC	2 gang Cat. 6 outlet	1



Standard of Compliance

BS EN 61558

230V input with
230V & 115V Outlets

Mounting Box

- 47mm deep
- White insert
- Black insert

Shaver Sockets

List No.	Description	Pack Qty
U-DVSS-PCW	Shaver socket 230/115V plate white insert	1
U-DVSS-PC	Shaver socket 230/115V plate black insert	1

Brushed Chrome



Standard of Compliance
BS EN 60669-1
Mounting Boxes
• 25mm deep

10AX Light Switches

List No.	Description	Pack Qty
D-SP612-BCM	1 gang 2 way	1
D-SP622-BCM	2 gang 2 way	1
D-SP632-BCM	3 gang 2 way	1
D-SP642-BCM	4 gang 2 way	1
D-SP6INT-BCM	1 gang intermediate	1
D-SP6FAN-BCM	3 pole 'Fan' isolator	1



Standard of Compliance
BS EN 60669-1
Type
• Leading Edge
Mounting Boxes
• 35mm deep min

240V Dimmer Switches

List No.	Description	Pack Qty
D-DS412P-BC	1 gang 2 way 400W push	1
D-DS422P-BC	2 gang 2 way 400W push	1
D-DS432P-BC	3 gang 2 way 400W push	1
D-DS442P-BC	4 gang 2 way 400W push	1

Suitable for mains & low voltage lighting. When using with LED lighting check with the manufacturer for compatibility prior to installation. **Specific Niglon LED Dimmer module available on page 47.**



■ Grey insert

Standard of Compliance
BS 1363
Mounting Boxes
• Min 25mm deep (see note)
Smart USB
• Standby when device is fully charged
• Detects USB devices & adjusts charging
• Protects the devices in the event of an overload
Note
• All 2 gang socket outlets have 2 earth terminals as standard
• USB Socket Outlets require 35mm deep back boxes

13A Socket Outlets

List No.	Description	Pack Qty
D-S131DPS-BCG	13A 1 gang DP switched	1
D-S131USB-BCG	13A 1 gang switched with 2.1A USB port	1
D-S132DPS-BCG	13A 2 gang DP switched (twin earths)	1
D-S132USB-BCG	13A 2 gang switched with 1 x 2.1A + 1 x 1A USB ports	1



Standard of Compliance
BS 4177
Mounting Box
• 47mm deep
■ Grey insert

45A Cooker Control Unit

List No.	Description	Pack Qty
D-CC45DPN-BCG	45A DP red rocker cooker control unit with LED & 13A socket	1
D-CC45DPN-BCM	45A DP metal rocker cooker control unit with LED & 13A socket	1



Standard of Compliance
BS EN 60069-1
Mounting Boxes
• 25mm deep

20A DP Switch

List No.	Description	Pack Qty
D-SP20DPN-BCM	20A DP switch with LED	1



Standard of Compliance
BS EN 61558
230V input with 230V & 115V Outlets
Mounting Box
• 47mm deep
■ Grey insert

Shaver Sockets

List No.	Description	Pack Qty
D-DVSS-BCG	Dual Volt Shaver Socket 20VA	1



Standard of Compliance
BS 1363
Mounting Boxes
• Min 25mm deep
■ Grey insert

5A Socket Outlet

List No.	Description	Pack Qty
D-S51-BCG	5A 1 gang unswitched socket	1

Switches & Sockets

Brushed Chrome



Standard of Compliance
TV Outlets Comply with BS 3041
Satellite Outlets Comply with BS EN 50083-2
Telephone Outlets Comply with BS EN 6312-2

Mounting Box
• Telephone, Satellite & TV - 25mm deep
• Data - 35mm deep
■ Grey insert

Media Outlets

List No.	Description	Pack Qty
D-BT1M-BCG	1 Gang BT Master Outlet	1
D-BT1S-BCG	1 Gang BT Secondary Outlet	1
D-SAT1-BCG	1 Gang Satellite Socket	1
D-TV+SAT-BCG	2 Gang TV + Satellite Socket	1
D-TV1-BCG	1 Gang TV/FM Socket Isolated	1
D-TV2-BCG	2 Gang TV/FM Socket Isolated	1



Standard of Compliance
BS EN 6069-1

Mounting Boxes
• 47mm deep

45A DP Switches

List No.	Description	Pack Qty
D-SP45LDPN-BCG	45A DP red rocker with LED double plate	1
D-SP45DPN-BCG	45A DP red rocker single plate with LED	1
D-SP45LDPN-BCM	45A DP metal rocker with LED double plate	1
D-SP45DPN-BCM	45A DP metal rocker single plate with LED	1



Standard of Compliance
BS 1363 with BS 1362 fuse

Mounting Boxes
• 25mm deep

13A Fused Connection Units

List No.	Description	Pack Qty
D-FS13-BCM	13A fused connection unit	1
D-FS13F-BCM	13A fused connection unit with flex outlet	1
D-FS13DP-BCM	13A switched fused connection unit	1
D-FS13DPF-BCM	13A switched fused connection unit with flex outlet	1
D-FS13DPN-BCM	13A switched fused connection unit with LED	1
D-FS13DPFN-BCM	13A switched fused connection unit with LED & flex outlet	1

PREMIUM EDGE

Accept No Alternatives

A contemporary low-profile design, manufactured with stainless steel faceplates, in a luxurious brushed chrome effect finish.



Metal to Metal Rockers

No visible plastic switch surrounds, creating a sleek and lavish look to each faceplate.



Grey Inserts

Subtle grey inserts guaranteed to compliment any style of interior décor.



Smart USBs

Smart USB outlets can detect USB devices when plugged in, adjust charging current, turn to standby when fully charged and protect devices in the event of an overload.



LEDs

Where applicable flush red LED indicators have been fitted, giving a clean sophisticated look to the range.



Modular Switches

All 10AX light switches are constructed using a highly adaptable modular design, allowing reconfiguration on site, without the need for a full grid system.



Edge to Edge Gasket

Concealed edge to edge gasket to prevent tarnishing of the plate where moisture is present during installation, such as on freshly plastered or painted walls.

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Brushed Chrome



Standard of Compliance
BS EN 60669-1

Mounting Boxes
• 25mm deep

- ☐ White insert
☒ Black insert

10AX Light Switches

List No.	Description	Pack Qty
D-SP612-BCW	☐ 1 gang 2 way	1
D-SP622-BCW	☐ 2 gang 2 way	1
D-SP632-BCW	☐ 3 gang 2 way	1
D-SP642-BCW	☐ 4 gang 2 way	1
D-SP662-BCW	☐ 6 gang 2 way	1
D-SP6INT-BCW	☐ 1 gang intermediate	1
D-SP6FAN-BCW	☐ 3 pole 'fan' isolator	1
D-SP612-BC	☒ 1 gang 2 way	1
D-SP622-BC	☒ 2 gang 2 way	1
D-SP632-BC	☒ 3 gang 2 way	1
D-SP642-BC	☒ 4 gang 2 way	1
D-SP662-BC	☒ 6 gang 2 way	1
D-SP6INT-BC	☒ 1 gang intermediate	1
D-SP6FAN-BC	☒ 3 pole 'fan' isolator	1
D-SMINT-BC	Intermediate switch module brushed chrome rocker	1



Mounting Boxes
• 47mm deep

- ☐ White insert
☒ Black insert

Key Card Switch

List No.	Description	Pack Qty
D-SP32KEY-BCW	☐ 32A Key card switch	1
D-SP32KEY-BC	☒ 32A Key card switch	1



Standard of Compliance
BS EN 60669-1

Type
• Leading Edge

Mounting Boxes
• 35mm deep min

240V Dimmer Switches

List No.	Description	Pack Qty
D-DS412P-BC	1 gang 2 way 400W push	1
D-DS422P-BC	2 gang 2 way 400W push	1
D-DS432P-BC	3 gang 2 way 400W push	1
D-DS442P-BC	4 gang 2 way 400W push	1

Suitable for mains & low voltage lighting. When using with LED lighting check with the manufacturer for compatibility prior to installation. **Specific Niglon LED Dimmer module available on page 47.**



Standard of Compliance
BS EN 60069-1

Mounting Boxes
• 25mm deep

- ☐ White insert
☒ Black insert

20A DP Switches

List No.	Description	Pack Qty
D-SP20DP-BCW	☐ 20A DP switch	1
D-SP20DPN-BCW	☐ 20A DP switch with neon	1
D-SP20DPNF-BCW	☐ 20A DP switch with neon & flex outlet	1
D-SP20DP-BC	☒ 20A DP switch	1
D-SP20DPN-BC	☒ 20A DP switch with neon	1
D-SP20DPNF-BC	☒ 20A DP switch with neon & flex outlet	1



Blanking Plates

List No.	Description	Pack Qty
D-BP1-BC	1 gang blanking plate	1
D-BP2-BC	2 gang blanking plate	1

See page **46 - 49**
for **MATRIX20 Grid System**





Brushed Chrome



Standard of Compliance
BS EN 60069-1

Mounting Boxes
• 47mm deep

- ☐ White insert
☒ Black insert

45A DP Switches

List No.		Description	Pack Qty
D-SP45DP-BCW	☐	45A DP switch single plate	1
D-SP45DPN-BCW	☐	45A DP switch with neon single plate	1
D-SP45LDP-BCW	☐	45A DP switch double plate	1
D-SP45LDPN-BCW	☐	45A DP switch with neon double plate	1
D-SP45DP-BC	☒	45A DP switch single plate	1
D-SP45DPN-BC	☒	45A DP switch with neon single plate	1
D-SP45LDP-BC	☒	45A DP switch double plate	1
D-SP45LDPN-BC	☒	45A DP switch with neon double plate	1



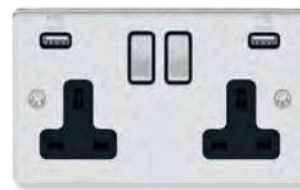
Standard of Compliance
BS 1363 with BS 1362 fuse

Mounting Boxes
• 25mm deep

- ☐ White insert
☒ Black insert

13A Fused Connection Units

List No.		Description	Pack Qty
D-FS13-BCW	☐	13A fused connection unit	1
D-FS13N-BCW	☐	13A fused connection unit with neon	1
D-FS13DP-BCW	☐	13A switched fused connection unit	1
D-FS13DPN-BCW	☐	13A switched fused connection unit with neon	1
D-FS13DPF-BCW	☐	13A switched fused connection unit with flex outlet	1
D-FS13DPFN-BCW	☐	13A switched fused connection unit with neon & flex outlet	1
D-FS13-BC	☒	13A fused connection unit	1
D-FS13N-BC	☒	13A fused connection unit with neon	1
D-FS13DP-BC	☒	13A switched fused connection unit	1
D-FS13DPN-BC	☒	13A switched fused connection unit with neon	1
D-FS13DPF-BC	☒	13A switched fused connection unit with flex outlet	1
D-FS13DPFN-BC	☒	13A switched fused connection unit with neon & flex outlet	1



☐ White insert ☒ Black insert

Standard of Compliance
BS 1363

Mounting Boxes
Min 25mm deep (see note)

Smart USB

- Standby when device is fully charged
- Detects USB devices & adjusts charging
- Protects the devices in the event of an overload

Note

- All 2 gang socket outlets have 2 earth terminals as standard
- USB Socket Outlets require 35mm deep back boxes

13A Socket Outlets

List No.		Description	Pack Qty
D-S131DPS-BCW	☐	1 gang DP switched	1
D-S132DPS-BCW	☐	2 gang DP switched (twin earths)	1
D-S131USB-BCW	☐	1 gang switched with 2.1A USB port	1
D-S132USB-BCW	☐	2 gang switched with 1 x 2.1A & 1 x 1A USB ports	1
D-S131DPS-BC	☒	1 gang DP switched	1
D-S132DPS-BC	☒	2 gang DP switched (twin earths)	1
D-S131USB-BC	☒	1 gang switched with 2.1A USB port	1
D-S132USB-BC	☒	2 gang switched with 1 x 2.1A & 1 x 1A USB ports	1

5A Socket Outlets

List No.		Description	Pack Qty
D-S51-BCW	☐	1 gang 5A unswitched socket	1
D-S51-BC	☒	1 gang 5A unswitched socket	1



Standard of Compliance
BS EN 61558 BS 1363

Mounting Boxes
• 35mm deep

Note

- Floor sockets use 50mm x 50mm Euro Modules / Kit
- Black inserts

Floor Sockets

List No.		Description	Pack Qty
D-FS131-BC	☒	1 gang floor socket brushed chrome	1
D-FS132-BC	☒	2 gang floor socket brushed chrome	1

Brushed Chrome



Standard of Compliance
BS 4777

Mounting Box

• 47mm deep

☐ White insert

☒ Black insert

45A Cooker Control Unit & Outlet Plate

List No.	Description	Pack Qty
D-CC45DPN-BCW ☐	45A DP cooker control unit with neon & 13A socket	1
D-CC45DPN-BC ☒	45A DP cooker control unit with neon & 13A socket	1



☐ White insert

☒ Black insert

20A Flex Outlet Plates

List No.	Description	Pack Qty
D-CU20-BCW ☐	20A flex outlet plate with front exit	1
D-CU20-BC ☒	20A flex outlet plate with front exit	1



Standard of Compliance
BS EN 61558

230V input with
230V & 115V Outlets

Mounting Box

• 47mm deep

☐ White insert

☒ Black insert

Shaver Sockets

List No.	Description	Pack Qty
D-DVSS-BCW ☐	Dual volt shaver socket 20VA	1
D-DVSS-BC ☒	Dual volt shaver socket 20VA	1



Standard of Compliance

TV Outlets Comply with BS 3041

Satellite Outlets Comply with BS EN 50083-2

Mounting Box

• 25mm deep

☐ White insert

☒ Black insert

Co-Axial & Satellite Socket

List No.	Description	Pack Qty
D-TV1-BCW ☐	1 gang TV/FM socket isolated	1
D-TV2-BCW ☐	2 gang TV/FM socket isolated	1
D-TV1NI-BCW ☐	1 gang TV/FM socket	1
D-TV2NI-BCW ☐	2 gang TV/FM socket	1
D-TV+SAT-BCW ☐	2 gang TV+ satellite socket	1
D-SAT1-BCW ☐	1 gang satellite socket	1
D-TV1-BC ☒	1 gang TV/FM socket isolated	1
D-TV2-BC ☒	2 gang TV/FM socket isolated	1
D-TV1NI-BC ☒	1 gang TV/FM socket	1
D-TV2NI-BC ☒	2 gang TV/FM socket	1
D-TV+SAT-BC ☒	2 gang TV+ satellite socket	1
D-SAT1-BC ☒	1 gang satellite socket	1



Standard of Compliance

BT Sockets comply with BS EN 6312-2

Mounting Boxes

• BT - 25mm deep

• Data - 35mm deep

☐ White insert

☒ Black insert

Telephone & Data Outlets

List No.	Description	Pack Qty
D-BT1M-BCW ☐	1 gang BT master outlet	1
D-BT1S-BCW ☐	1 gang BT secondary outlet	1
D-DS15-BCW ☐	1 gang Cat. 5 outlet	1
D-DS25-BCW ☐	2 gang Cat. 5 outlet	1
D-DS16-BCW ☐	1 gang Cat. 6 outlet	1
D-DS26-BCW ☐	2 gang Cat. 6 outlet	1
D-BT1M-BC ☒	1 gang BT master outlet	1
D-BT1S-BC ☒	1 gang BT secondary outlet	1
D-DS15-BC ☒	1 gang Cat. 5 outlet	1
D-DS25-BC ☒	2 gang Cat. 5 outlet	1
D-DS16-BC ☒	1 gang Cat. 6 outlet	1
D-DS26-BC ☒	2 gang Cat. 6 outlet	1



Polished Chrome



Standard of Compliance
BS EN 60669-1

Mounting Boxes
• 16mm (1 & 2 gang plates)
• 25mm (3-6 gang plates)

☐ White insert

☒ Black insert

10AX Light Switches

List No.	Description	Pack Qty
D-SP612-PCW ☐	1 gang 2 way	1
D-SP622-PCW ☐	2 gang 2 way	1
D-SP632-PCW ☐	3 gang 2 way	1
D-SP642-PCW ☐	4 gang 2 way	1
D-SP662-PCW ☐	6 gang 2 way	1
D-SP6INT-PCW ☐	1 gang intermediate	1
D-SP6FAN-PCW ☐	3 pole 'fan' isolator	1
D-SP612-PC ☒	1 gang 2 way	1
D-SP622-PC ☒	2 gang 2 way	1
D-SP632-PC ☒	3 gang 2 way	1
D-SP642-PC ☒	4 gang 2 way	1
D-SP662-PC ☒	6 gang 2 way	1
D-SP6INT-PC ☒	1 gang intermediate	1
D-SP6FAN-PC ☒	3 pole 'fan' isolator	1

D-SMINT-PC	Intermediate switch polished chrome rocker	1
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Mounting Boxes
• 47mm deep

☐ White insert

☒ Black insert

Key Card Switch

List No.	Description	Pack Qty
D-SP32KEY-PCW ☐	32A key card switch	1
D-SP32KEY-PC ☒	32A key card switch	1



Standard of Compliance
BS EN 60669-2

Type

• Leading Edge

Mounting Boxes

• 35mm deep min

240V Dimmer Switches

List No.	Description	Pack Qty
D-DS412P-PC	1 gang 2 way 400W push	1
D-DS422P-PC	2 gang 2 way 400W push	1
D-DS432P-PC	3 gang 2 way 400W push	1
D-DS442P-PC	4 gang 2 way 400W push	1

Suitable for mains & low voltage lighting. When using with LED lighting check with the manufacturer for compatibility prior to installation. **Specific Niglon LED Dimmer module available on page 47.**



Standard of Compliance
BS EN 60069-1

Mounting Boxes
• 25mm deep

☐ White insert

☒ Black insert

20A DP Switches

List No.	Description	Pack Qty
D-SP20DP-PCW ☐	20A DP switch	1
D-SP20DPN-PCW ☐	20A DP switch with neon	1
D-SP20DPNF-PCW ☐	20A DP switch with neon & flex outlet	1
D-SP20DP-PC ☒	20A DP switch	1
D-SP20DPN-PC ☒	20A DP switch with neon	1
D-SP20DPNF-PC ☒	20A DP switch with neon & flex outlet	1

Polished Chrome



Standard of Compliance
BS EN 60069-1

Mounting Boxes
• 47mm deep

- ☐ White insert
☒ Black insert

45A DP Switches

List No.	Description	Pack Qty
D-SP45DP-PCW	☐ 45A DP switch single plate	1
D-SP45DPN-PCW	☐ 45A DP switch with neon single plate	1
D-SP45LDP-PCW	☐ 45A DP switch double plate	1
D-SP45LDPN-PCW	☐ 45A DP switch with neon double plate	1
D-SP45DP-PC	☒ 45A DP switch single plate	1
D-SP45DPN-PC	☒ 45A DP switch with neon single plate	1
D-SP45LDP-PC	☒ 45A DP switch double plate	1
D-SP45LDPN-PC	☒ 45A DP switch with neon double plate	1



Standard of Compliance
BS 1363 with BS 1362 fuse

Mounting Boxes
• 25mm deep

- ☐ White insert
☒ Black insert

13A Fused Connection Units

List No.	Description	Pack Qty
D-FS13-PCW	☐ 13A fused connection unit	1
D-FS13N-PCW	☐ 13A fused connection unit with neon	1
D-FS13DP-PCW	☐ 13A switched fused connection unit	1
D-FS13DPN-PCW	☐ 13A switched fused connection unit with neon	1
D-FS13DPF-PCW	☐ 13A switched fused connection unit with flex outlet	1
D-FS13DPFN-PCW	☐ 13A switched fused connection unit with neon & flex outlet	1
D-FS13-PC	☒ 13A fused connection unit	1
D-FS13N-PC	☒ 13A fused connection unit with neon	1
D-FS13DP-PC	☒ 13A switched fused connection unit	1
D-FS13DPN-PC	☒ 13A switched fused connection unit with neon	1
D-FS13DPF-PC	☒ 13A switched fused connection unit with flex outlet	1
D-FS13DPFN-PC	☒ 13A switched fused connection unit with neon & flex outlet	1



☐ White insert ☒ Black insert

Standard of Compliance
BS 1363

Mounting Boxes
• Min 25mm deep (see note)

Smart USB

- Standby when device is fully charged
- Detects USB devices & adjusts charging
- Protects the devices in the event of an overload

Note

- All 2 gang socket outlets have 2 earth terminals as standard
- USB Socket Outlets require 35mm deep back boxes

13A Socket Outlets

List No.	Description	Pack Qty
D-S131DPS-PCW	☐ 1 gang DP switched	1
D-S132DPS-PCW	☐ 2 gang DP switched (twin earths)	1
D-S131USB-PCW	☐ 1 gang switched with 2.1A USB port	1
D-S132USB-PCW	☐ 2 gang switched with 1 x 2.1A & 1 x 1A USB ports	1
D-S131DPS-PC	☒ 1 gang DP switched	1
D-S132DPS-PC	☒ 2 gang DP switched (twin earths)	1
D-S131USB-PC	☒ 1 gang switched with 2.1A USB port	1
D-S132USB-PC	☒ 2 gang switched with 1 x 2.1A & 1 x 1A USB ports	1

5A Socket Outlets

List No.	Description	Pack Qty
D-S51-PCW	☐ 1 gang 5A unswitched socket	1
D-S51-PC	☒ 1 gang 5A unswitched socket	1



Blanking Plates

List No.	Description	Pack Qty
D-BP1-PC	1 gang blanking plate	1
D-BP2-PC	2 gang blanking plate	1

See page **46 - 49**
for **MATRIX20 Grid System**





Polished Chrome



Standard of Compliance
BS 4177

Mounting Box

• 47mm deep

☐ White insert

☒ Black insert

45A Cooker Control Unit & Outlet Plate

List No.	Description	Pack Qty
D-CC45DPN-PCW ☐	45A DP cooker control unit with neon & 13A socket	1
D-CC45DPN-PC ☒	45A DP cooker control unit with neon & 13A socket	1



☐ White insert

☒ Black insert

20A Flex Outlet Plates

List No.	Description	Pack Qty
D-CU20-PCW ☐	20A flex outlet plate with front exit	1
D-CU20-PC ☒	20A flex outlet plate with front exit	1



Standard of Compliance
BS EN 61558

230V input with
230V & 115V Outlets

Mounting Box

• 47mm deep

☐ White insert

☒ Black insert

Shaver Sockets

List No.	Description	Pack Qty
D-DVSS-PCW ☐	Dual volt shaver socket 20VA	1
D-DVSS-PC ☒	Dual volt shaver socket 20VA	1



Standard of Compliance

TV Outlets Comply with BS 3041

Satellite Outlets Comply with BS EN 50083-2

Mounting Box

• 25mm deep

☐ White insert

☒ Black insert

Co-Axial & Satellite Socket

List No.	Description	Pack Qty
D-TV1-PCW ☐	1 gang TV/FM socket isolated	1
D-TV2-PCW ☐	2 gang TV/FM socket isolated	1
D-TV1NI-PCW ☐	1 gang TV/FM socket	1
D-TV2NI-PCW ☐	2 gang TV/FM socket	1
D-TV+SAT-PCW ☐	2 gang TV+ satellite socket outlet	1
D-SAT1-PCW ☐	1 gang satellite socket outlet	1
D-TV1-PC ☒	1 gang TV/FM socket isolated	1
D-TV2-PC ☒	2 gang TV/FM socket isolated	1
D-TV1NI-PC ☒	1 gang TV/FM socket	1
D-TV2NI-PC ☒	2 gang TV/FM socket	1
D-TV+SAT-PC ☒	2 gang TV+satellite socket outlet	1
D-SAT1-PC ☒	1 gang satellite socket outlet	1



Standard of Compliance

BT Sockets comply with BS EN 6312-2

Mounting Boxes

• BT - 25mm deep

• Data - 35mm deep

☐ White insert

☒ Black insert

Telephone & Data Outlets

List No.	Description	Pack Qty
D-BT1M-PCW ☐	1 gang BT master outlet	1
D-BT1S-PCW ☐	1 gang BT secondary outlet	1
D-DS15-PCW ☐	1 gang Cat. 5 socket outlet	1
D-DS25-PCW ☐	2 gang Cat. 5 socket outlet	1
D-DS16-PCW ☐	1 gang Cat. 6 socket outlet	1
D-DS26-PCW ☐	2 gang Cat. 6 socket outlet	1
D-BT1M-PC ☒	1 gang BT master outlet	1
D-BT1S-PC ☒	1 gang BT secondary outlet	1
D-DS15-PC ☒	1 gang Cat. 5 socket outlet	1
D-DS25-PC ☒	2 gang Cat. 5 socket outlet	1
D-DS16-PC ☒	1 gang Cat. 6 socket outlet	1
D-DS26-PC ☒	2 gang Cat. 6 socket outlet	1

Slim Moulded



Standard of Compliance
BS EN 60669-1

Mounting Boxes
• 16mm (1 & 2 gang plates)
• 25mm (3-6 gang plates)

10AX Light Switches

List No.	Description	Pack Qty
P-SP611	1 gang 1 way	10
P-SP612	1 gang 2 way	10
P-SP622	2 gang 2 way	10
P-SP632	3 gang 2 way	10
P-SP642	4 gang 2 way	5
P-SP662	6 gang 2 way	5
P-SP6INT	1 gang intermediate	10
P-SP6FAN	3 pole 'fan' isolator	10
P-SP6PRS	Push retractive switch	10
P-SP6BELL	Bell switch	10
P-SPDPKY	1 gang DP key switch	10
P-SP12KY	1 gang 2 way key switch	10
P-SPDPEL	1 gang DP 2 way key switch marked emergency lighting	10
P-SP12EL	1 gang 2 way key switch marked emergency lighting	10



Standard of Compliance
BS 60669-1

10AX Switch Modules

List No.	Description	Pack Qty
P-SMINT	Intermediate switch module	10
P-SM12KY	Key switch module	10
P-SM12EL	2 way key switch module marked emergency lighting	10
P-SMDPKY	DP key switch module	10
P-SMDPEL	DP key switch module marked emergency lighting	10

See page **46 - 49**
for **MATRIX20 Grid System**



Standard of Compliance
BS EN 60669-2

Type

• Leading Edge

Mounting Boxes

• 35mm deep (a 10mm spacer frame can be supplied, enabling this unit to fit a 25mm deep backbox)

240V Dimmer Switches

List No.	Description	Pack Qty
P-DS412P	1 gang 2 way 400W push	10
P-DS422P	2 gang 2 way 400W push	10
P-DS432P	3 gang 2 way 400W push	5
P-DS442P	4 gang 2 way 400W push	5

Suitable for mains & low voltage lighting. When using with LED lighting check with the manufacturer for compatibility prior to installation. **Specific Niglon LED Dimmer module available on page 47.**



Standard of Compliance
BS EN 60669-1

Mounting Boxes

• 25mm deep

Note

* Flex outlet plates 10mm deep to allow bottom cable exit.

20A DP Switches

List No.	Description	Pack Qty
P-SP20DP	20A DP switch	10
P-SP20DPN	20A DP switch with neon	10
*P-SP20DP-BF	20A DP switch with flex outlet in base	10
*P-SP20DPN-BF	20A DP switch with neon & flex outlet in base	10



Standard of Compliance
BS EN 60669-1

Mounting Boxes

• 47mm deep

45A DP Switches

List No.	Description	Pack Qty
P-SP45DP	45A DP red rocker single plate	10
P-SP45DPN	45A DP red rocker with neon single plate	10
P-SP45LDP	45A DP red rocker double plate	5
P-SP45LDPN	45A DP red rocker with neon double plate	5
P-SP45DP-WH	45A DP white rocker single plate	10
P-SP45DPN-WH	45A DP white rocker with neon single plate	10
P-SP45LDP-WH	45A DP white rocker double plate	5
P-SP45LDPN-WH	45A DP white rocker with neon double plate	5





Slim Moulded



Standard of Compliance
BS 1363 with BS 1362 fuse

Mounting Boxes
25mm deep

Note
* Flex outlet plates 10mm deep
to allow bottom cable exit

13A Fused Connection Units

List No.	Description	Pack Qty
P-FS13	13A fused connection unit	10
P-FS13N	13A fused connection unit with neon	10
P-FS13DP	13A switched fused connection unit	10
P-FS13DPN	13A switched fused connection unit with neon	10
*P-FS13DP-BF	13A switched fused connection unit with flex outlet in base	10
*P-FS13DPN-BF	13A switched fused connection unit with neon & flex outlet in base	10



Standard of Compliance
BS 1363

Mounting Boxes
• Min 25mm deep

• All 2 gang socket outlets have
2 earth terminals as standard

13A Socket Outlets

List No.	Description	Pack Qty
P-S131S	1 gang SP switched	10
P-S132S	2 gang SP switched (twin earths)	5
P-S131DPS	1 gang DP switched	10
P-S132DPS	2 gang DP switched (twin earths)	5
P-S131DPSN	1 gang DP switched with neon	10
P-S132DPSN	2 gang DP switched with neon	5



Mounting Boxes

• 35mm deep (a 10mm spacer frame is available, enabling this unit to fit a 25mm deep backbox) see note.

Smart USB

• Standby when device is fully charged
• Detects USB devices & adjusts charging
• Protects the devices in the event of an overload

Note

• All 2 gang socket outlets require 25mm deep back boxes

13A Socket Outlets with USB

List No.	Description	Pack Qty
P-131USB	1 gang switched with 2.1A USB port	10
P-132USB-3	2 gang switched with 1 x 2.1A & 1 x 1A USB ports	5



Standard of Compliance
BS4177

Mounting Boxes
• 47mm deep

45A Cooker Control Unit & Outlet Plate

List No.	Description	Pack Qty
P-CC45DP	45A DP red rocker cooker control unit with 13A socket	5
P-CC45DPN	45A DP red rocker cooker control unit with neon & 13A socket	5
P-CU45	45A Cooker Outlet Plate	10
P-CC45DP-WH	45A DP white rocker cooker control unit with 13A socket	5
P-CC45DPN-WH	45A DP white rocker cooker control unit with neon & 13A socket	5



Standard of Compliance
BS 5733

20A Flex Outlet Plate & Blank Plates

List No.	Description	Pack Qty
P-CU20	20A flex outlet plate with front exit	10
P-BP1	1 gang blanking plate	10
P-BP2	2 gang blanking plate	10



Spacer Frames

List No.	Description	Pack Qty
P-SF1	10mm 1 gang spacer frame	10
P-SF2	10mm 2 gang spacer frame	10

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Slim Moulded



Standard of Compliance
BS 5733

Urea Moulded Mounting Pattress

List No.	Description	Pack Qty
P-SPB161	1 gang 16mm + earth terminal pattress	10
P-SPB251	1 gang 25mm pattress	10
P-SPB252	2 gang 25mm pattress	5
P-SPB351	1 gang 35mm pattress	10
P-SPB352	2 gang 35mm pattress	5
P-SPB471	1 gang 47mm + earth & cable clamp pattress	10
P-SPB472	2 gang 47mm + earth & cable clamp pattress	5



Standard of Compliance
BS EN 61558
230V input with
230V & 115V outlets
Mounting Boxes
• 47mm deep

Shaver Socket

List No.	Description	Pack Qty
P-DVSS	Dual volt shaver socket 20VA	1



Mounting Boxes
• 10A 25mm deep
• 32A 47mm deep

Key Card Switches

List No.	Description	Pack Qty
P-SP6KEY10	10A key card switch	1
P-SP6KEY32	32A key card switch	1



Standard of Compliance
BT Sockets comply with BS EN 6312-2
BT Type push-in terminals

Mounting Boxes
• BT - 25mm deep
• Data - 35mm deep

Telephone & Data Outlets

List No.	Description	Pack Qty
P-BT1-M	1 gang BT outlet master	10
P-BT1-S	1 gang BT outlet secondary	10
P-BT2-M	2 gang BT outlet master	10
P-BT2-S	2 gang BT outlet secondary	10
P-DS15	1 gang Cat. 5 outlet	10
P-DS25	2 gang Cat. 5 outlet	10
P-DS16	1 gang Cat. 6 outlet	10
P-DS26	2 gang Cat. 6 outlet	10



Standard of Compliance
TV Outlets Comply with BS 3041
Satellite Outlets Comply with BS EN 50083-2
Mounting Boxes
• 25mm deep

Co-Axial & Satellite Sockets

List No.	Description	Pack Qty
P-TV1	1 gang TV/FM socket	10
P-TV2	2 gang TV/FM socket	10
P-TV1-ISO	1 gang isolated TV/FM socket	10
P-TV2-ISO	2 gang isolated TV/FM socket	10
P-TV+SAT	2 gang TV+satellite socket	10
P-SAT1	1 gang satellite socket	10
P-SAT2	2 gang satellite socket	10
P-SAT1-45	1 gang 45° angled satellite socket	10

See page **44 - 45**
for **Telecom, Data**
& **Co-axial** options

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Square Edge Moulded



Standard of Compliance
BS EN 60669-1

Mounting Boxes
• 16mm (1 & 2 gang plates)
• 25mm (3-6 gang plates)

10AX Light Switches

List No.	Description	Pack Qty
SP611	1 gang 1 way	10
SP612	1 gang 2 way	10
SP622	2 gang 2 way	10
SP632	3 gang 2 way	10
SP642	4 gang 2 way	10
SP662	6 gang 2 way	10
SP6INT	1 gang intermediate	10
SP6FAN	3 pole fan isolator	10
SP6BEL	Bell switch	10
SP6A12	1 gang 2 way architrave	10
SP6A22	2 gang 2 way architrave	10

SPMINT	Intermediate switch module	10
SPMKEY	Key switch module	10



Standard of Compliance
BS EN 60669-2

Type
Leading Edge

Mounting Boxes
• 25mm deep

240V Dimmer Switches

List No.	Description	Pack Qty
DS412P	1 gang 2 way 400W push	10
DS422P	2 gang 2 way 400W push	10
DS432P	3 gang 2 way 400W push	5
DS442P	4 gang 2 way 400W push	5

Suitable for mains & low voltage lighting. When using with LED lighting check with the manufacturer for compatibility prior to installation. **Specific Niglon LED Dimmer module available on page 47.**



Standard of Compliance
BS EN 60669-1

Mounting Boxes
• 25mm deep
• All 20A DP switches have optional flex outlet exits at bottom

20A DP Switches

List No.	Description	Pack Qty
SP20DP	20A DP switch	10
SP20DPN	20A DP switch with neon	10
SP20DPNWH	20A DP switch with neon water heater	10



Standard of Compliance
BS EN 60669-1

Mounting Boxes
• 47mm deep

45A DP Switches

List No.	Description	Pack Qty
SP45DP	45A DP switch single plate	10
SP45DPN	45A DP switch with neon single plate	10
SP45LDP	45A DP switch double plate	5
SP45LDPN	45A DP switch with neon double plate	5



Standard of Compliance
BS 1363 with BS 1362 fuse

Mounting Boxes
• 25mm deep
• All 13A fused connection units have optional flex outlet exits at bottom

13A Fused Connection Units

List No.	Description	Pack Qty
FS13	13A fused connection unit	10
FS13N	13A fused connection unit with neon	10
FS13DP	13A switched fused connection unit	10
FS13DPN	13A switched fused connection unit with neon	10

Looking for **Time Lag Switches**
See page **101**



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Square Edge Moulded



Standard of Compliance
BS 1363

Mounting Boxes
• Min 25mm deep

13A Socket Outlets

List No.	Description	Pack Qty
S131	1 gang unswitched	10
S132	2 gang unswitched	10
S131S	1 gang SP switched	10
S132S	2 gang SP switched (twin earths)	10
S131DPS	1 gang DP switched	10
S132DPS	2 gang DP switched (twin earths)	10
S132USB-3	2 gang SP switched with 3.1A USB port	5



Standard of Compliance
BS 7288 & BS 1363

Mounting Boxes
25mm deep

RCD Protection
• 30mA - 40ms

• Products in this range have radiused sides & corners with plastic moulded face plates

13A RCD Sockets, RCD Spur, Surge Protected Socket Outlets & Plugs

List No.	Description	Pack Qty
S132RCDW	2 gang switched socket (latching)	1
FS13RCD	Fused spur fast-acting (latching)	1
S132SP	Surge protected socket	1
PT13SP	Surge protected 13A plug	1



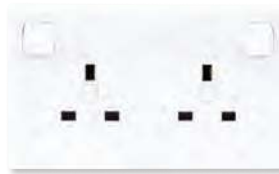
Standard of Compliance
BS EN 60598-2-1
BS3535

Note

• Lamp not included in this fitting

Shaver Light

List No.	Description	Pack Qty
DVSL	115/240V dual voltage 60W	1



Standard of Compliance
BS 1363

Mounting Boxes
• 35mm deep

• Products in this range have radiused sides & corners with plastic moulded fuse plates

Converter Socket Outlets

List No.	Description	Pack Qty
CS13D	Single to double switched converter socket	10
CS13T	Double to triple switched converter socket	5



Standard of Compliance
BS 4177 (CC45DP / CC45DPN)
BS 5733 (CU45)

Mounting Boxes
• 47mm deep

45A Cooker Control Unit & Outlet Plate

List No.	Description	Pack Qty
CC45DP	45A DP cooker control unit with 13A socket	5
CC45DPN	45A DP cooker control unit with neon & 13A socket	5
CU45	45A cooker flex outlet plate	10



Standard of Compliance
BS EN 61558

230V input with
230V & 115V Outlets

Mounting Boxes
• 47mm deep

Shaver Socket

List No.	Description	Pack Qty
DVSS	Dual volt shaver socket 20VA	1



Square Edge Moulded



Standard of Compliance
TV Outlets Comply with BS 3041
Mounting Boxes
• 25mm deep

Co-Axial Sockets

List No.	Description	Pack Qty
CS1	1 Gang TV/FM socket isolated	10
CS1NI	1 Gang TV/FM socket	10
CS2	2 Gang TV/FM socket isolated	10



Standard of Compliance
BS 5733

25A Flex Outlet Plate & Blank Plates

List No.	Description	Pack Qty
CU25	25A flex outlet plate with front/bottom exit	10
BP1	1 gang blanking plate	20
BP2	2 gang blanking plate	20



Standard of Compliance
BT Sockets comply with BS EN 6312-2
BT Type push-in terminals
Mounting Boxes
• 25mm deep

Telephone Outlets

List No.	Description	Pack Qty
TS1MDC	1 Gang BT master outlet	10
TS1SDC	1 Gang BT secondary outlet	10



Standard of Compliance
BS 5733

Surface Mounted Pattress

List No.	Description	Pack Qty
SPB161	1 gang 16mm + earth terminal pattress	10
SPB251	1 gang 25mm pattress	10
SPB252	2 gang 25mm pattress	5
SPB321	1 gang 32mm pattress	10
SPB322	2 gang 32mm pattress	10
SPB471	1 gang 47mm + earth & cable clamp pattress	5
SPB472	2 gang 47mm + earth & cable clamp pattress	5
SPB35X2	2 x 1 gang 35mm dual pattress	5
SPBA1	1 gang architrave	20
SPBA2	2 gang architrave	10
SPB132	1 gang 32mm PVC (with conduit K/Os)	10
SPB232	2 gang 32mm PVC (with mini trunking & conduit K/Os)	10



Standard of Compliance
BS 5733

Central Heating Junction Boxes

List No.	Description	Pack Qty
CH10	15A 10 way connector	10

See page **44 - 45**
for **Telecom, Data**
& **Co-axial** options

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IP66 & IP55



Standard of Compliance
BS 60669-1

Specification

- Polycarbonate UV resistant
- RoHS Compliant
- Supplied with multiple knock-outs mounting box
- Indicator that can be wired to illuminate when off or on

IP66 20AX Switches

List No.	Description	Pack Qty
H-WS201	1 gang 2 way	1
H-WS202	2 gang 2 way	1
H-WS201R	1 gang 2 way retractive printed 'PRESS'	1

**Specification**

- IP55 (with cover closed)

IP55 10AX Switches

List No.	Description	Pack Qty
WSE101	1 Gang 2 Way	1
WSE102	2 Gang 2 Way	1

**Specification**

- IP55 (with cover closed)

IP55 13A Socket

List No.	Description	Pack Qty
WSE131	1 gang unswitched	10



Standard of Compliance
BS 1363-4, BS 7288

RCD Protection 30mA - 40ms

Specification

- Supplied with multiple knock-out box base
- Polycarbonate UV resistant
- RoHS compliant
- Membrane plate cover for easy resetting purposes

IP66 13A RCD Protected Fused Spur

List No.	Description	Pack Qty
H-WS131FSR	1 gang 13A (latching)	1



Standard of Compliance
BS 1363-2

Specification

- Supplied with multiple knock-out mounting box
- IP66 Rated with plug in place & cover closed
- Hold open mechanism
- Polycarbonate UV resistant
- RoHS Compliant

IP66 13A Socket Outlets

List No.	Description	Pack Qty
H-WS131S	1 gang DP switched	1
H-WS132S	2 gang DP switched	1



Standard of Compliance
BS 1363-2, BS 7288

RCD Protection 30mA - 40ms

Specification

- Supplied with multiple knock-out mounting box
- IP66 Rated with plug in place & cover closed
- Hold open mechanism
- Polycarbonate UV resistant
- RoHS Compliant

IP66 13A RCD Protected Socket Outlet & 2G Enclosure

List No.	Description	Pack Qty
H-WS132R	2 gang DP switched (latching)	1
H-WS132HSE	2 gang enclosure (accepts standard 2 gang plates)	1

Switches & Sockets

IP66 & IP55



Standard of Compliance
BS 1363-2, BS 7288

RCD Protection 30mA - 40ms

Specification

- Supplied with multiple knock-out mounting box
- IP66 Rated with plug in place & cover closed
- Hold open mechanism
- Polycarbonate UV resistant
- RoHS Complaint

IP66 Outdoor Pre-wired Power Kit

List No.	Description	Pack Qty
H-WS132S3P	2 gang DP 13A switched socket with 3m flex & RCD plug (unlatched)	1



Standard of Compliance
BS1363

Specification

- Supplied with multiple knock-out base
- Polycarbonate UV resistant
- RoHS compliant

IP66 13A Fused Spur

List No.	Description	Pack Qty
H-WS131FS	1 gang 13A switched with neon	1



Specification

- IP55
- 410 x 195 x 105mm
- RoHS Compliant
- Provided with;
 - Wall mounting points
 - Socket fixing strip
 - 2 x 20/25mm Knock-outs
 - 5 x 12mm cable entries
 - Cable restraints

IP55 Weatherproof Power Box

List No.	Description	Pack Qty
WPB4	Box only	1
WPB4RS	Box & 4 gang socket	1

Hurricane 6

WEATHERPROOF RANGE

Constructed from a high impact resistant material, the Hurricane Range is designed to withstand ingress from dust and water.



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Modules



M-013



M-031-W



M-011-G

Standard of Compliance
BS 5733

Mounting Boxes

- 35mm deep

- Easy configuration of modules to plates - push fit
- Quick release for changing & maintenance

TV & Satellite Modules

List No.	Description	Pack Qty
M-001-W	☐ Blank plate (25mm x 50mm)	1
M-011-W	☐ TV outlet male (25mm x 50mm)	1
M-012-W	☐ TV & radio outlet female (25mm x 50mm)	1
M-013-W	☐ Satellite 'F' connector (25mm x 50mm)	1
M-021-W	☐ TV / radio outlet diplexer (50mm x 50mm)	1
M-022-W	☐ TV / SAT outlet diplexer (50mm x 50mm)	1
M-031-W	☐ TV / radio / SAT outlet triplexed (50mm x 50mm)	1
M-041-W	☐ SAT1 / SAT2 / TV & radio outlet triplexed (50mm x 50mm)	1
M-111-W	☐ PCB TV socket outlet (25mm x 50mm)	1
M-121-W	☐ Terminal 'F' connector outlet (25mm x 50mm)	1
M-001	☒ Blank plate (25mm x 50mm)	1
M-011	☒ TV outlet male (25mm x 50mm)	1
M-012	☒ TV & radio outlet female (25mm x 50mm)	1
M-013	☒ Satellite 'F' connector (25mm x 50mm)	1
M-021	☒ TV / radio outlet diplexer (50mm x 50mm)	1
M-022	☒ TV / SAT outlet diplexer (50mm x 50mm)	1
M-031	☒ TV / radio / SAT outlet triplexed (50mm x 50mm)	1
M-041	☒ SAT1 / SAT2 / TV & radio outlet triplexed (50mm x 50mm)	1
M-111	☒ PCB TV socket outlet (25mm x 50mm)	1
M-121	☒ Terminal 'F' connector outlet (25mm x 50mm)	1
M-001-G	☐ Blank plate (25mm x 50mm)	1
M-011-G	☐ TV outlet male (25mm x 50mm)	1
M-012-G	☐ TV & radio outlet female (25mm x 50mm)	1
M-013-G	☐ Satellite 'F' connector (25mm x 50mm)	1
M-041-G	☐ SAT1 / SAT2 / TV & radio outlet triplexed (50mm x 50mm)	1



M-151



M-102-W



M-151-G

Standard of Compliance
BS 6312-2

Mounting Boxes

- 35mm deep

- Easy configuration of modules to plates - push fit
- Quick release for changing & maintenance

BT & Data Modules

List No.	Description	Pack Qty
M-101-W	☐ BT slave outlet (25mm x 50mm)	1
M-102-W	☐ BT master outlet (25mm x 50mm)	1
M-141-W	☐ RJ11 outlet (25mm x 50mm)	1
M-151-W	☐ RJ45 CAT5E outlet (25mm x 50mm)	1
M-161-W	☐ RJ45 CAT6 outlet (25mm x 50mm)	1
M-101	☒ BT slave outlet (25mm x 50mm)	1
M-102	☒ BT master outlet (25mm x 50mm)	1
M-141	☒ RJ11 outlet (25mm x 50mm)	1
M-151	☒ RJ45 CAT5E outlet (25mm x 50mm)	1
M-161	☒ RJ45 CAT6 outlet (25mm x 50mm)	1
M-101-G	☐ BT slave outlet (25mm x 50mm)	1
M-102-G	☐ BT master outlet (25mm x 50mm)	1
M-151-G	☐ RJ45 CAT5E outlet (25mm x 50mm)	1



M-171-W



M-201-G



M-171

Standard of Compliance
BS 5733

Mounting Boxes

- 35mm deep

- Easy configuration of modules to plates - push fit
- Quick release for changing & maintenance

USB & 13A Socket Modules

List No.	Description	Pack Qty
M-201-W	☐ USB charger (2100mA) outlet (50mm x 50mm)	1
M-171-W	☐ HDMI mounted socket outlet (25mm x 50mm)	1
M-181-W	☐ USB mounted socket outlet (50mm x 50mm)	1
M-410-W	☐ 13A socket outlet (50mm x 50mm)	1
M-201	☒ USB charger (2100mA) outlet (50mm x 50mm)	1
M-171	☒ HDMI mounted socket outlet (25mm x 50mm)	1
M-181	☒ USB mounted socket outlet (50mm x 50mm)	1
M-410	☒ 13A socket outlet (50mm x 50mm)	1
M-410-G	☐ 13A socket outlet (50mm x 50mm)	1
M-201-G	☐ USB charger (2100mA) outlet (50mm x 50mm)	1

See page **46 - 49**
for **MATRIX20 Grid System**





Modules



Specifications

- Single data plate 2 modules
- Double data plate 4 modules

Euro Plates - Moulded

List No.	Description	Pack Qty
P-MP12	Profile 2 module	10
P-MP24	Profile 4 module	10
MP12	Arctic Edge 2 module	10
MP24	Arctic Edge 4 module	5



Specifications

- Single data plate 2 modules
- Double data plate 4 modules

Euro Plates - Premium Edge & Premium Edge S

List No.	Description	Pack Qty
D-MP12-BCM	2 modules brushed chrome	1
D-MP24-BCM	4 modules brushed chrome	1



Specifications

- Single data plate 2 modules
- Double data plate 4 modules

Euro Plates - Ultima

List No.	Description	Pack Qty
U-MP12-BC	2 modules brushed chrome	1
U-MP24-BC	4 modules brushed chrome	1
U-MP12-PC	2 modules polished chrome	1
U-MP24-PC	4 modules polished chrome	1



- Supplied as kits (includes 50mm x 50mm 13A socket modules)

Mounting Boxes

- 35mm deep
- Black insert

13A Floor Socket Plates

List No.	Description	Pack Qty
D-FS131-BC ■	1 gang unswitched 2 module brushed chrome	1
D-FS132-BC ■	2 gang unswitched 2 module brushed chrome	1



Hinged Cover Euro Plates

List No.	Description	Pack Qty
D-SF12-BC	1 gang 2 module brushed chrome	1
D-SF132-BC	2 gang 4 module brushed chrome	1

Co-axial Accessories



Plugs, Sockets, Couplers & Splitters

List No.	Description	Pack Qty
CA1	Aluminium plug	10
CA2	Aluminium female	10
CA3	Plastic coax coupler B/back	10
CA7	Aerial splitter 1 input 2 output	10
CA8	Plug to plug white 2m lead	10
CA9	Plug to line socket white 2m lead	10



20A AX Grid



Standard of Compliance
BS 60669-1

Mounting Box

35mm deep

• Interchangeable rockers
& printed rocker covers available

20AX Modules - White

List No.	Description	Pack Qty
M2-12	2 Way single pole switch	1
M2-12C	2 Way single pole centre off	1
M2-INT	Intermediate	1
M2-RET	1 Way retractive, SP (PRESS)	1
M2-DP	2 Way double pole	1



Standard of Compliance
BS 60669-1

Mounting Box

35mm deep

• Interchangeable rockers
& printed rocker covers available

20AX Modules - Brushed Chrome

List No.	Description	Pack Qty
M2-12-BC	2 Way single pole switch	1
M2-1C-BC	2 Way single pole centre off	1
M2-INT-BC	Intermediate	1
M2-RET-BC	1 Way retractive, SP (PRESS)	1
M2-DP-BC	2 Way double pole	1



Standard of Compliance
BS 60669-1

Mounting Box

35mm deep

• Interchangeable rockers
& printed rocker covers available

20AX Modules - Polished Chrome

List No.	Description	Pack Qty
M2-12-PC	2 Way single pole switch	1
M2-1C-PC	2 Way single pole centre off	1
M2-INT-PC	Intermediate	1
M2-RET-PC	1 Way retractive, SP (PRESS)	1
M2-DP-PC	2 Way double pole	1



Standard of Compliance
BS 60669-1

Mounting Box

35mm deep

• Supplied with key
• Spare keys available

20AX Secret Key Modules - White

List No.	Description	Pack Qty
M2-12KY	Key switch 2 way, single pole	1
M2-12EL	Key switch 2 way, single pole - printed 'EMG LTG TEST'	1
M2-DPKY	Key switch double pole	1
M2-DPEL	Key switch double pole - printed 'EMG LTG TEST'	1
M2-SKEY	Secret key	1



Standard of Compliance
BS 60669-1

Mounting Box

35mm deep

• Supplied with key
• Spare keys available

20AX Secret Key Modules
- Brushed Chrome

List No.	Description	Pack Qty
M2-12KY - BC	Key switch 2 way, single pole	1
M2-12EL - BC	Key switch 2 way, single pole - printed 'EMG LTG TEST'	1
M2-DPKY - BC	Key switch double pole	1
M2-DPEL - BC	Key switch double pole - printed 'EMG LTG TEST'	1



Standard of Compliance
BS 60669-1

Mounting Box

35mm deep

• Supplied with key
• Spare keys available

20AX Secret Key Modules
- Polished Chrome

List No.	Description	Pack Qty
M2-12KY - PC	Key switch 2 way, single pole	1
M2-12EL - PC	Key switch 2 way, single pole - printed 'EMG LTG TEST'	1
M2-DPKY - PC	Key switch double pole	1
M2-DPEL - PC	Key switch double pole - printed 'EMG LTG TEST'	1



20AX Grid



Standard of Compliance
BS 1363-4, BS 5733

Mounting Box
• 35mm deep

Fused, Flex Outlet & Blank Modules - White

List No.	Description	Pack Qty
M2-FUSE	Fuse holder	1
M2-FLEX	Flex outlet	1
M2-BLNK	Blank module	1



Standard of Compliance
BS 1363-4, BS 5733

Mounting Box
• 35mm deep

Fused, Flex Outlet & Blank Modules - Brushed Chrome

List No.	Description	Pack Qty
M2-FUSE-BC	Fuse holder	1
M2-FLEX-BC	Flex outlet	1
M2-BLNK-BC	Blank module	1



Standard of Compliance
BS 1363-4, BS 5733

Mounting Box
• 35mm deep

Fused, Flex Outlet & Blank Modules - Polished Chrome

List No.	Description	Pack Qty
M2-FUSE-PC	Fuse holder	1
M2-FLEX-PC	Flex outlet	1
M2-BLNK-PC	Blank module	1



Standard of Compliance
BS 5733

Mounting Box
• 35mm deep

Indicator Modules

List No.	Description	Pack Qty
M2-GRN	Indicator green	1
M2-ORG	Indicator orange	1
M2-RED	Indicator red	1



Standard of Compliance

BS 60669-2-1

Mounting Box

• 35mm deep

• Suitable for tungsten lamps, G10 halogen & proprietary LED lamps > 100W

• No guarantee is given that this module will work in conjunction with non-proprietary lamps

Dimmer Modules

List No.	Description	Pack Qty
M2-400	Grid white 2 way 400W push dimmer - LED 100W	1
M2-400-BC	2 Way grid 400W push dimmer - 100W LED brushed chrome	1
M2-400-PC	2 Way grid 400W push dimmer - 100W LED polished chrome	1
LEDDIM120	2 Way 0-120W LED Dimmer	1

Suitable for mains & low voltage lighting. When using with LED lighting check with the manufacturer for compatibility prior to installation.

NEW RANGE

Dimmer Plates & Knobs - No Module

List No.	Description	Pack Qty
D-DP1-BC	1 gang dimmer plate brushed chrome, Premium Edge/ Premium Edge S	1
D-DP2-BC	2 gang dimmer plate brushed chrome, Premium Edge/ Premium Edge S	1
D-DP3-BC	3 gang dimmer plate brushed chrome, Premium Edge/ Premium Edge S	1
D-DP4-BC	4 gang dimmer plate brushed chrome, Premium Edge/ Premium Edge S	1
D-DP1-PC	1 gang dimmer plate polished chrome, Premium Edge	1
D-DP2-PC	2 gang dimmer plate polished chrome, Premium Edge	1
D-DP3-PC	3 gang dimmer plate polished chrome, Premium Edge	1
D-DP4-PC	4 gang dimmer plate polished chrome, Premium Edge	1
U-DP1-BC	1 gang dimmer plate brushed chrome, Ultima	1
U-DP2-BC	2 gang dimmer plate brushed chrome, Ultima	1
U-DP3-BC	3 gang dimmer plate brushed chrome, Ultima	1
U-DP4-BC	4 gang dimmer plate brushed chrome, Ultima	1
U-DP1-PC	1 gang dimmer plate polished chrome, Ultima	1
U-DP2-PC	2 gang dimmer plate polished chrome, Ultima	1
U-DP3-PC	3 gang dimmer plate polished chrome, Ultima	1
U-DP4-PC	4 gang dimmer plate polished chrome, Ultima	1
P-DP1	1 gang dimmer plate, Profile	1
P-DP2	2 gang dimmer plate, Profile	1
P-DP3	3 gang dimmer plate, Profile	1
P-DP4	4 gang dimmer plate, Profile	1



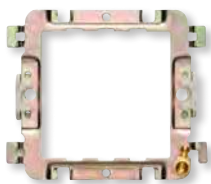
20AX Grid

**Note**

• Images shown are complete switch modules with printed rockers for visual reference purposes only. These product codes are for the rockers only

Printed Grid Rockers - White

List No.	Description	Pack Qty
M2R-HOB-W	Printed - Hob	1
M2R-OVN-W	Printed - Oven	1
M2R-FAN-W	Printed - Fan	1
M2R-WSH-W	Printed - Washing Machine	1
M2R-TDR-W	Printed - Tumble Dryer	1
M2R-FRD-W	Printed - Fridge	1
M2R-FRZ-W	Printed - Freezer	1
M2R-BLR-W	Printed - Boiler	1
M2R-MOW-W	Printed - Microwave	1
M2R-CKH-W	Printed - Cooker Hood	1
M2R-WHT-W	Printed - Water Heater	1
M2R-WST-W	Printed - Waste Disposal	1
M2R-AIR-W	Printed - Air Conditioning	1
M2R-DSW-W	Printed - Dish Washer	1
M2R-BEL-W	Printed - Bell Symbol	1
M2R-FFR-W	Printed - Fridge Freezer	1
M2R-HET-W	Printed - Heater	1
M2R-NPR-W	Unprinted Rocker	1

**Features**

- Universal frames
- Frames supplied with spacers for metal clad front plates
- 3 & 4 Gang Grid Frames can be used to build 6 or 8 Gang Switch Banks

Grid Frames

List No.	Description	Pack Qty
M2-GFR12	1 & 2 Gang grid frame	1
M2-GFR34	3 & 4 Gang grid frame	1



All Matrix20 rockers are interchangeable by inserting a screwdriver under the rocker cap & lifting.

**Note**

• Images shown are complete switch modules with printed rockers for visual reference purposes only. These product codes are for the rockers only

Printed Grid Rockers
Brushed & Polished Chrome

List No.	Description	Pack Qty
M2R-HOB-BC	Printed - Hob - brushed	1
M2R-OVN-BC	Printed - Oven - brushed	1
M2R-FAN-BC	Printed - Fan - brushed	1
M2R-WSH-BC	Printed - Washing Machine - brushed	1
M2R-TDR-BC	Printed - Tumble Dryer - brushed	1
M2R-FRD-BC	Printed - Fridge - brushed	1
M2R-FRZ-BC	Printed - Freezer - brushed	1
M2R-BLR-BC	Printed - Boiler - brushed	1
M2R-MOW-BC	Printed - Microwave - brushed	1
M2R-CKH-BC	Printed - Cooker Hood - brushed	1
M2R-WHT-BC	Printed - Water Heater - brushed	1
M2R-WST-BC	Printed - Waste Disposal - brushed	1
M2R-AIR-BC	Printed - Air Conditioning - brushed	1
M2R-DSW-BC	Printed - Dish Washer - brushed	1
M2R-BEL-BC	Printed - Bell Symbol - brushed	1
M2R-FFR-BC	Printed - Fridge Freezer - brushed	1
M2R-HET-BC	Printed - Heater - brushed	1
M2R-NPR-BC	Unprinted Rocker - brushed	1
M2R-HOB-PC	Printed - Hob - polished	1
M2R-OVN-PC	Printed - Oven - polished	1
M2R-FAN-PC	Printed - Fan - polished	1
M2R-WSH-PC	Printed - Washing Machine - polished	1
M2R-TDR-PC	Printed - Tumble Dryer - polished	1
M2R-FRD-PC	Printed - Fridge - polished	1
M2R-FRZ-PC	Printed - Freezer - polished	1
M2R-BLR-PC	Printed - Boiler - polished	1
M2R-MOW-PC	Printed - Microwave - polished	1
M2R-CKH-PC	Printed - Cooker Hood - polished	1
M2R-WHT-PC	Printed - Water Heater - polished	1
M2R-WST-PC	Printed - Waste Disposal - polished	1
M2R-AIR-PC	Printed - Air Conditioning - polished	1
M2R-DSW-PC	Printed - Dish Washer - polished	1
M2R-BEL-PC	Printed - Bell Symbol - polished	1
M2R-FFR-PC	Printed - Fridge Freezer - polished	1
M2R-HET-PC	Printed - Heater - polished	1
M2R-NPR-PC	Unprinted Rocker - polished	1



20AX Grid



Standard of Compliance
BS 5733

Note

• Front plates match the Profile range



Grid Plates - 'Profile' White Moulded

List No.	Description	Pack Qty
M2-GP1	1 Gang front plate	1
M2-GP2	2 Gang front plate	1
M2-GP3	3 Gang front plate	1
M2-GP4	4 Gang front plate	1
M2-GP6	6 Gang front plate	1
M2-GP8	8 Gang front plate	1



Standard of Compliance
BS 5733

Note

• Front plates match the Metallic range



Grid Plates - 'Metallic' Satin Silver

List No.	Description	Pack Qty
M2-GP1-M	1 Gang front plate	1
M2-GP2-M	2 Gang front plate	1
M2-GP3-M	3 Gang front plate	1
M2-GP4-M	4 Gang front plate	1
M2-GP6-M	6 Gang front plate	1
M2-GP8-M	8 Gang front plate	1



Note

• Front plates match the Metallic range

Surface or Flush Mounted 'Metallic' Back Boxes

List No.	Description	Pack Qty
M2-BB12	1 & 2 Gang back box	1
M2-BB34	3 & 4 Gang back box	1
M2-BB68	6 & 8 Gang back box	1



Standard of Compliance
BS 5733

Note

• Front plates match the Premium Edge & Premium Edge S* range



Grid Plates - 'Premium Edge & Premium Edge S*' Brushed & Polished Chrome

List No.	Description	Pack Qty
M2-GP1-BC	1 Gang front plate - brushed	1
M2-GP2-BC	2 Gang front plate - brushed	1
M2-GP3-BC	3 Gang front plate - brushed	1
M2-GP4-BC	4 Gang front plate - brushed	1
M2-GP6-BC	6 Gang front plate - brushed	1
M2-GP8-BC	8 Gang front plate - brushed	1
M2-GP1-PC	1 Gang front plate - polished	1
M2-GP2-PC	2 Gang front plate - polished	1
M2-GP3-PC	3 Gang front plate - polished	1
M2-GP4-PC	4 Gang front plate - polished	1
M2-GP6-PC	6 Gang front plate - polished	1
M2-GP8-PC	8 Gang front plate - polished	1

* Premium Edge S range only available in brushed chrome



Standard of Compliance
BS 5733

Note

• Front plates match the Ultima range



Grid Plates - 'Ultima' Brushed & Polished Chrome

List No.	Description	Pack Qty
M2-GP1-SBC	1 Gang screwless front plate - brushed	1
M2-GP2-SBC	2 Gang screwless front plate - brushed	1
M2-GP3-SBC	3 Gang screwless front plate - brushed	1
M2-GP4-SBC	4 Gang screwless front plate - brushed	1
M2-GP6-SBC	6 Gang screwless front plate - brushed	1
M2-GP8-SBC	8 Gang screwless front plate - brushed	1
M2-GP1-SPC	1 Gang screwless front plate - polished	1
M2-GP2-SPC	2 Gang screwless front plate - polished	1
M2-GP3-SPC	3 Gang screwless front plate - polished	1
M2-GP4-SPC	4 Gang screwless front plate - polished	1
M2-GP6-SPC	6 Gang screwless front plate - polished	1
M2-GP8-SPC	8 Gang screwless front plate - polished	1

Metal Clad



Standard of Compliance
BS EN 60669-1

Finish

- Satin Silver epoxy powder coating
- 20mm K/Os in each box side

10AX Light Switches

List No.	Description	Pack Qty
MSP612	1 gang 2 way	10
MSP622	2 gang 2 way	10
MSP632	3 gang 2 way	10
MSP642	4 gang 2 way	5
MSP662	6 gang 2 way	5
MSP6INT	1 gang intermediate	10

P-SMINT	Intermediate switch module	10
P-SM12KY	Key switch module	10



Standard of Compliance
BT Sockets comply with BS EN 6312-2
Connection Plate BS 5733

Finish

- Satin Silver epoxy powder coating
- 20mm K/Os in each box side

Telephone / Flex Outlets & Blank Plates

List No.	Description	Pack Qty
MTS1	Single master outlet	10
MTS2	Single secondary outlet	10
MBP1	1 gang blank plate with box	10
MBP2	2 gang blank plate with box	5



Standard of Compliance
BS EN 60669-1

Finish

- Satin Silver epoxy powder coating
- 20mm K/Os in each box side

45A DP Switches

List No.	Description	Pack Qty
MSP45DP	45A DP switch single plate size	10
MSP45DPN	45A DP switch with neon single plate size	10
MSP45LDPN	45A DP switch with neon double plate size	5



Standard of Compliance
BS 1363 with BS 1362 fuse

Finish

- Satin Silver epoxy powder coating
- 20mm K/Os in each box side

13A Fused Connection Units (FCUs)

List No.	Description	Pack Qty
MFS13	13A fused connection unit (FCU)	10
MFS13N	13A FCU with neon	10
MFS13NF	13A FCU with neon & flex outlet	10
MFS13F	13A FCU with flex outlet	10
MFS13DP	13A switched FCU	10
MFS13DPN	13A switched FCU with neon	10
MFS13DPNF	13A switched FCU with neon & flex outlet	10
MFS13DPF	13A switched FCU with flex outlet	10



Standard of Compliance
BS 1363

Finish

- Satin Silver epoxy powder coating
- 20mm K/Os in each box side

RCD Protection

- 30mA - 40ms
- All 2 gang socket outlets have 2 earth terminals as standard

13A Socket Outlets

List No.	Description	Pack Qty
MS131	13A 1 gang unswitched	10
MS132	13A 2 gang unswitched	5
MS131S	13A 1 gang SP switched	10
MS132S	13A 2 gang SP switched (twin earths)	5
S132RCMD	13A 2 gang switched socket RCD protected (latching)	1
MS131DPS	13A 1 gang DP switched	10
MS132DPS	13A 2 gang DP switched (twin earths)	5



Standard of Compliance
BS EN 60669-1

Finish

- Satin Silver epoxy powder coating
- 20mm K/Os in each box side

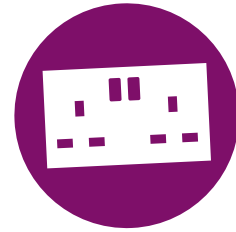
20A DP Switches

List No.	Description	Pack Qty
MSP20DP	20A DP Switch	10
MSP20DPF	20A DP switch with flex outlet	10
MSP20DPN	20A DP switch with neon	10
MSP20DPNF	20A DP switch with neon & flex outlet	10



Wiring Accessories

Essentials



Ceiling Accessories

Plug Tops & Trailing Sockets

- Plugs & Adaptors
- Trailing Sockets
- Extension Leads

Accessories

- 240V Cable Reels
- Disabled Toilet Alarm
- Smoke, Heat & Gas Alarms
- Fuse Wire Reels & Cards
- PVC Grommets
- PVC Grommet Strips
- PVC Tape
- Warning Tape
- Junction Boxes
- Dry Lining Boxes
- Back Boxes
- Insulated Connector Boxes
- Gel
- Compound
- Lampholders
- Sleeving

Connectors

- 12-Way Strip
- Porcelain
- Quick Loop
- Push-fit

Heating & Air Movement

- Extractor Fans & Accessories
- Hand Dryers
- Heating Programmers
- Heating Timers
- Room & Cylinder
- Thermostats
- Tubular Heaters
- Frost Heater

Ceiling Accessories



Standard of Compliance
BS 6972

(Suitable for BESA/conduit box or surface mounting)

Note

• Niglon plug-in units are Hager 'Klik' compatible

Plug-In Ceiling Roses

List No.	Description	Pack Qty
CCR3	3 pin set (plug, base & cover)	10
CCR4	4 pin auxiliary set	10
CR3275	3 pin pre-wired 2m x 0.75mm flex	5
CR4275	4 pin pre-wired 2m x 0.75mm flex	5



Standard of Compliance
BS EN 61184

Pre-Wired Batten Lampholders

List No.	Description	Pack Qty
BLSHOPW	Straight 4 terminal T2 rated with clear base & H.O. skirt	10
BLAHOPW	Angled 4 terminal T2 rated with clear base & H.O. skirt	10



Standard of Compliance
BS EN 61184

Fixed Terminal Batten Lampholders

List No.	Description	Pack Qty
FBLHO	Straight 3 terminal T2 rated with H.O. skirt	10
FBLAHO	Angled 3 terminal T2 rated with H.O. skirt	10

See page **39 - 41**
for traditional **Switches & Sockets**

ARCTIC
EDGE



Standards of Compliance
BS EN 60598-2-1
BS EN 61184
BS 67

Note

• Clear base on ceiling roses to aid wiring

Pendants, Ceiling Rose & Lampholder

List No.	Description	Pack Qty
PS6	6" Pre-wired T2 rated pendant set (metal bayonet)	10
CR6	6A rated ceiling rose with earth terminal & flex strain	10
LHSS	Short skirt T2 rated lampholder with metal bayonet	10



Standard of Compliance
Complies with part L of the building regulations

Energy Saving PL Pendant 10-18W

List No.	Description	Pack Qty
PLP18	Pre-wired pendant for use with 10, 13 & 18W 4pin G24q1 & q2 compact fluorescent lamps. (Not suitable for dimming)	1



Standard of Compliance
BS EN 60669-1

Note

• 6AX switches are suitable to use with fluorescent & inductive loads

Ceiling Pull Switches

List No.	Description	Pack Qty
CS61	6AX 1 way cord switch	10
CS62	6AX 2 way cord switch	10
CS45DPN	45A DP isolator cord switch with neon	10



Plugs & Adaptors



Standard of Compliance
BS 1363 & BS 1361

Approved by



Plug Tops - Standard

List No.	Description	Pack Qty
PT13	13A 3 pin	20



Standard of Compliance
BS 1363 & BS 1361

Approved by



Plug Tops - Resilient

List No.	Description	Pack Qty
RPT13W	13A 3 pin	20
RPT13B	13A 3 pin	20



Standard of Compliance
BS 1363 & BS 1361

RCD Protection
• 30mA - 40ms

RCD Protected Plug & Adaptor - 13A

List No.	Description	Pack Qty
PAD13RCD	13A RCD Plug (unlatched)	1
AD13RCD	13A RCD Adaptor (unlatched)	1



Standard of Compliance
BS 1363 & BS 1361

Adaptors

List No.	Description	Pack Qty
AD213	13A 2 way - unfused	10
AD313	13A 3 way - fused	10
SA1	Shaver adaptor	10

Trailing Sockets



Standard of Compliance
BS 1363 & BS 1361

1 - 6 Gang Trailing Sockets

List No.	Description	Pack Qty
RS13W	1 gang	10
RS213W	2 gang	10
RU13W	1 gang rubber	10
RU213W	2 gang rubber	10
RS413W	4 gang unswitched - with neon	5
RS413FW	4 gang fused - with neon	1
RS413SW	4 gang switched - with neon	5
RS613W	6 gang unswitched - with neon	1
RS13B	1 gang	10
RS213B	2 gang	10
RU13B	1 gang rubber	10
RU213B	2 gang rubber	10

Extension Leads



Standard of Compliance
BS 1363 & BS 1361

White (Pre-packed) - 13A

List No.	Description	Pack Qty
RS213CPW	2 gang + 2m cable	1
RS213/3CPW	2 gang + 3m cable	1
RS213/5CPW	2 gang + 5m cable	1
RS413CPW	4 gang + 2m cable	1
RS413FCPW	4 gang + 2m cable, fused	1
RS413SCPW	4 gang + 2m cable, switched	1
RS413ICPW	4 gang + 2m cable, 4 switches	1
RS413/3CPW	4 gang + 3m cable	1
RS413/5CPW	4 gang + 5m cable	1
RS613CPW	6 gang + 2m cable	1
RS613/5CPW	6 gang + 5m cable	1

Cable Reels

Robust cable reel enables various appliances to be connected at one time. The cable can be easily retracted using the wind handle. It is practical with the reel being able to stand up and the handle allowing easy transportation. Ideal for professional use on site, at home or in the workshop.



NER45013

HCR42013

Standard of Compliance
BS 61242:1998

Specifications

- 3 x 15mm² cable
- 4 Outlets
- 13A 3120W Unwound Rating
- Thermal Cut-Out

240V Cable Reels

List No.	Description	Pack Qty
HCR42013	20m case reel	1
NER42513	25m open reel	1
NER45013	50m open reel	1

Disabled Toilet Alarm



Specifications

- 2 Wire system
- 2 hour battery back-up
- Kit consists of main control, remote reset unit, over-door sounder/light, pull switch, sticker kit

Single Zone Call Control Unit

List No.	Description	Pack Qty
NWCA01	Single zone kit	1

Smoke, Heat & Gas Alarms



Standard of Compliance
BS EN14604, 50130-4 & 61000-6-3 where applicable

Specifications

- All 240V models are interlink-able & supplied with standard depth pattress

Certified



Smoke & Heat Alarms

List No.	Description	Pack Qty
NFA01A	240V photoelectric sensor smoke alarm, interlinkable, battery backup	1
NFA03	240V heat alarm, interlinkable, battery backup	1
PA1	Universal extra deep pattress	1



Standard of Compliance
BS EN14604, 50130-4 & 61000-6-3 where applicable

Specifications

- All 240V models are interlink-able & supplied with standard depth pattress

Certified



Carbon Monoxide Alarm

List No.	Description	Pack Qty
NFA04	Electrochemical CO sensor. 240V, interlink-able, battery backup	1

Fuse Wire Reels & Cards



List No.	Description	Length	Amp	SWG	Pack Qty
R5	Reel	285m	5A	35	1
R10	Reel	113m	10A	29	1
R15	Reel	57m	15A	25	1
R20	Reel	36m	20A	23	1
R30	Reel	22m	30A	21	1
R45	Reel	9m	45A	18	1
R60	Reel	5.6m	60A	16	1
R100	Reel	3.6m	100A	14	1
FWC30	Card	5/15/30A			10

PVC Grommets & Membranes



Standard Pattern

List No.	Size	Type	Pack Qty
100 Pack			
PGO16	16mm	Open	100
PGO20	20mm	Open	100
PGO20W	20mm	Open (white)	100
PGO25	25mm	Open	100
PGB16	16mm	Blind	100
PGB20	20mm	Blind	100
PGB25	25mm	Blind	100
50 Pack			
PGO32	32mm	Open	50
PGB32	32mm	Blind	50
PGB5	1 1/2"	Blind	50
25 Pack			
PGO5	1 1/2"	Open	25
PGO6	2"	Open	25
PGB6	2"	Blind	25



Super Grommet

List No.	Size	Type	Pack Qty
PGO20FF	20mm	Open	100
PGO25FF	25mm	Open	100

Warning Tape



Underground Warning Tape

List No.	Size	Pack Qty
WT	365m x 150mm	1

Grommet Strips



PVC Grommet Strip

List No.	To Suit Panel Thickness	Roll	Pack Qty
GS1	0.8mm - 1mm	35m	1
GS1.5	1.1mm - 1.5mm	30m	1
GS2	1.6mm - 2mm	25m	1
GS3	2.1mm - 3mm	20m	1
GS4	3.1mm - 4mm	15m	1

Tape



Standard of Compliance
BS 3924 Flame Retardant

Insulating PVC Tape

List No.	Size	Pack Qty
TA72BLA	19mm x 20m	10
TA76BLA	19mm x 33m	10
TA72RED	19mm x 20m	10
TA76RED	19mm x 33m	10
TA72BRO	19mm x 20m	10
TA76BRO	19mm x 33m	10
TA72BLU	19mm x 20m	10
TA76BLU	19mm x 33m	10
TA72WHI	19mm x 20m	10
TA76WHI	19mm x 33m	10
TA72YEL	19mm x 20m	10
TA76YEL	19mm x 33m	10
TA72GRE	19mm x 20m	10
TA76GRE	19mm x 33m	10
TA72REG	19mm x 20m	10
TA76REG	19mm x 33m	10

Junction Boxes



Standard of Compliance
BS EN 60670-2

Junction Boxes

List No.	Description	Pack Qty
JB204N58W	20A-4P junction box 58mm dia	20
JB204S80W	20A-4P junction box 80mm dia	10
JB206S86W	20A-6P junction box 86mm dia	10
JB303S90W	30A-3P junction box 90mm dia	10
JB603150W	60A 3P junction box 150mm dia	1
JB204N58B	20A-4P junction box 58mm dia	20
JB204S80B	20A-4P junction box 80mm dia	10
JB206S86B	20A-6P junction box 86mm dia	10
JB303S90B	30A-3P junction box 90mm dia	10
JB603150B	60A 3P junction box 150mm dia	1



Standard of Compliance
BS EN 60670-2

Insulated Link Boxes

List No.	Description	Pack Qty
N342/18	60A Single Pole (4 x 25mm ²)	1
N347/38	100A Single Pole (5 x 35mm ²)	1
N473/03	200A Single Pole (5 x 70mm ²)	1
N344/16	60A Double Pole (3 x 25mm ² & 2 x 16mm ²)	1
N345/19	100A Double Pole (2 x 5 x 35mm ²)	1



Standard of Compliance
BS EN 7671:2008
BS 5733

In-line Boxes

List No.	Description	Pack Qty
CB15VO	3 terminal 5-15A (chock-block box) Flame retardant. IP40 c/w cord grips. Downlight suitable. 74 x 47 x 27mm, connector not supplied	50

Dry Lining Boxes



Standard of Compliance
BS 5733:2010, A1:2014

Specifications

- Boxes fit all popular board thicknesses

Dry Lining Boxes

List No.	Description	Pack Qty
FF1	35mm 1 Gang	10
FF2	35mm 2 Gang	10
DFF2	35mm 'Dual'	10
FF1/45	45mm 1 Gang	10
FF2/45	45mm 2 Gang	10
FF2+1	35mm 2 Gang + 1 Gang	10
FF1R	35mm dia Round	10

See page **70** for
Membrane Moulded Boxes





Back Boxes



Standard of Compliance
BS EN60670
BS 4662

Metal Switch & Socket Boxes

List No.	Description	Pack Qty
Standard Pattern		
EPD	16mm 1 gang fitted with 1 adj & 1 fixed lug	20
E11	25mm 1 gang fitted with 1 adj & 3 fixed lugs	100
E12	25mm 2 gang fitted with 1 adj & 1 fixed lug	50
ES1	35mm 1 gang fitted with 1 adj & 3 fixed lugs	100
ES2	35mm 2 gang fitted with 1 adj & 1 fixed lug	50
AR1	27mm 1 gang architrave fitted with 2 fixed lugs	20
CB2	47mm 1 gang fitted with 1 adj & 3 fixed lugs	10
SB1	47mm 2 gang fitted with 1 adj & 1 fixed lug	5
Dual Pattern		
DES1	25mm 2 x 1 gang each outlet fitted with 1 adj & 8 fixed lugs	5
DES2	35mm 2 x 1 gang each outlet fitted with 1 adj & 4 fixed lugs	5
DES2/1	35mm 2 + 1 gang each outlet fitted with 1 adj & 4 fixed lugs	5
DES2/3	35mm 3 x 1 gang	5
DES211	35mm 2 x 1 x 1 gang	5
DES22	35mm 2 x 2 gang	5
DES221	35mm 2 x 2 x 1 gang	5
Extension Pattern		
EPDEB	16mm 1 gang fitted with 1 adj & 1 fixed lug	20
E11EB	25mm 1 gang fitted with 1 adj & 3 fixed lugs	10
E12EB	25mm 2 gang fitted with 1 adj & 1 fixed lug	10
ES1EB	35mm 1 gang fitted with 1 adj & 3 fixed lugs	10
ES2EB	35mm 2 gang fitted with 1 adj & 1 fixed lug	10



Note
• Can be used to extend the length of switch & socket screws by 35mm
• Used when a back box is too deep in the wall for standard fixing screws

Brass Extension Stud

List No.	Size	Pack Qty
EXS35	M3.5 x 34mm	100

Insulated Connector Boxes



Standard of Compliance
IEC 60998

Certified



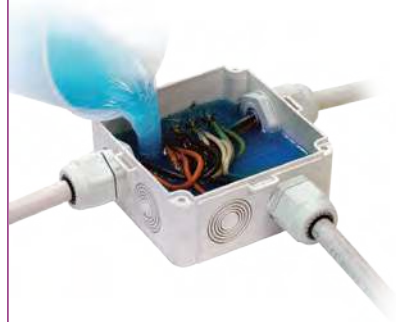
Specifications

- IP55
- Snap-fit cover
- Flame retardant
- Halogen free
- *IP54 - 5 way terminal provided

IP55 Moulded Connector Boxes

List No.	Size	Fairlead Entries	Pack Qty
FD7	77 x 75 x 42mm	7 x 19mm	10
FD10	93 x 43 x 42mm	6 x 19 + 4 x 15mm	10
FD12	93 x 90 x 48mm	12 x 19mm	10
8205*	75 x 75 x 37mm	7 x 19mm	10

Gel



Specifications

- Offers IP68 protection
- Re-enterable & reusable
- No Shelf life limitation
- Removable
- Dielectric strength > 22Kv
- Installations up to 1Kv & 140°C
- Non-toxic

Note

- Connection box, wires & glands not included

IP68 Insulating & Sealing Gel

List No.	Description	Pack Qty
BG170	170ml mix-sachet	1
BG250	250ml mix-sachet	1
BG400	400ml mix-sachet	1

Compound



Specifications

- None Flammable (at normal temperatures)
- Water resistant mastic
- None-hazardous
- Remains plastic malleable (none hardening)
- Provides moisture or fume barrier
- Ideal for bulkhead sealing

Plastic Sealing Compound

List No.	Description	Pack Qty
N653/03	1kg tub - green	1

Lampholders



Standard of Compliance
BS 5042 & 60238 where applicable

Lampholders - Brass

List No.	Description	Pack Qty
P4	BC 1/2" screwed plain	10
P10	BC 10mm screwed plain	10
S40	BC 1/2" screwed shade ring	10
S100	BC 10mm screwed shade ringw	10
S60	BC 20mm screwed shade ring	10
CGS1	BC cord-grip shade ring	10
PBS1	BC 1/2" push-bar shade ring	10
BTS1	BC batten shade ring	10
SBC4	SBC 1/2" screwed shade ring	20
SBTS	SBC batten shade ring	20
SCGS	SBC cord-grip shade ring	20
E4	ES 1/2" screwed plain	10
E40	ES 1/2" screwed shade ring	10
E60	ES 20mm screwed shade ring	10
ECGS	ES cord-grip shade ring	10
EBTS	ES batten shade ring	5
BBO	1/2" screwed back plates	1
CR4	Cord restraints for 1/2" L/holders	1
CR1	Cord restraints for 10mm L/holders	1
REL	1/2" - 10mm brass reducers	1



A Unique Product Available from Niglon

Designed specifically for the electrical trade, to help stop wasting time and money caused by damaged cable drums. Manufactured from fully recyclable ABS and polycarbonate materials.

See page **113**

Cable drum not included

Sleeving



Standard of Compliance
BS 2848 Type 3

PVC Sleeving

List No.	Size	Length	Pack Qty
SGY2	2mm	100m	1
GY2D (Drum)	2mm	100m	1
SGY3	3mm	100m	1
SGY3/10M	3mm	10m	1
GY3D (Drum)	3mm	100m	1
SGY4	4mm	100m	1
SGY4/10M	4mm	10m	1
GY4D (Drum)	4mm	100m	1
SGY5/10M	5mm	10m	1
SGY6	6mm	100m	1
SGY8	8mm	100m	1
SGY10	10mm	100m	1
SBR2	2mm	100m	1
SBR3	3mm	100m	1
SBR3/10M	3mm	10m	1
SBR3D (Drum)	3mm	100m	1
SBR4	4mm	100m	1
SBR4/10M	4mm	10m	1
SBR6	6mm	100m	1
SBR8	8mm	100m	1
SBR10	10mm	100m	1
SBL2	2mm	100m	1
SBL3	3mm	100m	1
SBL3/10M	3mm	10m	1
SBL3D (Drum)	3mm	100m	1
SBL4	4mm	100m	1
SBL4/10M	4mm	10m	1
SBL6	6mm	100m	1
SBL8	8mm	100m	1
SBL10	10mm	100m	1
SGR3	3mm	100m	1
SGR4	4mm	100m	1
SGR6	6mm	100m	1
SGR8	8mm	100m	1



12-Way Strips



Specifications
• Max working temp 80°C

Certified
CE

Economy Range T80 - 450V (White)

List No.	Amps	Size	Pack Qty
PN2	2.5A	1.0-4mm ²	10
PN5	5A	1.5-6mm ²	10
PN15	15A	2.5-10mm ²	10
PN30	30A	4.0-16mm ²	10
PN50	60A	6.0-25mm ²	10



Standard of Compliance
Self extinguishing (BS EN60998-1)

Specifications
• Snap free
• Max cont temp rating 80°C
• Max short period temp rating 110°C
• Glow wire tested 850°C
• Flame tested UL94 V2

Certified
D'E CE KEMA NF CEBEC NF

Thermoplastic T80 - 450V (White)

List No.	Amps	Size	Pack Qty
PN2TCE	2.5A	1.0-4mm ²	10
PN5TCE	5A	1.5-6mm ²	10
PN15TCE	15A	2.5-10mm ²	10
PN30TCE	30A	4.0-16mm ²	10



Standard of Compliance
Self extinguishing (BS EN60998-1)

Specifications
• Max cont temp rating 110°C
• Glow wire tested 850°C
• Flame Tested UL94 V0
• Snap free

Certified
D'E CE

Nylon-PA T110 - 450V (Natural)

List No.	Amps	Size	Pack Qty
NYN5	5A	1.5-6mm ²	10
NYN15	15A	2.5-10mm ²	10
NYN30	30A	4.0-16mm ²	10



Standard of Compliance
Self extinguishing (BS EN60998-1)

Specifications
• Max cont temp rating 150°C (180°C peak)
• Glow wire tested 850°C
• Flame Tested UL94 V0
• Snap free

Certified
D'E CE

Nylon-PA T150 - 450V (Brown)

List No.	Amps	Size	Pack Qty
BS5	5A	1.0-4mm ²	10
BS15	15A	2.5-10mm ²	10

Porcelain



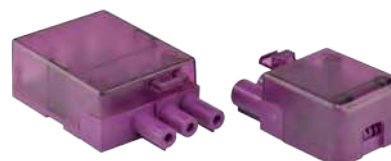
Standard of Compliance
BS EN60998-1/EN60335

Specifications
• 'c' Denotes centre fixing
• These articles are non-inflammable
• Maximum ambient temperature 280°C

T280 - 450V

List No.	Amps	Poles	Pack Qty
PC51	5A	1	100
PC52	5A	2	100
PC53	5A	3	100
PC52c	5A	2	100
PC151	15A	1	100
PC152	15A	2	100
PC153	15A	3	100
PC152c	15A	2	100
PC301	30A	1	100
PC302	30A	2	50
PC302c	30A	2	50

Quickloop



Standard of Compliance
BS EN61535

Specifications
• Cable: 4 x 1mm² flex / 3 x 2.5mm²
• 20A rating
• 135mm (H) x 50mm (W) x 25mm (D)

List No.	Description	Pack Qty
LC3P	3 pole connector + loop terminal	50

Push-fit



Standard of Compliance
BS 60998-1 60998-2-2

Specifications

- 24A / 450V
- 0.5 - 2.5mm² solid cable
- 1.5 - 2.5mm² stranded cable
- Not suitable for fine stranded cable
- Interlocking stacking design

Certified



NEW RANGE



Standard of Compliance
BS 60998-1 60998-2-2

Specifications

- 24A / 450V
- Lighting side
- 0.5 - 2.5mm² stranded cable
- 0.5 - 2.5mm² solid cable
- 0.5 - 2.5mm² fine stranded cable
- Installation side
- 0.75 - 2.5mm² solid cable

Certified



SDK Type - T90

List No.	Conductors	Conductor Entry	Pack Qty
SDK3	3	3 x solid or stranded	100
SDK5	5	5 x solid or stranded	50
SDK8	8	8 x solid or stranded	30

NEW RANGE



Standard of Compliance
BS 60998-1 60998-2-2

Specifications

- 32A / 450V
- 0.2 - 4mm² solid cable
- 0.2 - 4mm² stranded cable
- 0.34 - 4mm² fine stranded cable

Certified



Lighting Type - T90

List No.	Conductors	Conductor Entry Lighting Side	Conductor Entry Installation Side	Pack Qty
LPC1	2	1 x solid, stranded or fine	1 x solid	50
LPC2	3	1 x solid, stranded or fine	2 x solid ^o	50

NEW RANGE



Standard of Compliance
IEC/EN 60998-1, 60998-2-2

Specifications

- 41A / 400V
- 2.5 - 6mm² stranded cable
- 2.5 - 6mm² solid cable
- Not suitable for fine stranded cable

Certified



Lever Type - T85

List No.	Conductors	Conductor Entry	Pack Qty
VPC2	2	2 x solid, stranded or fine	100
VPC3	3	3 x solid, stranded or fine	50
VPC5	5	5 x solid, stranded or fine	25

NEW RANGE



Standard of Compliance
BS 60998-1 60998-2-2

Specifications

- 24A / 450V
- 0.5 - 2.5mm² solid cable

Certified



Big Red Type - T105

List No.	Conductors	Conductor Entry	Pack Qty
BRC3	3	3 x solid, stranded	25

Quick loop

A simple to install 20A three pin plug-in connector with loop terminal

Specifically designed to aid fast and safe installations with the flexibility to allow quick connection, configuration and re-configurations for a wide range of circuit applications.



Miniature Type - T60

List No.	Conductors	Conductor Entry	Pack Qty
MCP2	2	2 x solid	100
MCP3	3	3 x solid	50
MCP4	4	4 x solid	50
MCP5	5	5 x solid	50
MCP8	8	8 x solid	50



Extractor Fans & Accessories



Certified
CE

4" Wall Fans

List No.	Description	Pack Qty
EX4S	4" standard	1
EX4T	4" with timer	1
EX4HT	4" with humidistat & timer	1



Certified
CE

4" Shower Kits

List No.	Description	Pack Qty
SEX4T	4" in-line with timer	1
SEX4LT	4" in-line with light & timer	1



4" Accessories

List No.	Description	Pack Qty
EXA01	Fixed grille	1
EXA02	Gravity shutter	1
EXA03	Window kit, fixed grille	1
EXA04	Window kit, gravity shutter	1
EXA05	Wall kit, fixed grille	1
EXA06	Wall kit, gravity shutter	1
EXA07	PVC ducting 3m	1

Hand Dryers

TÜV GS



Standard of Compliance

AFPS GS 2014:01 Par. 3.1
EN 60335-2-23:2003+A1+A11+A2
EN 60335-1:2012+A11
EN 62233:2008

Certified

TÜV GS

Medium Duty

List No.	Description	Size (HxWxD)	Pack Qty
NHD21W	2.1 kW auto white - polycarbonate	265 x 245 x 205mm	1



Standard of Compliance

AFPS GS 2014:01 Par. 3.1
EN 60335-2-23:2003+A1+A11+A2
EN 60335-1:2012+A11
EN 62233:2008

Certified

TÜV GS

Heavy Duty

List No.	Description	Size (HxWxD)	Pack Qty
NHD23W	2.3 kW auto. white/metal	245 x 280 x 210mm	1
NHD23S	2.3kW auto. stainless steel	245 x 280 x 210mm	1

Heating Programmers



Specifications

- Manual override
- Timed extension (1-3hrs)
- Battery reserve
- Backlight
- Integrated frost & room stat
- Universal backplate
- Surface mounting
- 24hr/7 day
weekday/weekend options

Certified



Central Heating Programmers

List No.	Description	Pack Qty
DPQE1	LCD, 1 channel, combi suitable	1
DPQE2	LCD, 2 channel, (CH+HW), gravity & pumped	1

Heating Timers



PITWK



GPT247DP



GPT24MF

Certified



General Purpose & Plug-in Timers

List No.	Description	Pack Qty
GPT24MF	Mechanical, immersion heater compatible, 24 hr-15 minute tappets. 16 (6)A 240V. Single back box mounting centres	1
GPT247DP	Digital, 24 hr/7 day-1 minute. 16 (8)A 240V. 6/8 on/off x 7. Panel mounting	1
GPT247DS	Digital 24 hr/7 day-1 minute. 16 (8)A 240V. 6/8 on/off x 7. Surface mounting	1
PIT24M	Mechanical, 24 hr-15 minute tappets. 13A 240V	1
PITWK	Mechanical 7 Day. 13A 240V	1

Room & Cylinder Thermostats



DRT1



TY92A1

Standard of Compliance

IP20

Certified



Room & Cylinder Thermostats

List No.	Description	Pack Qty
WOR101X	10 > 30°C. Analogue. 10 (4)A. Bellows type. SPDT. Heat & cool	1
TY92A1	5 > 35°C. Analogue. 10 (3)A. Bimetallic type. SPST. Heat	1
TY92A3	5 > 35°C. Analogue. 10 (3)A. Bimetallic type. SPDT. Heat & cool	1
TY92A1FST	-5 > 15°C. Analogue. 10 (3)A. Bimetallic type. SPST. Frost	1
DRT1	5 > 35°C. LCD. 5 (3.5)A. Thermistor type. Volts free 24-240V	1
DRT2	5 > 35°C. LCD. 5 (3.5)A Thermistor type. Volts free 24-240V. 5 + 1 + 1 programmable	1
TS5320	10 > 90°C. Analogue. 16 (3)A Cylinder fitting	1



Specifications

- Transmitter powered by 2 x AAA Batteries (Not Included)
- Up to 20M wireless range
- 868 MHz Frequency
- DFR1 - Wireless Thermostat
- DFR2 - Wireless Thermostat with 7 Day timer

Certified



Room Thermostats - RF

List No.	Description	Pack Qty
DFR1	5 > 35°C. LCD. 10 (3)A. Thermistor type. Volts free 24-240V. Transmitter & receiver	1
DFR2	5 > 35°C. LCD. 10 (3)A Thermistor type. Volts free 24-240V. 5 + 1 + 1 programmable	1

Heating & Air Movement

Tubular Heaters

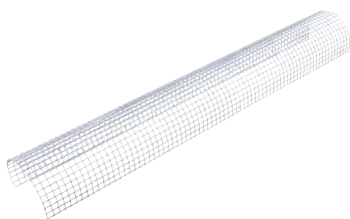


Standard of Compliance
BS EN60335-2
IP44

Certified

Heaters

List No.	Description	Pack Qty
NTH1	1' 60W tubular heater	1
NTH2	2' 120W tubular heater	1
NTH3	3' 180W tubular heater	1
NTH4	4' 240W tubular heater	1
NTH6	6' 360W tubular heater	1



Wire Guards

List No.	Description	Pack Qty
NTG1	1' heater guard	1
NTG2	2' heater guard	1
NTG3	3' heater guard	1
NTG4	4' heater guard	1
NTG6	6' heater guard	1

Frost Heater



Standard of Compliance
BS EN60335-2

Certified

Frost Heaters

List No.	Description	Pack Qty
NFH400	400W wall-mounted or free standing	1

niglon PUSH-FIT CONNECTORS

For Solid, Stranded or Fine Stranded Cables



SDK Type - T90

- General purpose
- Stacking design
- Colour coded for easy identification
- 24A
- Max 2.5mm² - Solid / Stranded



Lever Type - T85

- 32A
- Max 4mm² - Solid / Stranded / Fine



Miniature Type - T60

- Super-compact
- 24A
- Colour coded for easy identification
- Max 2.5mm² - Solid



Lighting Type - T90

- Space saving design
- 24A
- Max 2.5mm² - Solid / Stranded / Fine



Big Red Type - T105

- General purpose/heavy duty
- 41A
- Max 6mm² - Solid / Stranded



See page
60

Industrial Accessories

Isolators/Switches

Insulated Rotary Isolators
Metal Rotary Isolators
Stainless Steel Rotary Isolators
Changeover Switches

Connectors

CEE Plugs & Sockets
Connector Boxes

Junction & Distribution Boxes

Moulded
DIN Rails
Economy Moulded
Back Plates
Adaptors
Membrane Moulded
Gel
Weatherproof Distribution Boxes
Modular Enclosures



Insulated Rotary Isolators (AC21 380-440V)



Standard of Compliance
IEC EN 60947-1 & 3
BS EN 60947-3

Specification
• IP65
• RAL 7035

Certification
 intertek

Isolator 3 Pole

List No.	Size (HxWxD Without Switch)	Depth (With Switch)	Resistive Switching	Pack Qty
IS203P	125 x 100 x 70mm	118mm	20A	1
IS323P	125 x 100 x 70mm	118mm	32A	1
IS403P	125 x 100 x 70mm	118mm	40A	1
IS633P	175 x 125 x 90mm	134mm	63A	1
IS803P	175 x 125 x 90mm	134mm	80A	1

Isolator 4 Pole

List No.	Size (HxWxD Without Switch)	Depth (With Switch)	Resistive Switching	Pack Qty
IS204	125 x 100 x 70mm	118mm	20A	1
IS254	125 x 100 x 70mm	118mm	25A	1
IS254P-L	175 x 114 x 108mm	134mm	25A	1
IS324	125 x 100 x 70mm	118mm	32A	1
IS324P-L	175 x 125 x 90mm	134mm	32A	1
IS404	175 x 125 x 90mm	134mm	40A	1
IS634	175 x 125 x 90mm	134mm	63A	1
IS804	175 x 125 x 90mm	134mm	80A	1
IS1004	280 x 190 x 130mm	190mm	100A	1
IS1254P	280 x 190 x 130mm	190mm	125A	1

Metal Clad Rotary Isolators



NEW RANGE



Standard of Compliance
IEC EN 60947-1&3

Specification
• IP54
• RAL7035

Certification

Isolator 4 Pole

List No.	Size (HxWxD Without Switch)	Depth (With Switch)	Resistive Switching	Pack Qty
ISM404P	220 x 145 x 95mm	130mm	40A	1
ISM634P	220 x 145 x 95mm	130mm	63A	1
ISM804P	270 x 220 x 108mm	150mm	80A	1
ISM1004P	270 x 220 x 108mm	150mm	100A	1

Stainless Steel Rotary Isolators



NEW RANGE



Standard of Compliance
IEC EN 60947-1&3

Specification
• IP65

Certification

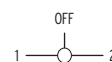
Isolator 4 Pole

List No.	Size (HxWxD Without Switch)	Depth (With Switch)	Resistive Switching	Pack Qty
ISS324P	160 x 120 x 86mm	120mm	32A	1
ISS404P	260 x 160 x 101mm	135mm	40A	1
ISS634P	260 x 160 x 101mm	135mm	63A	1
ISS804P	260 x 160 x 116mm	160mm	80A	1

Insulated Changeover Switches



NEW RANGE



Standard of Compliance
IEC EN 60947-1 & 3
BS EN 60947-3

Specification
• IP65
• 3 Position with Centre OFF
• RAL 7035

Certification
intertek

Switches 4 Pole

List No.	Size (HxWxD Without Switch)	Depth (With Switch)	Resistive Switching	Pack Qty
CS204P	125 x 100 x 95mm	120mm	20A	1
CS404P	175 x 114 x 100mm	140mm	40A	1
CS634P	240 x 160 x 165mm	200mm	63A	1
CS804P	240 x 160 x 165mm	200mm	80A	1

CEE Plugs & Sockets



57408

Standard of Compliance
BS EN 60309-1&2

Certified

57404

IP44 & IP67 In-Line Sockets

List No.	Amps	Volts	Pin Config	IP	Pack Qty
57401	16A	110V	2 p + E	IP44	1
57451	16A	110V	2 p + E	IP67	1
57404	16A	240V	2 p + E	IP44	1
57454	16A	240V	2 p + E	IP67	1
57408	16A	415V	3 p + E	IP44	1
57458	16A	415V	3 p + E	IP67	1
57409	16A	415V	3 p + E + N	IP44	1
57459	16A	415V	3 p + E + N	IP67	1
57413	32A	110V	2 p + E	IP44	1
57416	32A	240V	2 p + E	IP44	1
57466	32A	240V	2 p + E	IP67	1
57417	32A	240V	3 p + E	IP44	1
57420	32A	415V	3 p + E	IP44	1
57470	32A	415V	3 p + E	IP67	1
57421	32A	415V	3 p + E + N	IP44	1
57471	32A	415V	3 p + E + N	IP67	1
17478	63A	240V	2 p + E	IP67	1
17482	63A	415V	3 p + E	IP67	1
17483	63A	415V	3 p + E + N	IP67	1
17494	125A	415V	3 p + E	IP67	1
17495	125A	415V	3 p + E + N	IP67	1



57301

57358

Standard of Compliance
BS EN 60309-1&2

Certified

IP44 & IP67 Industrial Plugs

List No.	Amps	Volts	Pin Config	IP	Pack Qty
57301	16A	110V	2 p + E	IP44	1
57351	16A	110V	2 p + E	IP67	1
57304	16A	240V	2 p + E	IP44	1
57354	16A	240V	2 p + E	IP67	1
57308	16A	415V	3 p + E	IP44	1
57358	16A	415V	3 p + E	IP67	1
57309	16A	415V	3 p + E + N	IP44	1
57359	16A	415V	3 p + E + N	IP67	1
57313	32A	110V	2 p + E	IP44	1
17363	32A	110V	2 p + E	IP67	1
57316	32A	240V	2 p + E	IP44	1
57366	32A	240V	2 p + E	IP67	1
57320	32A	415V	3 p + E	IP44	1
57370	32A	415V	3 p + E	IP67	1
57321	32A	415V	3 p + E + N	IP44	1
57371	32A	415V	3 p + E + N	IP67	1
17378	63A	240V	2 p + E	IP67	1
17382	63A	415V	3 p + E	IP67	1
17383	63A	415V	3 p + E + N	IP67	1
17394	125A	415V	3 p + E	IP67	1
17395	125A	415V	3 p + E + N	IP67	1



CEE Sockets



Standard of Compliance
BS EN 60309-1&2
Certified

Specification
• 25mm entry

IP44 & IP67 Surface Sockets - Compact Type

List No.	Amps	Volts	Pin Config	IP	Pack Qty
57101	16A	110V	2 p + E	IP44	1
17151	16A	110V	2 p + E	IP67	1
57104	16A	240V	2 p + E	IP44	1
17154	16A	240V	2 p + E	IP67	1
57108	16A	415V	3 p + E	IP44	1
17158	16A	415V	3 p + E	IP67	1
57109	16A	415V	3 p + E + N	IP44	1
17159	16A	415V	3 p + E + N	IP67	1
57113	32A	110V	2 p + E	IP44	1
57116	32A	240V	2 p + E	IP44	1
17166	32A	240V	2 p + E	IP67	1
57120	32A	415V	3 p + E	IP44	1
17170	32A	415V	3 p + E	IP67	1
57121	32A	415V	3 p + E + N	IP44	1
17171	32A	415V	3 p + E + N	IP67	1



Standard of Compliance
BS EN 60309-1&2
Certified

IP67 Surface Sockets - with Back-Box

List No.	Amps	Volts	Pin Config	IP	Pack Qty
17178	63A	240V	2 p + E	IP67	1
17182	63A	415V	3 p + E	IP67	1
17183	63A	415V	3 p + E + N	IP67	1
17194	125A	415V	3 p + E	IP67	1
17195	125A	415V	3 p + E + N	IP67	1



57201



17283

Standard of Compliance
BS EN 60309-1&2
Certified

IP44 & IP67 Panel Sockets - Angled

List No.	Amps	Volts	Pin Config	IP	Pack Qty
57201	16A	110V	2 p + E	IP44	1
57204	16A	240V	2 p + E	IP44	1
57209	16A	415V	3 p + E + N	IP44	1
57216	32A	240V	2 p + E	IP44	1
17283	63A	415V	3 p + E + N	IP67	1



MORE CHOICE AVAILABLE

For more information about the extensive range of Industrial Plugs and Sockets Niglon can provide please contact our sales team:

sales@niglon.co.uk | 0121 711 1990

CEE Sockets



Standard of Compliance
BS EN 60309-1&2

Size
• Standard, 292mm H x 106mm W
• DIN46277/2, 175mm H x 45mm W

Certified

IP44, IP55 & IP66 Wall Mounted Interlocking Switched Sockets

List No.	Amps	Volts	Pin Config	IP	Pack Qty
16751	16A	110V	2 p + E	IP44	1
16754	16A	240V	2 p + E	IP44	1
16758	16A	415V	3 p + E	IP44	1
16759	16A	415V	3 p + E + N	IP44	1
17766	32A	240V	2 p + E	IP44	1
17770	32A	415V	3 p + E	IP44	1
17771	32A	415V	3 p + E + N	IP44	1
17778	63A	240V	2 p + E	IP55	1
17782	63A	415V	3 p + E	IP55	1
17783	63A	415V	3 p + E + N	IP55	1
18751	16A	110V	2 p + E	IP66	1
18754	16A	240V	2 p + E	IP66	1
18758	16A	415V	3 p + E	IP66	1
18759	16A	415V	3 p + E + N	IP66	1
18766	32A	240V	2 p + E	IP66	1
18770	32A	415V	3 p + E	IP66	1
18771	32A	415V	3 p + E + N	IP66	1
18778	63A	240V	2 p + E	IP66	1
18782	63A	415V	3 p + E	IP66	1
18783	63A	415V	3 p + E + N	IP66	1



Standard of Compliance
BS EN 60309-1&2

Size
• 180mm H x 90mm W

Certified

IP44 & IP66 Compact Wall Mounted Interlocking Switched Sockets

List No.	Amps	Volts	Pin Config	IP	Pack Qty
16101	16A	110V	2 p + E	IP44	1
16151	16A	110V	2 p + E	IP66	1
16104	16A	240V	2 p + E	IP44	1
16154	16A	240V	2 p + E	IP66	1
16108	16A	415V	3 p + E	IP44	1
16158	16A	415V	3 p + E	IP66	1
16109	16A	415V	3 p + E + N	IP44	1
16159	16A	415V	3 p + E + N	IP66	1
16113	32A	110V	2 p + E	IP44	1
16163	32A	110V	2 p + E	IP66	1
16116	32A	240V	2 p + E	IP44	1
16166	32A	240V	2 p + E	IP66	1
16120	32A	415V	3 p + E	IP44	1
16170	32A	415V	3 p + E	IP66	1
16121	32A	415V	3 p + E + N	IP44	1
16171	32A	415V	3 p + E + N	IP66	1

Standard of Compliance
BS EN 60309-1&2

Certified

IP44 & IP67 Appliance Inlet

List No.	Amps	Volts	Pin Config	IP	Pack Qty
21501	16A	110V	2 p + E	IP44	1
21504	16A	240V	2 p + E	IP44	1
21508	16A	415V	3 p + E	IP44	1
21509	16A	415V	3 p + E + N	IP44	1
21516	32A	240V	2 p + E	IP44	1
21521	32A	415V	3 p + E + N	IP44	1
17578	63A	240V	2 p + E	IP67	1
17582	63A	415V	3 p + E	IP67	1
17583	63A	415V	3 p + E + N	IP67	1

Moulded



Standard of Compliance
EN 50102, IEC 695-2-1, IEC 670,
CEI23-48,

Specifications
• High performing material
• IP44
• Self-extinguishing to V1 UL94
• Glow-wire tested 650°C
• Mechanical resistance IK08
• RAL - 7035

IP44 Snap-On Cover

List No.	Size (LxWxD)	Fairleads	Pack Qty
93060	60Ø x 35mm	4 x 16mm	1
93070	70Ø x 37mm	4 x 20mm	1
93080	80 x 80 x 37mm	5 x 20, 2 x 16mm	1
93081	80 x 80 x 37mm	Plain sides	1



Standard of Compliance
EN 50102, IEC 695-2-1, IEC 670,
CEI23-48

Specifications
• High performing material
• IP55
• Self-extinguishing to V1 UL94
• Glow-wire tested 650°C
• Mechanical resistance IK08
• RAL - 7035

IP55 Screw-On Cover

List No.	Size (LxWxD)	Fairleads	Pack Qty
93086	120 x 80 x 60mm	6 x 25mm	1



Standard of Compliance
EN 50102, IEC 695-2-1, IEC 670,
CEI23-48

Specifications
• High performing material
• IP55
• Self-extinguishing to V1 UL94
• Glow-wire tested 960°C
• Mechanical resistance IK08
• Material stability -25°C to 90°C
• RAL - 7035

IP55 Screw-On Low Cover - 15mm

List No.	Size (LxWxD)	Fairleads	Pack Qty
93210	110 x 75 x 65mm	Plain sides	1
93810	110 x 75 x 65mm	6 x M20	1
93220	110 x 110 x 65mm	Plain sides	1
93820	110 x 110 x 65mm	8 x M20	1
93234	150 x 110 x 75mm	Plain sides	1
93834	150 x 110 x 75mm	8 x M20	1
93264	150 x 150 x 75mm	Plain sides	1
93244	220 x 150 x 75mm	Plain sides	1



Standard of Compliance
EN 50102, IEC 695-2-1, IEC 670,
CEI23-48,

Specifications
• High performing material
• IP55
• Self-extinguishing to V1 UL94
• Glow-wire tested 960°C
• Mechanical resistance IK08
• Material stability -25°C to 90°C
• RAL - 7035

IP55 Screw-On Medium Cover - 40mm

List No.	Size (LxWxD)	Fairleads	Pack Qty
93230	150 x 110 x 100mm	Plain sides	1
93260	150 x 150 x 100mm	Plain sides	1
93240	220 x 150 x 100mm	Plain sides	1
93250	300 x 220 x 100mm	Plain sides	1



Standard of Compliance
EN 50102, IEC 695-2-1, IEC 670,
CEI23-48,

Specifications
• High performing material
• IP55
• Self-extinguishing to V1 UL94
• Glow-wire tested 960°C
• Mechanical resistance IK08
• Material stability -25°C to 90°C
• RAL - 7035

IP55 Screw-On High Cover - 60 & 90mm

List No.	Size (LxWxD)	Fairleads	Pack Qty
93221	110 x 110 x 112mm	Plain sides	1
93231	150 x 110 x 150mm	Plain sides	1
93261	150 x 150 x 150mm	Plain sides	1
93241	220 x 150 x 150mm	Plain sides	1
93251	300 x 220 x 150mm	Plain sides	1

DIN Rails



DIN Rail Top Hat

List No.	Size	Pack Qty
93339	158 x 35mm	1
93333	196 x 35mm	1
93334	276 x 35mm	1

Economy Moulded



Standard of Compliance
EN 50102, IEC 695-2-1.

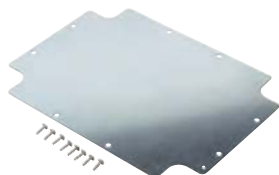
Specifications

- High performing material
- IP56
- Self-extinguishing to V1 UL94
- Glow-wire tested 960°C
- Mechanical resistance IK08
- Material stability -25°C to 90°C
- RAL - 7035

IP56 Screw-On Low Cover Plain Sided

List No.	Size (LxWxD)	Pack Qty
E94204	100 x 100 x 60mm	1
E93205	120 x 80 x 60mm	1
E95206	150 x 110 x 70mm	1
E96207	190 x 140 x 70mm	1
E97208	240 x 190 x 90mm	1
E98209	300 x 220 x 120mm	1
E99210	380 x 300 x 120mm	1

Back Plates



Back Plates - To suit economy boxes

List No.	Description	Pack Qty
615	For use with E96207	1
616	For use with E97208	1
618	For use with E99210	1

Adaptors



Adaptors - Plastic

List No.	Size	Pack Qty
ADPG21M20G	PG21 - M20	1

Membrane Moulded

LN

NEW
PRODUCT


Specifications

- Offers IP66 protection
- Integrated gasket seal
- Easy installation using supplied mounting bracket
- x8 membrane or threaded cable entries
- *x6 membrane or threaded cable entries

Certified
LN

IP66 Membrane Moulded

List No.	Size (HxWxD)	Pack Qty
NG86-50R	86 x 86 x 50mm	5
NG86-50W	86 x 86 x 50mm	5
NG86-50B	86 x 86 x 50mm	5
NG86-50G	86 x 86 x 50mm	5
NG96-60W*	96 x 96 x 60mm	5
NG96-60B*	96 x 96 x 60mm	5
NG96-60G*	96 x 96 x 60mm	5

5 Way 15A Connector - Base Attachment

List No.	Pack Qty
NG896-5W	Comes with 5 way connector

Gel



Specifications

- Offers IP68 protection
- Re-enterable & reusable
- No Shelf life limitation
- Removable
- Dielectric strength > 22Kv
- Installations up to 1Kv & 140°C
- Non-toxic

Note

- Connection box, wires & glands not included

IP68 Insulating & Sealing Gel

List No.	Description	Pack Qty
BG170	170ml mix-sachet	1
BG250	250ml mix-sachet	1
BG400	400ml mix-sachet	1

See page **88** for compatible
Nylon Compression Glands



Distribution Boxes

Weatherproof Distribution Boxes



Standard of Compliance
EN 60439-1, 50102, IEC695-2-1.

Specifications

- High performing material
- IP65
- Self-extinguishing
- Glow-wire tested 850°C
- Mechanical resistance IK08
- Material stability -25°C to 90°C
- RAL - 7035

IP65 Moulded Distribution Boxes (without terminals)

List No.	Max. No. Modules	Size (HxWxD)	Pack Qty
35105	2/3	134 x 75 x 89mm	1
35106	4	180 x 90 x 118mm	1
35111	4	200 x 110 x 119mm	1
35121	8	200 x 180 x 119mm	1
35131	12	240 x 248 x 125mm	1



Standard of Compliance
EN 60439-1, IEC 670-1:94

Specifications

- High performing material
- IP55
- Mechanical resistance IK09
- Material stability -15°C to 60°C

IP55 Moulded Distribution Boxes

List No.	Max. No. Modules	Size (HxWxD)	Pack Qty
E1255	3	175 x 83 x 111mm	1
E1455	5	175 x 125 x 111mm	1

Modular Enclosures



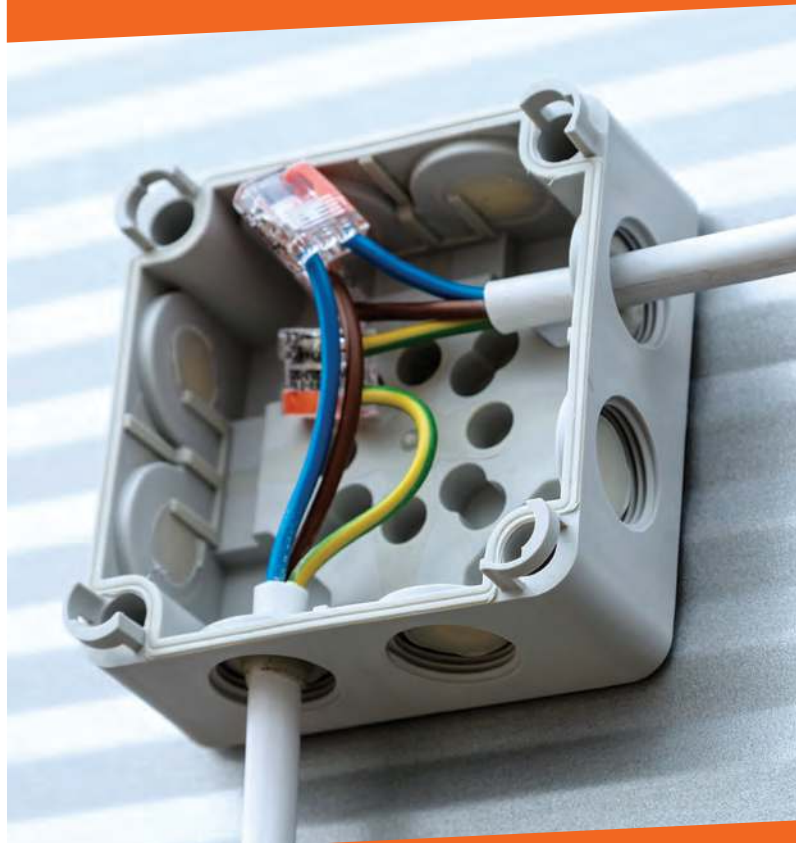
Specification
• IP20

IP20 Insulated Enclosure

List No.	Max. No. Modules	Size (HxWxD)	Pack Qty
E1220	1/2	130 x 52 x 62mm	1

IP66 Weatherproof Range

MEMBRANE MOULDED BOXES



Cable Entry Option 1
x8 Self sealing membranes



Cable Entry Option 2
x8 M20 1.5mm gland thread



IP66 Protection
Due to the double moulding plastic injection technology



Quick Fixings
A simple 1/4 turn to each of the 4 lid fixings



Integrated Gasket
For a perfect seal every time



Easy Installation
With supplied mounting bracket

www.niglon.co.uk

t 0121 711 1990 f 0121 711 1344 e sales@niglon.co.uk

Cable Management



Conduit Fittings

Malleable Conduit Boxes
Malleable Fittings
Steel Conduit Fittings
Brass Conduit Fittings

Boxes

Adaptable Boxes

Flexible Conduit

Flexible Conduit Systems:
- Metallic
- Non-Metallic
- Nylon
- Contractor Packs

Brackets

Channel Support Bracketry

Gland Packs

Cable Gland Packs
Cable Glands & Accessories

Cable Glands

Mineral Cable Glands
& Accessories

Thread Converters

Thread Converters &
Flameproof Stoppers

Cable Jointing & Crimps

In-line Cable Joints
LV Resin Cable Joints
Crimp Lugs

Crimps

Crimp Terminals

Heat Shrink Sleeving

Labels

Warning Labels & Notices



Malleable Conduit Boxes

Standard of Compliance
BS EN 61386-1 2008



List No.	Description	Shape	Size	Finish	Pack Qty
CB120B	1 Way, Terminal		20mm	Black	10
CB120G	1 Way, Terminal		20mm	Galv.	10
CB125G	1 Way, Terminal		25mm	Galv.	10
CB220B	2 Way, Through		20mm	Black	10
CB220G	2 Way, Through		20mm	Galv.	10
CB225G	2 Way, Through		25mm	Galv.	10
CB320B	3 Way, Tee		20mm	Black	10
CB320G	3 Way, Tee		20mm	Galv.	10
CB325G	3 Way, Tee		25mm	Galv.	10
CB420G	4 Way, Intersection		20mm	Galv.	10
CB425G	4 Way, Intersection		25mm	Galv.	10
CBA20B	2 Way, Angle		20mm	Black	10
CBA20G	2 Way, Angle		20mm	Galv.	10
CBA25G	2 Way, Angle		25mm	Galv.	10

Standard of Compliance
BS EN 61386-1 2008



List No.	Description	Shape	Size	Finish	Pack Qty
CBU220B	2 Way 'U' Branch		20mm	Black	10
CBU220G	2 Way 'U' Branch		20mm	Galv.	10
CBU225G	2 Way 'U' Branch		25mm	Galv.	10
CBTA20G	2 Way Tangent, Angle		20mm	Galv.	10
CBT320G	3 Way Tangent, Tee		20mm	Galv.	10
CBY320B	3 Way 'Y' Branch		20mm	Black	10
CBY320G	3 Way 'Y' Branch		20mm	Galv.	10
CBY325G	3 Way 'Y' Branch		25mm	Galv.	10
CBH20G	4 Way 'H' Through		20mm	Galv.	10
CBH25G	4 Way 'H' Through		25mm	Galv.	10
CBO20G	Back Outlet		20mm	Galv.	10
CBO25G	Back Outlet		25mm	Galv.	10
CBO120G	1 Way Back Outlet, Terminal		20mm	Galv.	10
CBO220G	2 Way Back Outlet, Through		20mm	Galv.	10
CBOA20G	2 Way Back Outlet, Angle		20mm	Galv.	10
CBE120G	1 Way Extension, Terminal		20mm	Galv.	10
CBE220G	2 Way Extension, Through		20mm	Galv.	10
CBE320G	2 Way Extension, Tee		20mm	Galv.	10
CBEA220G	2 Way Extension, Angle		20mm	Galv.	10



Malleable Fittings



Standard of Compliance
BS EN 61386-1 2008

Inspection Bends

List No.	Size	Finish	Pack Qty
25 Pack			
IB20G	20mm	Galv.	25
10 Pack			
IB25G	25mm	Galv.	10



Standard of Compliance
BS EN 61386-1 2008

Inspection Elbows

List No.	Size	Finish	Pack Qty
IE20G	20mm	Galv.	25
IE25G	25mm	Galv.	25



Standard of Compliance
BS EN 61386-1 2008

Solid Elbows

List No.	Size	Finish	Pack Qty
SE20G	20mm	Galv.	25
SE25G	25mm	Galv.	25



Standard of Compliance
BS EN 61386-1 2008

Inspection Tees

List No.	Size	Finish	Pack Qty
25 Pack			
IT20G	20mm	Galv.	25
20 Pack			
IT25G	25mm	Galv.	20

Steel Conduit Fittings



Standard of Compliance
BS 4568 & BS31

Ball & Socket Covers

List No.	Finish	Pack Qty
BSC20G	Galv.	20



Standard of Compliance
BS 4568 & BS31

Dome Covers

List No.	Finish	Pack Qty
DC20G	BZP	25
DC25G	BZP	25



SMH20G



HP10G

Standard of Compliance
BS 4568 & BS31

Screwed Male Hooks & Hook Plates

List No.	Finish	Pack Qty
SMH20G	Diecast	25
HP10G	BZP	25



JCG10



326HG

Jack & Straight Welded Chain

List No.	Description	Max. Load	Pack Qty
JCG10	3mm bright Galv. jack chain	7kg	1 x 10m
JCG8	4mm bright Galv. jack chain	15kg	1 x 10m
326HG	3 x 25mm dip Galv. straight welded chain	45kg	1 x 10m



Steel Conduit Fittings



Standard of Compliance
BS 4568 & BS31

Specifications
• Hollow back
• 20-25mm

Spacer Bar Saddles



List No.	Size	Finish	Pack Qty
100 Pack			
SB20B	20mm	Black	100
SB20G	20mm	BZP	100
SBS20W	20mm	White	100
SB25G	25mm	BZP	100
SBS25W	25mm	White	100
50 Pack			
SB32G	32mm	BZP	50



Standard of Compliance
BS 4568 & BS31

Light Gauge Saddles

List No.	Size	Finish	Pack Qty
100 Pack			
LGS20G	20mm	BZP	100
LGS25G	25mm	BZP	100
LGS32G	32mm	BZP	100
50 Pack			
LGS5G	1 1/2"	BZP	50
25 Pack			
LGS6G	2"	BZP	25



Standard of Compliance
BS 4568 & BS31

Specifications
• Malleable

Distance Saddles

List No.	Size	Finish	Pack Qty
50 Pack			
OB20G	20mm	BZP/Galv	50
OB25G	25mm	BZP/Galv	50
25 Pack			
OB32G	32mm	BZP/Galv	25



Hospital Saddles

List No.	Size	Finish	Pack Qty
50 Pack			
HS20G	20mm	BZP	50
20 Pack			
HS25G	25mm	BZP	20



Standard of Compliance
BS 4568 & BS31

Specifications
• BZP finish

Milled Edge Lockrings

List No.	Size	Finish	Pack Qty
100 Pack			
LRS16G	16mm	BZP	100
LRS20G	20mm	BZP	100
LRS25G	25mm	BZP	100
LRS32G	32mm	BZP	100
50 Pack			
LRS5G	1 1/2"	BZP	50
LRS6G	2"	BZP	50



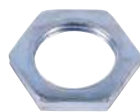
Standard of Compliance
BS 4568 & BS31

Solid Couplers

List No.	Size	Finish	Pack Qty
100 Pack			
SC20B	20mm	Black	100
SC20G	20mm	Galv.	100
50 Pack			
SC25G	25mm	Galv.	50
SC32G	32mm	Galv.	50
25 Pack			
SC5G	1 1/2"	Galv.	25
10 Pack			
SC6G	2"	Galv.	10



Steel Conduit Fittings



SLN20HGG

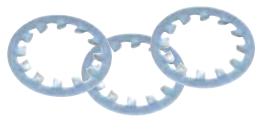


SLN20G

Standard of Compliance
BS 4568 & BS31

Locknuts - Light & Heavy Gauge

List No.	Description	Size	Finish	Pack Qty
100 Pack				
SLN16G	Light	16mm	BZP	100
SLN20B	Light	20mm	Black	100
SLN20G	Light	20mm	BZP	100
SLN25G	Light	25mm	BZP	100
SLN32G	Light	32mm	BZP	100
SLN20HGG	Heavy	20mm	BZP	100
50 Pack				
SLN5G	Light	1 1/2"	BZP	50
25 Pack				
SLN6G	Light	2"	BZP	25



Standard of Compliance
BS 4568 & BS31

Washers

List No.	Size	Type	Pack Qty
200 Pack			
SW20	M20	Serrated internal BZP	200
100 Pack			
SW25	M25	Serrated internal BZP	100



Standard of Compliance
BS 4568 & BS31

Specifications
• BZP finish

Screwed Nipples

List No.	Size	Finish	Pack Qty
100 Pack			
SN20G	20mm	BZP	100
50 Pack			
SN25G	25mm	BZP	50
25 Pack			
SN32G	32mm	BZP	25
SN5G	1 1/2"	BZP	25
10 Pack			
SN6G	2"	BZP	10



Standard of Compliance
BS 4568 & BS31

Reducers

List No.	Size	Finish	Pack Qty
100 Pack			
RE2520G	25-20mm	BZP	100
50 Pack			
RE2016G	20-16mm	BZP	50
25 Pack			
RE3220G	32-20mm	BZP	25
RE3225G	32-25mm	BZP	25



Standard of Compliance
BS 4568 & BS31

Specifications
• Complete with BESA bush
and lead washer

Flange Couplers

List No.	Size	Finish	Pack Qty
FCS20G	20mm	BZP	50
FCS25G	25mm	BZP	50



Standard of Compliance
BS 4568 & BS31

Earth Couplers

List No.	Size	Finish	Pack Qty
100 Pack			
EC20G	20mm	BZP	100
50 Pack			
EC25G	25mm	BZP	50



Standard of Compliance
BS 4568 & BS31

Adaptors

List No.	Size	Finish	Pack Qty
AD2G	3/4" female x 20mm male	BZP	10
AD3G	20mm female x 3/4" male	BZP	10



Steel Conduit Fittings



Standard of Compliance
BS 4568 & BS31

Hexagon Stopping Plugs

List No.	Finish	Pack Qty
100 Pack		
HSP20G	BZP	100
HSP25G	BZP	100
25 Pack		
HSP32G	BZP	25



Standard of Compliance
BS 4568 & BS31

Extension Rings

List No.	Size	Finish	Pack Qty
50 Pack			
ER13G	13mm	BZP	50
25 Pack			
ER20G	20mm	BZP	25
ER25G	25mm	BZP	25
ER40G	40mm	BZP	25
20 Pack			
ER32G	32mm	BZP	20
10 Pack			
ER50G	50mm	BZP	10



Standard of Compliance
BS 4568 & BS31

Loopin Boxes

List No.	Description	Finish	Pack Qty
LB201G	Loopin 1 hole box	BZP	25
LB202G	Loopin 2 hole box	BZP	25
LB203G	Loopin 3 hole box	BZP	25
LB204G	Loopin 4 hole box	BZP	25



Standard of Compliance
BS 4568 & BS31

Steel Lids

List No.	Finish	Gauge	Pack Qty
100 Pack			
SL10B	Black	Light	100
SL10G	BZP	Light	100
50 Pack			
SLHGG	Galv.	Heavy	50



Standard of Compliance
BS 4568 & BS31

Rubber Conduit Box Gasket

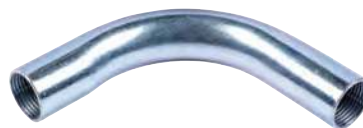
List No.	Description	Finish	Pack Qty
RG6	Conduit Box Gasket	Rubber	100



Standard of Compliance
BS 4568 & BS31

Crampets - Flat & Twisted

List No.	Size	Finish	Pack Qty
CCR20G	20mm Flat	BZP	100
CR25G	25mm Flat	BZP	100
CRT20G	20mm Twisted	BZP	100
CRT25G	25mm Twisted	BZP	100



Standard of Compliance
BS 4568 & BS31

Normal Bends

List No.	Size	Finish	Pack Qty
NB20G	20mm	BZP	10
NB25G	25mm	BZP	10



Brass Conduit Fittings

Standard of Compliance
BS 4568 & BS31

Male Bushes - Long Pattern/B.E.S.A Pattern

List No.	Size	Pack Qty
100 Pack		
ML20	20mm	100
ML25	25mm	100
50 Pack		
ML32	32mm	50
20 Pack		
MBB5	1 1/2"	20
10 Pack		
MBB6	2"	10

Standard of Compliance
BS 4568 & BS31

T.R.S Stuffing Glands

List No.	Size	Pack Qty
100 Pack		
TRS16	16mm	100
TRS20	20mm	100
50 Pack		
TRS25	25mm	50
10 Pack		
TRS32	32mm	10

Standard of Compliance
BS 4568 & BS31

Female Bushes

List No.	Size	Pack Qty
100 Pack		
FB20	20mm	100
FB25	25mm	100
FB32	32mm	100
FLP5	1 1/2"	100
50 Pack		
FLP6	2"	50

Standard of Compliance
BS 4568 & BS31

Male Bushes - Short Pattern/Light Pattern

List No.	Size	Pack Qty
100 Pack		
MS20	20mm	100
MS25	25mm	100
50 Pack		
MS32	32mm	50
20 Pack		
MPL5	1 1/2"	20
10 Pack		
MPL6	2"	10

Standard of Compliance
BS 4568 & BS31

Slotted Plugs

List No.	Size	Pack Qty
BPS20	20mm	100
BPS25	25mm	100

Armoured Glands & Nipples



ND427



BN20

Standard of Compliance
BS 4568 & BS31Armoured Cable Glands
& Bonding Nipples - Die Cast

List No.	Description	Thread Size	Cable Size	Pack Qty
ND427	Armoured cable gland	20mm	10-12mm	100
ND428	Armoured cable gland	25mm	12-20mm	50
BN20	Bonding nipple	20mm	20mm	100

Rubber Adaptable Box Gaskets

List No.	Description	Finish	Pack Qty
RG33	3 x 3 gasket	Rubber	1
RG44	4 x 4 gasket	Rubber	1
RG66	6 x 6 gasket	Rubber	1



Adaptable Boxes



Standard of Compliance
BS 4568

Specifications

- Supplied with knockouts
- P - Plain sided
(only available in pre-galv)

Steel

List No.	Finish	Size (LxWxD)	Knockouts	Pack Qty
ABB331	Black	75 x 75 x 37.5mm	Yes	1
ABB332	Black	75 x 75 x 50mm	Yes	1
ABB333	Black	75 x 75 x 75mm	Yes	1
ABB441	Black	100 x 100 x 37.5mm	Yes	1
ABB442	Black	100 x 100 x 50mm	Yes	1
ABB443	Black	100 x 100 x 75mm	Yes	1
ABB632	Black	150 x 75 x 50mm	Yes	1
ABB642	Black	150 x 100 x 50mm	Yes	1
ABB643	Black	150 x 100 x 75mm	Yes	1
ABB662	Black	150 x 150 x 50mm	Yes	1
ABB663	Black	150 x 150 x 75mm	Yes	1
ABB664	Black	150 x 150 x 100mm	Yes	1
ABB963	Black	225 x 150 x 75mm	Yes	1
ABB964	Black	225 x 150 x 100mm	Yes	1
ABB993	Black	225 x 225 x 75mm	Yes	1
ABB994	Black	225 x 225 x 100mm	Yes	1
ABB996	Black	225 x 225 x 150mm	Yes	1
ABBI2124	Black	300 x 300 x 100mm	Yes	1
ABBI2126	Black	300 x 300 x 150mm	Yes	1
ABG222	Galv.	50 x 50 x 50mm	Yes	1
ABG331	Galv.	75 x 75 x 37.5mm	Yes	1
ABG331P	Galv.	75 x 75 x 37.5mm	No	1
ABG332	Galv.	75 x 75 x 50mm	Yes	1
ABG332P	Galv.	75 x 75 x 50mm	No	1
ABG333	Galv.	75 x 75 x 75mm	Yes	1
ABG333P	Galv.	75 x 75 x 75mm	No	1
ABG432	Galv.	100 x 75 x 50mm	Yes	1
ABG441	Galv.	100 x 100 x 37.5mm	Yes	1
ABG441P	Galv.	100 x 100 x 37.5mm	No	1
ABG442	Galv.	100 x 100 x 50mm	Yes	1
ABG442P	Galv.	100 x 100 x 50mm	No	1
ABG443	Galv.	100 x 100 x 75mm	Yes	1
ABG443P	Galv.	100 x 100 x 75mm	No	1
ABG444	Galv.	100 x 100 x 100mm	Yes	1
ABG444P	Galv.	100 x 100 x 100mm	No	1
ABG632	Galv.	150 x 75 x 50mm	Yes	1
ABG632P	Galv.	150 x 75 x 50mm	No	1

List No.	Finish	Size (LxWxD)	Knockouts	Pack Qty
ABG642	Galv.	150 x 100 x 50mm	Yes	1
ABG642P	Galv.	150 x 100 x 50mm	No	1
ABG643	Galv.	150 x 100 x 75mm	Yes	1
ABG643P	Galv.	150 x 100 x 75mm	No	1
ABG644	Galv.	150 x 100 x 100mm	Yes	1
ABG644P	Galv.	150 x 100 x 100mm	No	1
ABG661	Galv.	150 x 150 x 37.5mm	Yes	1
ABG662	Galv.	150 x 150 x 50mm	Yes	1
ABG662P	Galv.	150 x 150 x 50mm	No	1
ABG663	Galv.	150 x 150 x 75mm	Yes	1
ABG663P	Galv.	150 x 150 x 75mm	No	1
ABG664	Galv.	150 x 150 x 100mm	Yes	1
ABG664P	Galv.	150 x 150 x 100mm	No	1
ABG666	Galv.	150 x 150 x 150mm	Yes	1
ABG666P	Galv.	150 x 150 x 150mm	No	1
ABG962	Galv.	225 x 150 x 50mm	Yes	1
ABG962P	Galv.	225 x 150 x 50mm	No	1
ABG963	Galv.	225 x 150 x 75mm	Yes	1
ABG963P	Galv.	225 x 150 x 75mm	No	1
ABG964	Galv.	225 x 150 x 100mm	Yes	1
ABG964P	Galv.	225 x 150 x 100mm	No	1
ABG992	Galv.	225 x 225 x 50mm	Yes	1
ABG992P	Galv.	225 x 225 x 50mm	No	1
ABG993	Galv.	225 x 225 x 75mm	Yes	1
ABG993P	Galv.	225 x 225 x 75mm	No	1
ABG994	Galv.	225 x 225 x 100mm	Yes	1
ABG994P	Galv.	225 x 225 x 100mm	No	1
ABG996	Galv.	225 x 225 x 150mm	Yes	1
ABG1263	Galv.	300 x 150 x 75mm	Yes	1
ABG1263P	Galv.	300 x 150 x 75mm	No	1
ABG1264	Galv.	300 x 150 x 100mm	Yes	1
ABG1264P	Galv.	300 x 150 x 100mm	No	1
ABG1293	Galv.	300 x 225 x 75mm	Yes	1
ABG1293P	Galv.	300 x 225 x 75mm	No	1
ABG1294	Galv.	300 x 225 x 100mm	Yes	1
ABG1294P	Galv.	300 x 225 x 100mm	No	1
ABG1296	Galv.	300 x 225 x 150mm	Yes	1
ABG12122	Galv.	300 x 300 x 50mm	Yes	1
ABG12122P	Galv.	300 x 300 x 50mm	No	1
ABG12123	Galv.	300 x 300 x 75mm	Yes	1
ABG12123P	Galv.	300 x 300 x 75mm	No	1
ABG12124	Galv.	300 x 300 x 100mm	Yes	1
ABG12124P	Galv.	300 x 300 x 100mm	No	1
ABG12126	Galv.	300 x 300 x 150mm	Yes	1
ABG12126P	Galv.	300 x 300 x 150mm	No	1



Flexible Conduit Systems - Metallic



Standard of Compliance
BS EN 61386-1:2008

- Specifications**
- -30°C to +300°C
 - Non-flammable
 - Compression class 4 (1250N)
 - Impact class 4 (6 Joules)
 - Highly flexible
 - High mechanical strength

Galvanised Steel - Self Coloured

List No.	Size Nominal	Length	Pack Qty
SPRG1650	16mm	50m	1
SPRG2010	20mm	10m	1
SPRG2050	20mm	50m	1
SPRG2510	25mm	10m	1
SPRG2550	25mm	50m	1



Standard of Compliance
BS EN 61386-1:2008

- Specifications**
- -15°C to +70°C
 - Self Extinguishing
 - Compression class 4 (1250N)
 - Impact class 4 (6 Joules)
 - Highly flexible
 - High mechanical strength

Liquid Resistant PVC Covered Steel - Black

List No.	Size Nominal	Length	Pack Qty
SPRP1250B	12mm	50m	1
SPRP1610B	16mm	10m	1
SPRP1650B	16mm	50m	1
SPRP2010B	20mm	10m	1
SPRP2050B	20mm	50m	1
SPRP2510B	25mm	10m	1
SPRP2550B	25mm	50m	1
SPRP3210B	32mm	10m	1
SPRP3230B	32mm	30m	1
SPRP4010B	40mm	10m	1
SPRP4030B	40mm	30m	1
SPRP5010B	50mm	10m	1
SPRP5030B	50mm	30m	1



Standard of Compliance
BS EN 61386-1:2008

- Specifications**
- -20°C to +80°C
 - Low Smoke - Zero Halogen
 - Compression class 4 (250N)
 - Impact class 4 (6 Joules)
 - Highly flexible
 - High mechanical strength
 - Flame Retardant - Self Extinguishing

Liquid Resistant Polyolefin Covered Steel

List No.	Size Nominal	Length	Pack Qty
LFH2030B	20mm	30m	1



- Specifications**
- IP54 when used with PVC or Polyolefin coated conduits

Male Fixed Straight Connector - Brass

List No.	Size Nominal	Pack Qty
MFG1216	12mm x M16	10
MFG1616	16mm x M16	10
MFG1620	16mm x M20	10
MFG2020	20mm x M20	10
MFG2525	25mm x M25	10
MFG3232	32mm x M32	1
MFG4040	40mm x M40	1
MFG5050	50mm x M50	1



- Specifications**
- IP54 when used with PVC or Polyolefin coated conduits

Male Swivel Straight Connector - Brass

List No.	Size Nominal	Pack Qty
MSG1216	12mm x M16	10
MSG1616	16mm x M16	10
MSG1620	16mm x M20	10
MSG2020	20mm x M20	10
MSG2525	25mm x M25	10
MSG3232	32mm x M32	1
MSG4040	40mm x M40	1
MSG5050	50mm x M50	1



Flexible Conduit Systems - Non-Metallic



Standard of Compliance
BS EN 61386-1:2008

- Specifications**
- -5°C to +90°C
 - Self-extinguishing
 - Compression class 2 (320N)
 - Impact class 2 (1 Joule)
 - Pliable
 - For static applications

Certified



Polypropylene Pliable

List No.	Size Nominal	Length	Pack Qty
PP16B	16mm	100m	1
PP20B	20mm	100m	1
PP20W	20mm	100m	1
PP25W	25mm	50m	1
PP25B	25mm	50m	1
PP32B	32mm	50m	1
PP40B	40mm	25m	1
PP50B	50mm	25m	1



- Specification**
- IP40
 - Locknuts included
 - Black or white

Male Fixed 1 pt. Straight Connector

List No.	Size Nominal	IP Rating	Pack Qty
KCPG20W	20mm x M20	IP40	10
KCPG25W	25mm x M25	IP40	10
KCPG20B	20mm x M20	IP40	10
KCPG25B	25mm x M25	IP40	10



- Specification**
- IP44, IP40
 - Locknuts included

Male Fixed 3 pt. Straight Connector - Black

List No.	Size Nominal	Pack Qty
CPG16B	16mm x M16	10
CPG20B	20mm x M20	10
CPG25B	25mm x M25	10
CPG32B	32mm x M32	10
CPG40B	40mm x M40	1



Standard of Compliance
BS EN 61386-1:2008

- Specifications**
- +5°C to +60°C
 - Self-extinguishing
 - Compression class 2 (320N)
 - Impact class 3 (2 Joules)
 - Highly flexible for tight bends, twisting & torsional forces

Liquid Tight PVC Spiral Flexible - Black

List No.	Size Nominal	Length	Pack Qty
SPVC16B	16mm x M16	30m	1
SPVC20B	20mm x M20	30m	1
SPVC25B	25mm x M25	30m	1
SPVC32B	32mm x M32	30m	1



- Specification**
- IP64
 - Locknuts included

Male Rotational Straight Connector - Black

List No.	Size Nominal	Pack Qty
USG16B	16mm x M16	10
USG20B	20mm x M20	10
USG25B	25mm x M25	10
USG32B	32mm x M32	10



Flexible Conduit Systems - Nylon



Standard of Compliance
BS 61386-1:2008-22:2004

Specifications

- -25°C to +120°C
- Flame-retardant HB UL94
- Compression class 2 (320N)
- Impact class 2 (1 Joule)
- Highly flexible
- Resistant to oil, benzene, acids & solvents

Nylon PA 6 Flexible - Black

List No.	Size Nominal	Length	Pack Qty
RO13SB	13mm	50m	1
RO16SB	16mm	50m	1
RO21SB	21mm	50m	1
RO28SB	28mm	50m	1
RO34SB	34mm	25m	1
RO42SB	42mm	25m	1
RO54SB	54mm	25m	1



Specification
• Black only

Male Straight Connector

List No.	Size Nominal	Pack Qty
FQS13M16B	13mm x M16	10
FQS16M16B	16mm x M16	10
FQS16M20B	16mm x M20	10
FQS21M20B	21mm x M20	10
FQS28M25B	28mm x M25	10
FQS34M32B	34mm x M32	10
FQS42M40B	42mm x M40	1
FQS54M50B	54 mm x M50	1



Specification
• Black only

Male 90° Elbow

List No.	Size Nominal	Pack Qty
FQE13M16B	13mm x M16	10
FQE16M16B	16mm x M16	10
FQE16M20B	16mm x M20	10
FQE21M20B	21mm x M20	10
FQE28M25B	28mm x M25	10
FQE34M32B	34mm x M32	10
FQE42M40B	42mm M40	1
FQE54M50B	54mm x M50	1

Contractor Packs



Pack Contents

- 10m conduit
- x10 connectors

Specifications

- Medium duty
- Highly flexible
- Self-extinguishing

PVC Spiral - Black

List No.	Ingress Rating	Size Nominal	Pack Qty
CPACK20	IP64	20mm x M20	1
CPACK25	IP64	25mm x M25	1

Pack Contents
• 10m conduit
• x10 connectors

Specifications
• IP40 or IP44

PVC - Black

List No.	Ingress Rating	Size Nominal	Pack Qty
CPVC20B2	IP40	20mm x M20	1
CPVC25B2	IP40	25mm x M25	1
CPVC20B3	IP44	20mm x M20	1
CPVC25B3	IP44	25mm x M25	1

Pack Contents
• 10m conduit
• x10 connectors

Specifications
• IP40 or IP44

PVC - White

List No.	Ingress Rating	Size Nominal	Pack Qty
CPVC20W2	IP40	20mm x M20	1
CPVC25W2	IP40	25mm x M25	1

Pack Contents
• 10m conduit
• x10 connectors

Specifications
• Medium duty
• Pliable
• Self-extinguishing
• Flame retardant V2 UL94

Polypropylene Black

List No.	Ingress Rating	Size Nominal	Pack Qty
CPP20B2	IP40	20mm x M20	1
CPP25B2	IP40	25mm x M25	1

Steel Liquid Resistant PVC Covered - Black

Pack Contents
• 10m conduit
• x10 swivel connectors

Specifications
• Heavy duty
• Highly flexible
• Self-extinguishing

List No.	Ingress Rating	Size Nominal	Pack Qty
CPSP20B	IP54	20mm x M20	1
CPSP25B	IP54	25mm x M25	1



Brackets



Standard of Compliance
BS 6946

6mm Thick - 90°

List No.	Size	Type	Fixing Holes	Pack Qty
CSA501	43 x 54mm	90	1 + 1	10
CSA502	43 x 100mm	90	2 + 1	10
CSA504	88 x 100mm	90	2 + 2	10
CSA505	54 x 130mm	90	3 + 1	10
CSA550	43 x 100mm	90	2 + 2	10



Standard of Compliance
BS 6946

6mm Thick - 'L'

List No.	Size	Type	Fixing Holes	Pack Qty
CSA600	80 x 80mm	'L'	3	10



Standard of Compliance
BS 6946

6mm Thick - 'T'

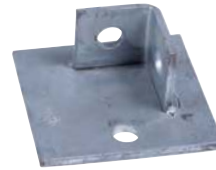
List No.	Size	Type	Fixing Holes	Pack Qty
CSA603	80 x 120mm	'T'	4	10



Standard of Compliance
BS 6946

6mm Thick - Channel Joint

List No.	Size	Type	Fixing Holes	Pack Qty
CSA650	23 x 175mm	Channel joint	4	10
CSA651	43 x 175mm	Channel joint	4	10
CSA702	214.5 x 153mm	Single channel gusset bracket	6	1
CSA706	225 x 250mm	Double channel gusset bracket	6	1



Standard of Compliance
BS 6946

6mm Thick - Base Plate

List No.	Size	Type	Fixing Holes	Pack Qty
CSA704	100 x 100mm	Base plate double	2	10



Standard of Compliance
BS 6946

6mm Thick - Shelf

List No.	Size	Type	Fixing Holes	Pack Qty
CSA703	88 x 100mm	Shelf	2 x 2	10



Standard of Compliance
BS 6946

6mm Thick - Cantilever Arm

List No.	Size	Type	Pack Qty
CSA760	150mm	Cantilever arm	1
CSA762	300mm	Cantilever arm	1
CSA763	450mm	Cantilever arm	1
CSA764	600mm	Cantilever arm	1



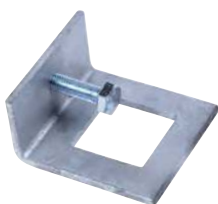
Clamps



Standard of Compliance
BS 6946

Beam

List No.	Size	Type	Pack Qty
CSA850	30 x 48mm	Beam	10
CSA851	40 x 47mm	Beam	10
CSA854	40 x 62mm	Beam	10
CSA853	41mm	Beam 'U' single channel	10
CSA855	82mm	Beam 'U' double channel	10
CSA100	90 x 38 x 25mm	Purin clip	10



Standard of Compliance
BS 6946

Single Channel

List No.	Size	Type	Pack Qty
CSA85241	42 x 41mm	Window single channel	10



Standard of Compliance
BS 6946

Toe

List No.	Size	Type	Pack Qty
CSA856	40 x 67mm	Toe	10

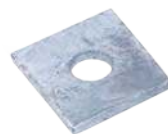


Standard of Compliance
BS 6946

Cone Points

List No.	Size	Type	Pack Qty
CSA104	10 x 40mm	Cone points	10

Plate Washers & Splices



Standard of Compliance
BS 6946

Square Plate Washers

List No.	Size	Pack Qty
CSA06506	M6 40 x 40mm	100
CSA08506	M8 40 x 40mm	100
CSA10506	M10 40 x 40mm	100
CSA12506	M12 40 x 40mm	100



Splices

List No.	Size	Pack Qty
CSA507	2 hole splice	10
CSA509	4 hole splice	10

Channel Nuts & End Caps



Standard of Compliance
BS 6946

Channel Nuts (Zebedee) & End Caps

List No.	Size	Type	Pack Qty
CN6	M6	Plain	100
CN8	M8	Plain	100
CN10	M10	Plain	100
CN6S	M6	Short spring	100
CN8S	M8	Short spring	100
CN10S	M10	Short spring	100
CN6L	M6	Long spring	100
CN8L	M8	Long spring	100
CN10L	M10	Long spring	100
CSA950W	41 x 41	White end cap	100
CSA950B	41 x 41	Black end cap	100

Cable Gland Packs x2 Glands, x2 PVC Shrouds, x2 Locknuts, x2 Earth Tags - up to 32mm



Standard of Compliance
BS 6121-1:2005

Specifications
• BW type- IP2X
• CW type- IP66



Standard of Compliance
BS 6121-1:2005

Specifications
• BW type- IP2X
• CW type- IP66

Armoured Cable Gland Packs - BW & CW

List No.	Size	Pack Qty
PACG20S/2	20mm Small	30
PACG20SCW	20mm Small	20
PACG20/2	20mm	25
PACG20CW	20mm	15
PACG25/2	25mm	1
PACG25CW	25mm	1
PACG32/2	32mm	1
PACG32CW	32mm	1
*PACG40/2	40mm	1
*PACG40CW	40mm	1
*PACG50/2	50mm	1
*PACG50CW	50mm	1
*PACG63/2	63mm	1
*PACG63CW	63mm	1
*PACG75/2	75mm	1
*PACG75CW	75mm	1

*40mm & upwards contain 1 of each item

Armoured Cable Gland Packs - LSF

List No.	Size	Pack Qty
LSF20SBW	20mm Small	1
LSF20SCW	20mm Small	1
LSF20BW	20mm	1
LSF20CW	20mm	1
LSF25BW	25mm	1
LSF25CW	25mm	1
LSF32BW	32mm	1
LSF32CW	32mm	1
*LSF40BW	40mm	1
*LSF40CW	40mm	1
*LSF50BW	50mm	1
*LSF50CW	50mm	1
*LSF63BW	63mm	1
*LSF63CW	63mm	1
*LSF75BW	75mm	1
*LSF75CW	75mm	1

*40mm & upwards contain 1 of each item



Standard of Compliance
BS 6121-1:2005

Specifications
• IP66 (when fitted with seal)



Standard of Compliance
CENELEC/ATEX
Category 2&3, Ex de11 GD, 11C
Zones 1,2,21&22 EExde 11C
DIP A21.

Specifications
• IP68 (when fitted with seal)

Armoured Cable Gland Packs - CXT

List No.	Size	Pack Qty
CXT20S/2	20mm Small	1
CXT20/2	20mm	1
CXT25/2	25mm	1

E1WF Flameproof Gland Packs - EExde 11C

List No.	Size	Pack Qty
PACG20S/FP	M20 Small	1
PACG20/FP	M20	1
PACG25/FP	M25	1

Cable Glands



Standard of Compliance
BS 6121-1:2005

Specifications

- IP66/67
- IP68 (when fitted with seal)

Armoured Cable Gland Packs - E1W

List No.	Size	Pack Qty
PACG20SE1W	20mm Small	1
PACG20E1W	20mm	1
PACG25E1W	25mm	1
PACG32E1W	32mm	1



Standard of Compliance
CENELEC/ATEX Category 2 & 3, ExeII
Zones 1, 2, 21 & 22 EExe IIIC DIP A21

Specifications

- IP68 (when used with seal)

Braided Cable Glands CKXT Type Posibraid

List No.	Size	Cable Range	Pack Qty
CG20SXT	20mm Small	8 - 12mm	1
CG20XT	20mm	11.5 - 15.5mm	1
CG25XT	25mm	15 - 20.5mm	1



Standard of Compliance
BS 6121-1:2005

Specifications

- IP66/67
- IP68 (when fitted with seal)

Compression Glands - A2

List No.	Size	Cable Range	Pack Qty
CG20SA2	20mm Small	8 - 11mm	1
CG20A2	20mm	11 - 13.5mm	1
CG25A2	25mm	13 - 19.5mm	1
CG32A2	32mm	19 - 25.5mm	1

Armoured Cable Junction Boxes



Standard of Compliance
IEC 600529 SABS 2333

Specifications

- UV resistant glass reinforced Polyester
- Earthing continuity ring provided
- IP66
- IP68 (When used with Correct IP68 Glands - **AJG type**)

4-Way Junction Box

List No.	Entry Size	Internal Dia.	Internal Height	Pack Qty
AJB20	M20	80mm	49mm	1
AJB25	M25	110mm	53mm	1



Lid Spanners

List No.	Description	Pack Qty
AJBS20	M20 Box lid Spanner	1
AJBS25	M25 Box lid Spanner	1



Standard of Compliance
BS 6121-1:2005

Specifications

- IP68 (when fitted with seal)

IP68 Glands

List No.	Description	Pack Qty
AJG20S	M20S SWA gland	1
AJG20	M20 SWA gland	1
AJG25	M25 SWA gland	1

See page **80 - 82** for
Flexible Conduit Systems



Mineral Cable Glands & Accessories



Standard of Compliance
BASEEFA Cert EEx d IIC

Mineral Glands RGM

List No.	Size	Pack Qty
NMG21	2L 1.0	10
NMG215	2L 1.5	10
NMG225	2L 2.5	10
NMG31	3L 1.0	10
NMG315	3L 1.5	10
NMG41	4L 1.0	10
NMG415	4L 1.5	10



Standard of Compliance
BASEEFA Cert EEx d IIC

Pots & Seals, RPS & RPSL

List No.	Type	Size	Pack Qty
PS21	Standard RPS	2L 1.0	10
PS21ET	Earth tail RPSL	2L 1.0	10
PS215	Standard RPS	2L 1.5	10
PS215ET	Earth tail RPSL	2L 1.5	10
PS225	Standard RPS	2L 2.5	10
PS225ET	Earth tail RPSL	2L 2.5	10
PS31	Standard RPS	3L 1.0	10
PS31ET	Earth tail RPSL	3L 1.0	10
PS315	Standard RPS	3L 1.5	10
PS315ET	Earth tail RPSL	3L 1.5	10
PS41	Standard RPS	4L 1.0	10
PS41ET	Earth tail RPSL	4L 1.0	10
PS415	Standard RPS	4L 1.5	10
PS415ET	Earth tail RPSL	4L 1.5	10



Copper Clips - PVC Coated RCHJ

List No.	Size	Ref No.	Pack Qty
NPC1W	2L 1.0	30	50
NPC2W	2L 1.5, 3L 1.0	32	50
NPC3W	2L 2.5, 3L 1.5, 4L 1.0	34	50
NPC4W	4L 1.5	37	50
NPC1R	2L 1.0	30	50
NPC2R	2L 1.5, 3L 1.0	32	50
NPC3R	2L 2.5, 3L 1.5, 4L 1.0	34	50
NPC4R	4L 1.5	37	50



Standard of Compliance
London Underground (LUL) Approval
Specifications
• Low Smoke & Fume

Copper Clips - LSF Coated RCHJ

List No.	Size	Ref No.	Pack Qty
RCHL28W	2L 1.5, 3L 1.0	28	50
RCHL30W	3L 1.5, 4L 1.0	30	50
RCHL32W	2L 2.5	32	50
RCHL34W	3L 2.5, 4L 1.5	34	50
RCHL37W	4L 2.5	37	50
RCHL28R	2L 1.5, 3L 1.0	28	50
RCHL30R	3L 1.5, 4L 1.0	30	50
RCHL32R	2L 2.5	32	50
RCHL34R	3L 2.5, 4L 1.5	34	50
RCHL37R	4L 2.5	37	50



Standard of Compliance
London Underground (LUL) Approval
Specifications
• Low smoke & fume

Copper Saddles - LSF Coated RSFL

List No.	Size	Ref No.	Pack Qty
RSFL302W	2L 1.5, 3L 1.0	302	50
RSFL342W	2L 2.5, 3L 1.5, 3L 2.5, 4L 1.0, 4L 1.5	342	50
RSFL302R	2L 1.5, 3L 1.0	302	50
RSFL342R	2L 2.5, 3L 1.5, 3L 2.5, 4L 1.0, 4L 1.5	342	50

Cable Gland Accessories



Brass Locknuts

List No.	Size	Pack Qty
BL20	20mm	100
BL25	25mm	50
BL32	32mm	25
BL40	40mm	10
BL50	50mm	2
BL63	63mm	2
BL75	75mm	2



Brass Earth Tags

List No.	Size	Pack Qty
ET20	20mm	100
ET25	25mm	100
ET32	32mm	25
ET40	40mm	10
ET50	50mm	1
ET63	63mm	1
ET75	75mm	1



PVC Shrouds

List No.	Size	Pack Qty
ACS20S	20mm Small	10
ACS20	20mm	10
ACS25	25mm	10
ACS32	32mm	1
ACS40	40mm	1
ACS50	50mm	1
ACS63	63mm	1
ACS75	75mm	1

Nylon Cable Glands

Complete with locknuts



Standard of Compliance
BS EN60529:1992 + A2:2013
BS EN 62444

Specifications
• IP68 @10M (2Bar)
• Nylon 6.6
• -30°C to +80°C
• Available in black, white, red or grey

IP68 Domed Top Compression Glands

List No.		Male Thread Size	Cable Range	Pack Qty
DTG2012W		20mm	6-12mm	10
DTG2014W		20mm	10-14mm	10
DTG2518W		25mm	13-18mm	10
DTG2012B		20mm	6-12mm	10
DTG2014B		20mm	10-14mm	10
DTG2518B		25mm	13-18mm	10
DTG2012G		20mm	6-12mm	10
DTG2014G		20mm	10-14mm	10
DTG2518G		25mm	13-18mm	10
DTG2012R		20mm	6-12mm	10
DTG2014R		20mm	10-14mm	10
DTG2518R		25mm	13-18mm	10

Gland Selection Chart

CABLE SIZES	1	2	3	3 1/2	4
1.5mm ²	-	20S / 16	20S / 16	-	20S
2.5mm ²	-	20S	20S	-	20S
4mm ²	-	20S	20S	-	20
6mm ²	-	20	20	-	20
10mm ²	-	20	20-25	-	25
16mm ²	-	25	25	-	25
25mm ² SHAPED	-	20	25	25	25
25mm ² CIRCULAR	-	25	32	32	32
35mm ² SHAPED	-	25	25	32	23
35mm ² CIRCULAR	-	32	32	32	32-40
50mm ²	20	25-32	32	32	32
70mm ²	20	32	32	40	40
95mm ²	25	32	40	50	50
120mm ²	25	40	50	50	50
150mm ²	32	40	50	50	50
185mm ²	32	50	50	63	63
240mm ²	32	50	63	63	63
300mm ²	40	63	63	75	75



Thread Converters & Flameproof Stoppers



Standard of Compliance
BS EN 61386-1:2008

Specification

- Nickel plated brass
- IP66 (when used with sealing washer)

Reducers

List No.	Male	Female	Pack Qty
TRM2016M	M20	M16	10
TRM2520M	M25	M20	10
TRM3225M	M32	M25	10
TRP1620M	PG16	M20	10
TRP2120M	PG21	M20	10
TRP2125M	PG21	M25	10



Standard of Compliance
BS EN 61386-1:2008

Specification

- Nickel plated brass
- IP66 (when used with sealing washer)

Adaptors

List No.	Male	Female	Pack Qty
TAM1620M	M16	M20	10
TAM2025M	M20	M25	10
TAM2532M	M25	M32	10
TAM2016P	M20	PG16	10
TAP0920M	PG9	M20	10
TAP1120M	PG11	M20	10
TAP1320M	PG13	M20	10



Standard of Compliance
ATEX Category 2 & 3, II 2 GD EEx e II
Zones 1, 2, 21 & 22, EEx e IIC, DIP A21

Specification

- IP66
- IP68 (when used with washer)

Flameproof Stoppers - Polybutylene

List No.	Size	Pack Qty
FPS20	M20	1
FPS25	M25	1



Standard of Compliance
ATEX Category 2 & 3, Ex de I/II 2 GD,
Ex d I M2
Zones 1, 2, 21 & 22, EEx de I/IIC DIP

Specification

- IP66
- IP68 (when used with washer)

Flameproof Stoppers - Brass

List No.	Size	Pack Qty
BFPS20	M20	1
BFPS25	M25	1
BFPS32	M32	1

NYLON CABLE GLANDS

Simple screw-fit design, providing additional support and supplementary insulation with an IP68 rating for terminating various cables.

Available finishes:



Compatible with our connection boxes found on page 70



450V In-line Cable Connectors - IP68 Waterproof



Standard of Compliance
IEC60998-2-1:2004
IEC62444:2013
IEC60529:1991+A1:2000
+A2:2013

Specifications
• IP68 (3 bar)

3 Pole Straight

List No.	Terminal	Amps Max	Cable O/D Min-Max	Pack Qty
JOW3	3 pole straight	16A	5 - 10mm	1



Standard of Compliance
IEC60998-2-1:2004
IEC62444:2013
IEC60529:1991+A1:2000
+A2:2013

Specifications
• IP68 (3 bar)

3 Pole 'T'

List No.	Terminal	Amps Max	Cable O/D Min-Max	Pack Qty
JOW3T	3 pole 'T'	24A	5 - 12mm	1



Standard of Compliance
IEC60998-2-1:2004
IEC62444:2013
IEC60529:1991+A1:2000
+A2:2013

Specifications
• IP68 (3 bar)

3 Pole Heavy Duty

List No.	Terminal	Amps Max	Cable O/D Min-Max	Pack Qty
JOW3HD	3 pole heavy duty	24A	5 - 12mm	1



Standard of Compliance
IEC60998-2-1:2004
IEC62444:2013
IEC60529:1991+A1:2000
+A2:2013

Specifications
• IP68 (3 bar)

3 Pole Fast Fit

List No.	Terminal	Amps Max	Cable O/D Min-Max	Pack Qty
JOW3PIN	3 pole pin & socket, fast fit	16A	5 - 10mm	1



Standard of Compliance
IEC60998-2-1:2004
IEC62444:2013
IEC60529:1991+A1:2000
+A2:2013

Specifications
• IP68 (3 bar)

4 Pole

List No.	Terminal	Amps Max	Cable O/D Min-Max	Pack Qty
JOW4PIN	4 pole pin & socket, fast fit	16A	5 - 10mm	1



Standard of Compliance
IEC60998-2-1:2004
IEC62444:2013
IEC60529:1991+A1:2000
+A2:2013

Specifications
• IP68 (3 bar)

5 Pole Straight

List No.	Terminal	Amps Max	Cable O/D Min-Max	Pack Qty
JOW5	5 pole straight	24A	5 - 12mm	1

WATERPROOF; WATERTIGHT

A comprehensive range of Waterproof Connectors



- **CE Approved**
- Operating Temperature: **-35 to 105°C**
- Barometric Pressure: **86 to 106KPa**
- Plastic Housing: **PA66, V-O, 960°C, PTI:250**
- Metal Parts: **Cu, silver plated**



LV Resin Cable Joints



Standard of Compliance
BS EN 50393:2006-11
VDE 0278:393 (where applicable)
IEC 60455-3-8:2013

Specifications
• Polyurethane Resin >1kV
• Suitable for most cable types;
PVC, PILC, XLPE, EPR,

4-Way Junction Box

List No.	Max. 4 core	Type	Pack Qty
NCM0C	1.5-6mm ²	Straight through	1
NCM1C	10-16mm ²	Straight through	1
NCM2C	25mm ²	Straight through	1
NCM3C	35-95mm ²	Straight through	1
NCM4C	120mm ²	Straight through	1
NCS185C	150-185mm ²	Straight through	1
NCS300C	240-300mm ²	Straight through	1
NCB1C	6-16mm ²	Branch joint	1
NCB2C	16-35mm ²	Branch joint	1

Crimp Lugs



Standard of Compliance
BS EN 61238

Belled Entry - Copper

List No.	Nominal Conductor	Stud Size	Pack Qty
100 Pack			
NT6-5	6mm ²	5	100
NT6-8	6mm ²	8	100
NT10-6	100mm ²	6	100
NT10-8	10mm ²	8	100
NT10-10	10mm ²	10	100
NT16-8	16mm ²	8	100
NT16-10	16mm ²	10	100
50 Pack			
NT25-8	25mm ²	8	50
NT25-10	25mm ²	10	50
NT25-12	25mm ²	12	50
20 Pack			
NT35-8	35mm ²	8	20
NT35-10	35mm ²	10	20
NT35-12	35mm ²	12	20
NT50-8	50mm ²	8	20
NT50-12	50mm ²	12	20
NT70-8	70mm ²	8	20
NT70-12	70mm ²	12	20
NT70-14	70mm ²	14	20
NT95-10	95mm ²	10	20
NT95-12	95mm ²	12	20
NT95-14	95mm ²	14	20

IP68 INSULATING & SEALING GEL

- Protects against: humidity, mechanical shock & vibrations
- Quick and easy to apply
- Excellent electrical insulation
- Self re-sealing
- Operating temp: -40°C to 90°C



See page
57

Crimp Terminals



Specifications
Wire size 0.15 - 1.5mm²

Red Insulation Crimp Terminals

List No.	Description	Pack Qty
RRT43	Ring terminal	100
RRT53	Ring terminal	100
RRT65	Ring terminal	100
RRT85	Ring terminal	100
RFT43	Fork terminal	100
RWP95	Wire pin	100
RIS15	Insulated splice/butt	100
RPF63	Push on female	100
RPM63	Push on male	100
RPB63	Piggy back	100
RFIF63	Fully insulated female	100
RBCM4	Bullet male	100
RBCF4	Bullet female	100



Specifications
Wire size 1.5 - 2.5mm²

Blue Insulation Crimp Terminals

List No.	Description	Pack Qty
BRT43	Ring terminal	100
BRT53	Ring terminal	100
BRT65	Ring terminal	100
BRT85	Ring terminal	100
BFT43	Fork terminal	100
BWP95	Wire pin	100
BIS25	Insulated splice/butt	100
BPF63	Push on female	100
BPM63	Push on male	100
BPB63	Piggy back	100
BFIF63	Fully insulated female	100
BBCM5	Bullet male	100
BBCF5	Bullet female	100



Specifications
Wire size 4.0 - 6.0mm²

Yellow Insulation Crimp Terminals

List No.	Description	Pack Qty
YRT43	Ring terminal	100
YRT53	Ring terminal	100
YRT65	Ring terminal	100
YRT10	Ring terminal	100
YWP14	Wire pin	100
YIS6	Insulated splice/butt	100
YPF63	Push on female	100
YPM63	Push on male	100
YFIF63	Fully insulated female	100



Heat Shrink Sleeving



Standard of Compliance

UL224 VW1,
AMS-dtl-23053/5 Cl 1&2
CSA 066150
RoHS 2

Specifications

- Halogen free Polyolefin
- 2:1 Shrink ratio
- Operating temp -40°C to +135°C
- Flame retardant, self-extinguishing

Heat Shrink Sleeving - Coil

List No.		Size	Length	Pack Qty
N-HS48BLK		4.8 - 2.4mm	10m	1
N-HS64BLK		6.4 - 3.2mm	10m	1
N-HS95BLK		9.5 - 4.7mm	10m	1
N-HS127BLK		13 - 6.5mm	8m	1
N-HS191BLK		19 - 9.5mm	5m	1
N-HS254BLK		25 - 13mm	3m	1
N-HS48BLU		4.8 - 2.4mm	10m	1
N-HS64BLU		6.4 - 3.2mm	10m	1
N-HS95BLU		9.5 - 4.7mm	10m	1
N-HS127BLU		13 - 6.5mm	8m	1
N-HS191BLU		19 - 9.5mm	5m	1
N-HS254BLU		25 - 13mm	3m	1
N-HS48BRO		4.8 - 2.4mm	10m	1
N-HS64BRO		6.4 - 3.2mm	10m	1
N-HS95BRO		9.5 - 4.7mm	10m	1
N-HS127BRO		13 - 6.5mm	8m	1
N-HS191BRO		19 - 9.5mm	5m	1
N-HS254BRO		25 - 13mm	3m	1
N-HS48REG		4.8 - 2.4mm	10m	1
N-HS64REG		6.4 - 3.2mm	10m	1
N-HS95REG		9.5 - 4.7mm	10m	1
N-HS127REG		13 - 6.5mm	8m	1
N-HS191REG		19 - 9.5mm	5m	1
N-HS254REG		25 - 13mm	3m	1
N-HS48GRE		4.8 - 2.4mm	10m	1
N-HS64GRE		6.4 - 3.2mm	10m	1
N-HS95GRE		9.5 - 4.7mm	10m	1
N-HS127GRE		13 - 6.5mm	8m	1
N-HS191GRE		19 - 9.5mm	5m	1
N-HS254GRE		25 - 13mm	3m	1



Specifications

- Halogen free Polyolefin
- 2:1 shrink ratio
- Each pack contains black, blue, brown, grey, green/yellow.
- 3 x 250mm (or 2 x 250mm where * is shown)

Heat Shrink Sleeving - Packs

List No.	Size	Suitable for tri-rated cables	Pack Qty
N-HS64PK	6.4 - 3.2mm	2.5/4/6mm ²	1
N-HS127PK	12.7 - 6.4mm	10/16/25mm ²	1
N-HS191PK*	19.1 - 9.5mm	35/50/70mm ²	1
N-HS254PK*	25.4 - 12.7mm	95/120mm ²	1

Cable Walkover



Standards of Compliance
BS EN 476 Part 7 Class 3
DIN 4102 Part 1 & Class B1
BS EN 903-C5, 500V

Specifications

- Fire retardant
- Low smoke - Low Fume
- Non toxic
- Non conductivity

Rubber Cable Walkover



List No.	Hole Size	Overall Size	Pack Qty
RCP110	14 x 8mm	68 x 11mm	1 x 9m
RCP310	30 x 10mm	84 x 14mm	1 x 9m
RCP210	1 x 25 + 1 x 15mm	88 x 14mm	1 x 9m

Looking for **PVC Sleeving**?
See page **58**



Warning Labels & Notices



Specifications
• Five labels per pack, except NA10WR

Warning Labels & Notices

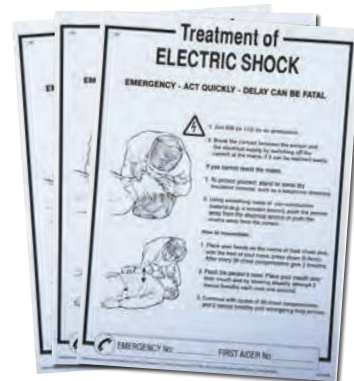
List No.	Message	Size	Material	Pack Qty
HC3YB	DANGER 240 Volts	50x20	R-PVC	5
HC5YB	DANGER 415 Volts	50x20	R-PVC	5
HCT3YB	DANGER 240 Volts	65 x 50	R-PVC	5
HCT5YB	DANGER 415 Volts	65 x 50	R-PVC	5
TLF3YB	DANGER 240 Volts	80x35	R-PVC	5
TLF5YB	DANGER 415 Volts	80x35	R-PVC	5
TLF22YB	WARNING: Isolate Supply Before Opening Cover	80x35	R-PVC	5
LF50YBG	Safety Electrical Connection. Do Not Remove	80x35	R-PVC	5
LH21YB	WARNING Isolate Supply Before Opening Cover	80x52	R-PVC	5
LFT22YB	WARNING Isolate Supply Before Opening Cover	105x80	R-PVC	5
LFT23YB	DANGER OF DEATH	105x80	R-PVC	5
PJ24WB	IMPORTANT Inspection required	55x115	R-PVC	5
LF60WR	FIRE ALARM Do Not Switch Off	80x35	R-PVC	5
WLWR	CAUTION 2 Colour Wiring Installation	50x100	SAV	5
NA10WR	Do Not Switch On Electrician Working	152x225	R-PVC	1



Specifications
• 140 labels per pack

Write-on Labels

List No.	Message	Size	Material	Pack Qty
TC10625	Tested for electrical safety	15x35	PF	1
TC10626	Rejected do not use	15x35	PF	1



Notices

List No.	Message	Pack Qty
WY70WB	Treatment of Electrical Shock	1
CFW	Health & Safety Law	1



Self-Adhesive Vinyl Markers

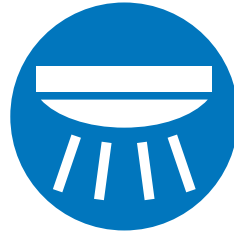
List No.	Message	Pack Qty
CA09	Cable maker cassette 0-9	1
TAB75	Book. 60 write on strips, 6-14mm cable diameter	1

Looking for **Lockout Tags?**
See page **116**





General Lighting



LED Centurion Lighting
Street Lighting Service Cut-outs
Photocell
Street Lighting Service Isolator
Lighting Control
Lighting Accessories
Site Lighting Equipment - General

LED *Centurion* Lighting



Standard of Compliance

EN60598-1/-2-5:2005
EN62493:2015
AfPS GS 2014:01 PAK
EN55015:2013/A1:2015
EN61547:2009
EN61000-3-2:2014

Specifications

- IP44
- Slimline fitting (42mm approx)
- **Pre-wired 1m x 1.0mm cable**
- 2-10m detection
- 10s-12min time delay adjustment
- 120° beam angle
- Daylight sensor
- 6500K or 4000K
- Available in black or white

IP44 LED Polycarbonate Floodlight with PIR

List No.	Description	Kelvins	Lumens	Pack Qty
NG-FLW-104P	☐ 10W LED	4000K	800	1
NG-FLW-204P	☐ 20W LED	4000K	1600	1
NG-FLW-304P	☐ 30W LED	4000K	2400	1
NG-FLB-104P	☒ 10W LED	4000K	800	1
NG-FLB-106P	☒ 10W LED	6500K	800	1
NG-FLB-204P	☒ 20W LED	4000K	1600	1
NG-FLB-206P	☒ 20W LED	6500K	1600	1
NG-FLB-304P	☒ 30W LED	4000K	2400	1
NG-FLB-306P	☒ 30W LED	6500K	2400	1



Standard of Compliance

EN60598-1/-2-5:2005
EN62493:2015
AfPS GS 2014:01 PAK
EN55015:2013/A1:2015
EN61547:2009
EN61000-3-2:2014

Specifications

- IP65
- Slimline fitting (42mm approx)
- **Pre-wired 1m x 1.0mm cable**
- 120° beam angle
- 6500K or 4000K
- Available in black or white

IP65 LED Polycarbonate Floodlight

List No.	Description	Kelvins	Lumens	Pack Qty
NG-FLW-104	☐ 10W LED	4000K	800	1
NG-FLW-204	☐ 20W LED	4000K	1600	1
NG-FLW-304	☐ 30W LED	4000K	2400	1
NG-FLB-104	☒ 10W LED	4000K	800	1
NG-FLB-106	☒ 10W LED	6500K	800	1
NG-FLB-204	☒ 20W LED	4000K	1600	1
NG-FLB-206	☒ 20W LED	6500K	1600	1
NG-FLB-304	☒ 30W LED	4000K	2400	1
NG-FLB-306	☒ 30W LED	6500K	2400	1



Standard of Compliance

EN60598-1/-2-5:2005
EN62493:2015
AfPS GS 2014:01 PAK
EN55015:2013/A1:2015
EN61547:2009
EN61000-3-2:2014

Specifications

- IP65
- Slimline fitting (25mm approx)
- **Pre-wired 1m x 1.0mm cable**
- 4000K
- Available in black or white

IP65 Diecast Aluminium LED Floodlight

List No.	Description	Kelvins	Lumens	Pack Qty
NG-EFW-104	☐ 10W diecast aluminium LED	4000K	800	1
NG-EFW-204	☐ 20W diecast aluminium LED	4000K	1600	1
NG-EFW-304	☐ 30W diecast aluminium LED	4000K	2400	1
NG-EFW-504	☐ 50W diecast aluminium LED	4000K	3500	1
NG-EFB-104	☒ 10W diecast aluminium LED	4000K	800	1
NG-EFB-204	☒ 20W diecast aluminium LED	4000K	1600	1
NG-EFB-304	☒ 30W diecast aluminium LED	4000K	2400	1
NG-EFB-504	☒ 50W diecast aluminium LED	4000K	3500	1

LED DIMMER

Our most versatile
silent LED
dimmer module

Why pick our
LEDDIM120?

- 2 Way 0-120W LED Dimmer
- 35mm backbox
- Easy to fit
- Suitable for mains & low voltage lighting
- Designed to work with our Matrix20 Range



Found on page 47

Note - LEDDIM120 does not come with cap or faceplate.

Street Lighting Service Cut-outs



Standard of Compliance
BS 7654 IEC 947:1

Specifications

- Fuses not included
- Single LST fuse 25A max
- 16mm² max conductor

Note

- Not suitable for SWA

MC040 SLF Type 1 SNE Cut-Out

List No.	Description	Pack Qty
17710E	SP. fuseway, separate neutral & earth	1



Standard of Compliance
BS 7654 IEC 947:1

Specifications

- Fuses not included
- Single LST fuse 25A max
- 16mm² max conductor

MC040 DN Type Compact Cut-Out

List No.	Description	Pack Qty
12013	Very compact. DP single fuse. 2 grommet entries	1



Standard of Compliance

BS 7654:1997
IEC/EN 60947-1

Specifications

- Fuses not included
- Single LST fuse 25A max
- 25mm² max conductor
- Thermoplastic moulding
- IP43 rated

Titan Type Cut-Out

List No.	Description	Column Type/Wiring	Pack Qty
T020G26	SP single phase, single fuse with earth block and brass plate. 2 x 25mm tubes	Single / Loop-in/out	1
T02AG61	SP single phase, single fuse with earth block and brass plate. 3 x 22mm tubes	Single / Loop-in/out	1
T060G26	DP single phase, single fuse with earth block and brass plate. 2 x 25mm tubes	Single / Loop-in/out	1
T06AG61	DP single phase, single fuse with earth block and brass plate. 3 x 22mm tubes	Single / Loop-in/out	1
T060G12	DP single phase, single fuse with earth block and brass plate. 2 x 20mm grommets	Single / Loop-in/out	1
T080G25	DP single phase, double fuse with earth block and brass plate. 2 x 20mm tubes	Twin / Loop-in/out	1
T2LEXT	Large 2 way extension trough. Suitable for Titan cut outs and Trojan Midi isolator. 120mm x 83mm x 63mm		1

Photocell

NEW RANGE



Standard of Compliance

BS EN 61347
BS EN 61000
BS EN 55015:2013
BS EN 61547:2009

Specifications

- 20:20 lux unity luminance ratio
- IP66
- Dimmable & programmable
- Tool-free (push & twist) installation
- DALI & Xitanium SR compatible
- Low energy consumption
- 15 year life expectancy with zero maintenance requirements
- Compatible with new LED designs

Zhaga LED Photocell

List No.	Description	Pack Qty
TSLED	49mm diameter x 21mm. Maximum load 400W. Accurate low level luminance switching. Compatible with new LED designs	1

Street Lighting Service Isolator

KEMA



Standard of Compliance

EC/EN 60269-1
IEC/EN 60947-3

Specifications

- 32A Double Pole switched
- Fuses not included
- Single MD/LD fuse 25A max
- Safety interlock device
- 10mm² max conductor

Certified

KEMA

Trojan Type Isolator

List No.	Description	Type	Pack Qty
TR2MID	Fuse holder + earth block. 2 x 20mm grommet entry & 6mm ² x 350mm fitted tails. IP44	Midi 2 way	1
TR2MBI	Fuse holder + earth block. 1 x 20mm grommet entry. IP33	Mini 2 way	1

Lighting Control



Specification

- Class 2
- IP65
- UV stabilized polycarbonate construction

Photo Electric Switch Cells

List No.	Description	Pack Qty
TS12	3 pin 198-264VAC, 70 Lux switch on. Maximum load 1200W Incandescent, 500W HPS/MH & 250W LED	1
TS12K	3 pin 198-264VAC, 70 Lux switch on. Maximum load 1200W Incandescent, 500W HPS/MH & 250W LED + nema socket, bracket & screws	1
TS12E	3 pin 198-264VAC, 70 Lux switch on with inbuilt VDR surge suppression. Maximum load 1200W Incandescent, 500W HPS/MH & 250W LED	1
TS12EK	3 pin 198-264VAC, 70 Lux switch on with inbuilt VDR surge suppression. Maximum load 1200W Incandescent, 500W HPS/MH & 250W LED + nema socket, bracket & screws	1
TS8	3 pin 198-264VAC, 70 Lux switch on. Maximum load 2400W Incandescent, 1200W HPS/MH & 700W LED (SS8)	1
TS8K	3 pin 198-264VAC, 70 Lux switch on. Maximum load 2400W Incandescent, 1200W HPS/MH & 700W LED + nema socket, bracket & screws (SS8K)	1
TS10	Miniature 16mm solid state pre-wired 198-264VAC 70 Lux on. Maximum load 625W Incandescent, 100W LED	1
TS4M	Miniature 20mm solid state pre-wired 198-264VAC 70 Lux on. Maximum load 1200W Incandescent, 500W HPS/MH & 250W LED	1
TS4MR	Miniature 20mm Remote Sensor version solid state pre-wired 198-264VAC 70 Lux on. Maximum load 1200W Incandescent, 500W HPS/MH & 250W LED	1



Standard of Compliance
BS EN 60155:1995
IEC60155:1993
Certified

Fluorescent Starter Switches

List No.	Description	Pack Qty
GE22	4-22W 110V or 220/240V	100
GE65	4-65W 220/240V universal	100
GE125	70-125W 220/240V	100



Specification

- IP20
- 220-240VAC, 50/60Hz
- Max load 1200W resistive
- 300W inductive
- Installation height 2.2-4m (ceiling type)
- Detection 6m 360°
- Time delay 10 seconds to 15 mins
- Lux level control

Occupancy Detectors

List No.	Description	Pack Qty
NODR360	Recessed, ceiling mounting 65mm ø cut-out, 50mm height	1
NODS120	Surface mounting, 90mm ø cut-out, 28mm height	1



Specification

- IP44
- 10m detection at 180° Scan
- Time adjustment 5 secs to 7 mins
- Max load 1000W resistive
- 10A

Passive Infra-Red (PIR) Detectors

List No.	Description	Pack Qty
PIR500	1000W PIR Detector	1

Lighting Accessories



Specification

- 220-240V/AC, 50/60Hz
- Max load 10A incandescent
- 6A florescent
- Neutral required

Time Lag Switches

List No.	Description	Pack Qty
TDS-E400A	Electronic push switch SP - 10 Sec - 10 Mins time delay adjustment	1
TDS-E2235A	Electronic touch switch SP - 1 Sec - 2Hrs time delay adjustment	1



Standard of Compliance

BS EN 60598-1:2008+A11

Specification

- Hot wire test 750°C & 850°C
- **intertek** tested

Ceiling Void Downlight Box

List No.	Size (LxWxH)	Pack Qty
DLB	207 x 207 x 150mm	5



Standard of Compliance

IEC896-2

BS6290-4

Specification

- Maintenance free
- ABS (UL94HB) cased.

Sealed Lead-Acid Rechargeable Batteries - 12V

List No.	Size (L x W x H)	Rated Capacity	Pack Qty
VT12012	99 x 43 x 52mm	1.2Ah	1
VT1202	178 x 34 x 60mm	2.0Ah	1
VT1203	134 x 67 x 61mm	3.0Ah	1
VT1207	151 x 65 x 94mm	7.0Ah	1

SOMETHING TO BRIGHTEN YOUR DAY

Our range of great quality LED lighting offers a wide choice of economical, practical and functional fittings with low running costs.

Features of the Range

- IP65 or IP44
- Slimline fitting
- Pre-wired 1m x 1.0mm cable
- Available in black or white
- Various wattages available
- 120° beam angle



See page

96

Site Lighting Equipment - General



Standard of Compliance

BS EN61242, BS EN60309

Specifications

- Steel frame
- 1.5mm² arctic cable
- 2 x 16A IP44 Socket outlets
- Max rating 1800W (unwound)

110V Extension Reels

List No.	Description	Pack Qty
NER2516	25m x 1.5mm	1
NER5016	50m x 1.5mm	1



Specifications

- IP44
- 4 x 16A IP44 Sockets outlets
- 5m x 2.5mm² arctic cable

110V 4 Way Splitter Box

List No.	Description	Pack Qty
SB416	Metal case	1



Specifications

- IP44
- 1.5 & 2.5mm² arctic cable
- Must be used uncoiled

110V Extension Leads

List No.	Description	Pack Qty
EL1415Y	1.5mm x 14m	1
EL1425Y	2.5mm x 14m	1



Specifications

- IP44
- 2M lead & 13A plug
- GRP case

110V Portable Site Transformers

List No.	Outlets	Rating Intermittent/Continuous	Pack Qty
PST10	16A x 1	1kVA/500VA	1
PST15	16A x 2	1.5kVA/750VA	1
PST30	16A x 2	3kVA/1.6kVA	1
PST50	16A x 2 & 1 x 32A	5kVA/2.5kVA	1



Specifications

- IP44
- 2.5mm² arctic cable
- Must be used uncoiled

110V Festoon Lighting

List No.	Description	Pack Qty
FSK2B	BC set, 25m, 10 lampholders & guards	1
FSK2E	ES set, 25m, 10 lampholders & guards	1
FS3B	100m, 33 lampholders	1
FS3E	ES, 100m, 33 lampholders	1

240V CABLE REELS

Ideal for professional use on site, at home or in the workshop.

Features

- 3 x 1.5mm² Cable
- 4 Outlets
- 13A 3120W Unwound Rating
- Thermal Cut-Out



See page
54



Fixings & Tools



Fixings

Safeplate
Wall Plugs
Metal Capping
Fixing Strips
Wood Screws
General Fasteners
Plastic Spiral Wrap
Machine Screws
Cable Ties & Accessories
Cable Cleats
Girder Fixings
Catenary Wire System

Tools

Drills
Hole Saws
Hand Taps & Re-Threaders
Stocks, Dies & Guides
Conduit Pipe Bender & Spares
Electrician's Screwdrivers
& Pliers
General Tools
Reelsaver
Folding Cable Runner
Test Instruments
Markers

Electrical Safety

Safety Lock-outs

Consumables

Adhesives, Fluids,
Film, Paint & Wipes

Safeplate®



Standard of Compliance
Ref. 17th edition IEE Wiring Regs.

Specifications

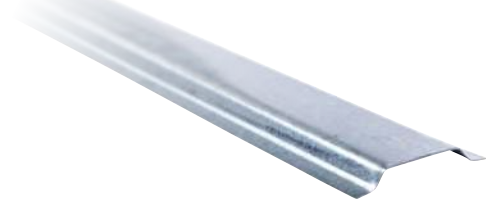
- UK made
- Structural Galv. Carbon Steel
- 350 min tensile yield

Safeplate®

List No.	Size	Pack Qty
SP1	50 x 76mm	100
SP3	50 x 100mm	75
SP2	50 x 152mm	50

Metal Capping

NEW RANGE



Pre Galvanised Steel Channel

List No.	Description	Pack Qty
NMC12	12mm (1/2") x 2m	50
NMC25	25mm (1") x 2m	50
NMC38	38mm (1 1/2") x 2m	50

Fixing Strips



Specifications
• 10m coil length

Coated Fixing Strips - Galvanised & PVC

List No.	Width	Hole Diameter	Finish	Pack Qty
FS12	12mm	5mm	Self-colour	1 x 10m
FS17	17mm	7mm	Self-colour	1 x 10m
FS12B	12mm	5mm	Black	1 x 10m
FS17B	17mm	7mm	Black	1 x 10m

Wall Plugs



Wall Plugs - Plastic

List No.	Finish	Diameter	Length	Pack Qty
PPIY	Yellow	5mm	24mm	10 x 100
PP2R	Red	5.5mm	32mm	10 x 100
PP3B	Brown	7mm	38mm	10 x 100

Wood Screws



POZI-Drive CSK Twin Screw BZP

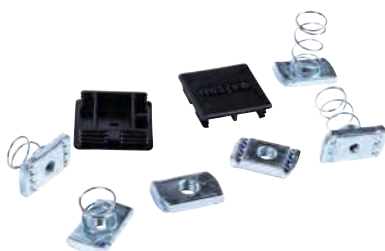
List No.	Size	Pack Qty
SWS61C	1"	200
SWS6114C	1 1/4"	200
SWS6112C	1 1/2"	200
SWS81C	1"	200
SWS8114C	1 1/4"	200
SWS8112C	1 1/2"	200
SWS82C	2"	200
SWS8212C	2 1/2"	200
SWS101C	1"	200
SWS10114C	1 1/4"	200
SWS10112C	1 1/2"	200
SWS102C	2"	200
SWS10212C	2 1/2"	200

General Fasteners



Roofing Nuts & Bolts

List No.	Size	Pack Qty
200 Pack		
RB612	M6 x 12mm	200
RB616	M6 x 16mm	200
RB620	M6 x 20mm	200
RB625	M6 x 25mm	200
100 Pack		
RB640	M6 x 40mm	100
RB650	M6 x 50mm	100



Standard of Compliance
BS 6946

Channel Nuts (Zebedee) & End Caps

List No.	Size	Type	Pack Qty
CN6	M6	Plain	100
CN8	M8	Plain	100
CN10	M10	Plain	100
CN6S	M6	Short spring	100
CN8S	M8	Short spring	100
CN10S	M10	Short spring	100
CN6L	M6	Long spring	100
CN8L	M8	Long spring	100
CN10L	M10	Long spring	100
CSA950W	41 x 41	White end cap	100
CSA950B	41 x 41	Black end cap	100



Threaded Rod - BZP

List No.	Size	Pack Qty
TR6	M6 x 1m	10
TR8	M8 x 1m	10
TR10	M10 x 1m	10
TR12	M12 x 1m	10



Self Drive Plasterboard Anchors

List No.	Finish	Pack Qty
SDA35	Zinc	100

Plastic Spiral Wrap

Note
• Cable not included



Plastic Spiral Wrap

List No.	Colour	Min. Dia.	Max. Dia.	Pack Qty
PE3N	Natural	1.5mm	7mm	1 x 50m
PE3B	Black	1.5mm	7mm	1 x 50m
PE6N	Natural	5mm	20mm	1 x 25m
PE6B	Black	5mm	20mm	1 x 25m
PE12N	Natural	10mm	40mm	1 x 25m
PE12B	Black	10mm	40mm	1 x 25m
PE22N	Natural	25mm	100mm	1 x 25m
PE22B	Black	25mm	100mm	1 x 25m

Machine Screws



Note

• Pre-packed in poly bags

Brass Pan Head Screws

List No.	Size	Pack Qty
100 Pack		
PH46	M4 x 6mm	10 x 100
PH48	M4 x 8mm	10 x 100
PH410	M4 x 10mm	10 x 100
PH412	M4 x 12mm	10 x 100
PH416	M4 x 16mm	10 x 100
PH420	M4 x 20mm	10 x 100
PH425	M4 x 25mm	10 x 100
PH430	M4 x 30mm	5 x 100
PH440	M4 x 40mm	5 x 100
50 Pack		
PH435	M4 x 35mm	10 x 50
PH450	M4 x 50mm	10 x 50



Raised CSK Nickel Plated Screws

List No.	Size	Pack Qty
RC325	M3.5 x 25mm	10 x 100
RC330	M3.5 x 30mm	10 x 100
RC335	M3.5 x 35mm	10 x 100
RC340	M3.5 x 40mm	10 x 100
RC350	M3.5 x 50mm	10 x 100
RC360	M3.5 x 60mm	100
RC375	M3.5 x 75mm	100



Raised CSK Brass Screw - Self Coloured

List No.	Size	Pack Qty
RCB325	M3.5 x 25mm	100
RCB350	M3.5 x 50mm	100



Brass Fullnuts & Washers

List No.	Size	Pack Qty
N4	4mm nuts	10 x 100
W4	4mm washers	10 x 100



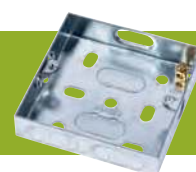
Note

- Can be used to extend the length of switch & socket screws by 35mm
- Used when a back box is too deep in the wall for standard fixing screws

Brass Extension Stud

List No.	Size	Pack Qty
EXS35	M3.5 x 34mm	100

Looking for **Socket Boxes?**
See page **57**



Cable Ties



Standard of Compliance
BSEN62275

Specifications

- Operating temperature -80 to 500°C
- Amendment 3 compliant
- Available in black or self coloured (please state when ordering)

Ball-Lock Type - Stainless Steel

18th Edition
COMPLIANT

List No.	Description	Pack Qty
NCTS200	200 x 4.6mm	100
NCTS360	360 x 4.6mm	100
NCTS550	550 x 7.6mm	100
NCTS200B	200 x 4.6mm	100
NCTS360B	360 x 4.6mm	100
NCTS550B	550 x 7.6mm	100



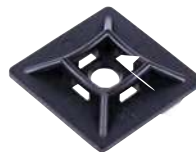
Specifications

- Nylon 6/6
- -4°C to 110°C
- Packed in 100s
- Available in black or natural (please state when ordering)

Standard Type

List No.	Description	Breaking Capacity	Pack Qty
CT1N	98 x 2.5mm	8.1kg	100
CT1/1N	200 x 2.5mm	8.1kg	100
CT2N	140 x 3.6mm	18.2kg	100
CT2/1N	160 x 4.5mm	22.2kg	100
CT3N	200 x 4.8mm	22.2kg	100
CT4N	300 x 4.8mm	22.2kg	100
CT4/1N	370 x 4.8mm	22.2kg	100
CT5N	370 x 7.6mm	54.5kg	100
CT6N	540 x 7.8mm	79.4kg	100
CT7N	780 x 9.0mm	80kg	100
CT8N	500 x 12.6mm	113.5kg	100
CT1B	98 x 2.5mm	8.1kg	100
CT1/1B	200 x 2.5mm	8.1kg	100
CT2B	140 x 3.6mm	18.2kg	100
CT2/1B	160 x 4.5mm	22.2kg	100
CT3B	200 x 4.8mm	22.2kg	100
CT4B	300 x 4.8mm	22.2kg	100
CT4/1B	370 x 4.8mm	22.2kg	100
CT4/2B	300 x 7.8mm	54.5kg	100
CT5B	370 x 7.6mm	54.5kg	100
CT6B	540 x 7.8mm	79.4kg	100
CT7B	780 x 9mm	79.4kg	100
CT8B	500 x 12.6mm	113.5kg	100

Cable Tie Accessories



Specifications

- For use with cable ties
- Available in black or natural

Self Adhesive Base

List No.	Description	Max. Tie Width	Pack Qty
CTB3	19 x 19mm	3.6mm	100
CTB4	25 x 25mm	4.8mm	100
CTB3B	19 x 19mm	3.6mm	100
CTB4B	25 x 25mm	4.8mm	100

Cable Tie Cutter

List No.	Description	Pack Qty
TYC	Cable Tie Cutter	1

Tensioning & Cutting Gun

List No.	Description	Pack Qty
NCTSGUN	For use with stainless steel ties up to 4.6mm	1

Cable Cleats



Specifications

- UV Resistant Polypropylene

Polypropylene

List No.	Inches	Millimetres	Pack Qty
100 Pack			
CC4	0.4"	10mm	100
CC5	0.5"	12.7mm	100
CC6	0.6"	15.2mm	100
CC7	0.7"	17.8mm	100
CC8	0.8"	20.03mm	100
CC9	0.9"	22.8mm	100
CC10	1"	25.4mm	100
50 Pack			
CC11	1.1"	27.7mm	50
CC12	1.2"	30.5mm	50
CC14	1.4	35.5mm	50
CC16	1.6"	40.6mm	50
CC18	1.8"	45.7mm	50
CC20	2.0"	50.8mm	50

Girder Fixings



Use

- For running cables along the edge of steelwork

Beam/Edge Clips

List No.	Girder Size	Cable Size	Pack Qty
N-SEC67	2-4mm	6-7mm	100
N-SEC89	2-4mm	8-9mm	100
N-SEC1011	2-4mm	10-11mm	100
N-SEC1214	2-4mm	12-14mm	100
N-SEC1518	2-4mm	15-18mm	100
N-SEC1924	2-4mm	19-24mm	100
N-SEC2530	2-4mm	25-30mm	100
N-MEC67	4-7mm	6-7mm	100
N-MEC89	4-7mm	8-9mm	100
N-MEC1011	4-7mm	10-11mm	100
N-MEC1214	4-7mm	12-14mm	100
N-MEC1518	4-7mm	15-18mm	100
N-MEC1924	4-7mm	19-24mm	100
N-MEC2530	4-7mm	25-30mm	100
N-LEC67	8-12mm	6-7mm	100
N-LEC89	8-12mm	8-9mm	100
N-LEC1011	8-12mm	10-11mm	100
N-LEC1214	8-12mm	12-14mm	100
N-LEC1518	8-12mm	15-18mm	100
N-LEC1924	8-12mm	19-24mm	100
N-LEC2530	8-12mm	25-30mm	100



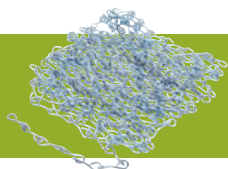
Use

- For use with SEC edge clips

Cable Run Adaptors

List No.	Girder Size	Pack Qty
NAEC1215	12-15mm	25
NAEC1520	15-20mm	25

Looking for **Jack Chain**?
See page **74**



Vertical Rod Hangers

List No.	Beam Thickness	Max Load	Rod Size	Pack Qty
NVH155VRH6T	1.5-5mm	68kg	M6	25
NVH155VRH8T	1.5-5mm	68kg	M8	25
NVH155VRH10T	1.5-5mm	68kg	M10	25
NVH57VRH6T	5-7mm	68kg	M6	25
NVH57VRH8T	5-7mm	68kg	M8	25
NVH57VRH10T	5-7mm	68kg	M10	25



Purlin Rod Clamp (For Threaded Rod)

List No.	Beam Thickness	Max Load	Pack Qty
NPC	3mm	40kg	50



Use

- For chain, wire, etc, suspension

Purlin Clips (Edge Return Type)

List No.	Beam Thickness	Return Edge	Max Load	Pack Qty
NRCC-125	3mm	12mm	20kg	25



Use

- For chain, wire, etc, suspension

Z Purlin Hanger 45°

List No.	Max Load	Pack Qty
NZPH45	45kg	25

Girder Fixings



Use

- For chain, wire, etc, suspension

Vertical Flange Hangers

List No.	Beam Thickness	Max Load	Pack Qty
NVH-155	1.5-5mm	70kg	25
NVH-57	5-7mm	70kg	25



Use

- Supports conduit at right angles to steel flange or threaded rod (M6, M8, M10)

Conduit Clips

List No.	Conduit Size	Max Load	Pack Qty
NRC-313T	>20mm	22kg	25
NRC-320T	>40mm	22kg	25



Use

- For chain, wire, etc, suspension

Horizontal Flange Hangers

List No.	Beam Thickness	Max Load	Pack Qty
NHH-154	1.5-4mm	70kg	25
NHH-410	4-10mm	90kg	25
NHH-1015	10-15mm	90kg	25
NHH-1520	15-20mm	90kg	25



Use

- For flush fastening of fixtures to T-Bar ceiling systems.

T-Bar Ceiling Clips

List No.	Bar Size	Stud Size	Stud Length	Max Load	Pack Qty
NX165	25mm	M6	16mm	22kg	25



Chain Clips (Witches Hats)

List No.	Max Load	Pack Qty
NMP1	8kg	50



Cable Tray - Stand Off Support Brackets

List No.	Size	Pack Qty
NSOB50LP	50mm	25
NSOB70LP	75mm	25
NSOB100LP	100mm	25
NSOB150LP	150mm	25
NSOB225LP	225mm	10
NSOB300LP	300mm	10
NSOB450LP	450mm	10

Catenary Wire System



CWK Kit Includes

- 1 x 30m Galvanised wire
- 4 x Wire grip
- 1 x Thimble
- 2 x Loop wall plates
- 1 x Hook and eye straining screw
- 2 x Straining eye bolts

Catenary Wire System

List No.	Description	Pack Qty
CWK	Catenary wire kit. 30m coil fittings	1
CWGR	3mm wire grip	20
CWTH	4mm thimbles	20
CWRS	150mm rawhide suspenders	10
CWTB	6mmx150mm straining eye bolt	10
CWSH	6mm hook & eye straining screw	5
CWAP	6mm diameter loop wall plate	5
CW330	3mmx30m 7 strand galvanised wire	1
CW350	3mmx50m 7 strand galvanised wire	1
CW3100	3mmx100m 7 strand galvanised wire	1

Drills

NEW RANGE

Specifications

- Premium Range
- Made to DIN 338
- 30% Faster drilling
- 3x Longer service life
- For drilling alloyed & unalloyed steel, copper, zinc & nickel

High Speed Twist Drills - Premium

List No.	Description	Pack Qty
HSPD015	1.5mm	10
HSPD020	2mm	10
HSPD025	2.5mm	10
HSPD030	3mm	10
HSPD035	3.5mm	10
HSPD040	4mm	10
HSPD045	4.5mm	10
HSPD050	5mm	10
HSPD055	5.5mm	10
HSPD060	6mm	10
HSPD065	6.5mm	10
HSPD070	7mm	10
HSPD080	8mm	10
HSPD100	10mm	10


Specifications

- Featuring super tough double spiral design

SDS Plus Hammer Drill HB44

List No.	Description	Total Length	Working Length	Pack Qty
SD050110	5mm	110mm	50mm	1
SD055110	5.5mm	110mm	50mm	1
SD050160	5mm	160mm	100mm	1
SD055160	5.5mm	160mm	100mm	1
SD060160	6mm	160mm	100mm	1
SD065160	6.5mm	160mm	100mm	1
SD070160	7mm	160mm	100mm	1
SD080160	8mm	160mm	100mm	1
SD10160	10mm	160mm	100mm	1
SD10460	10mm	450mm	400mm	1
SD12460	12mm	450mm	400mm	1
SD14210	14mm	210mm	150mm	1


Specifications

- Straight shank
- 118° split point
- Suitable for drilling softer metals, plastic, wood and similar materials

High Speed Twist Drills - Economy

List No.	Description	Pack Qty
HSD015	1.5mm	10
HSD020	2mm	10
HSD025	2.5mm	10
HSD030	3mm	10
HSD035	3.5mm	10
HSD040	4mm	10
HSD045	4.5mm	10
HSD050	5mm	10
HSD055	5.5mm	10
HSD060	6mm	10
HSD065	6.5mm	10
HSD070	7mm	10
HSD080	8mm	10
HSD100	10mm	10
DSS110	19 piece set 1 - 10mm	1

NEW RANGE

Specifications

- Tungsten Carbide
- Diamond ground tip
- Suitable for tiles, natural stone, metal, masonry, plastics & wood

Multicut Drills

List No.	Description	Pack Qty
MCD050	5mm x 85mm	1
MCD055	5.5mm x 85mm	1
MCD060	6mm x 100mm	1
MCD065	6.5mm x 100mm	1
MCD070	7mm x 100mm	1
MCD080	8mm x 120mm	1
MCD100	10mm x 120mm	1

Tools

Drills



Specifications

- Featuring HD angled cutting wings
- Quick release shank

Note

Suitable for drilling wood materials only.

Wood Flat Drills

List No.	Description	Pack Qty
WFB12	12mm	1
WFB16	16mm	1
WFB20	20mm	1
WFB25	25mm	1
WFB32	32mm	1
WFBEX	300mm extension	1
WFKIT	8 bit set 10, 13, 16, 20, 22, 25, 32 & 38mm	1



Specifications

- Suitable for drilling soft and hardwood, chipboard and fibreboard.

Auger Drills

List No.	Description	Pack Qty
WAB20H	20 x 230mm hex	1
WAB25H	25 x 230mm hex	1
WAB32H	32 x 230mm hex	1
WAB20S	20 x 230mm SDS	1
WAB25S	25 x 230mm SDS	1



Specifications

- Self-starting with multiple hole sizes
- Tin-coated

HSS Step Drills

List No.	Description	Pack Qty
HSSD420	4 - 20mm	1
HSSD630	6 - 30mm	1
HSSDSET	3 piece set 4-12mm, 4-20mm, 6-30mm	1

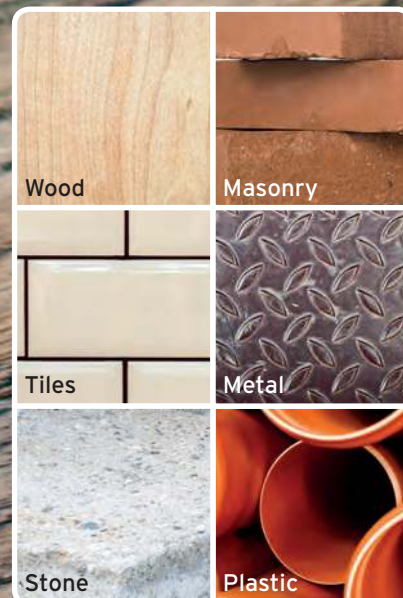
MULTI PURPOSE DRILL BIT RANGE

Diamond ground, carbide tipped design results in extremely versatile and precise drilling for almost any material.

Features

- Carbide Tip
- 4 Step Profile
- Cylindrical Shank
- Diamond Ground
- 5.0 to 10mm Available

Drills Through:



Hole Saws



Suitable for

- Mild & stainless steel
- Brass
- Aluminium
- Plastics

HSS Variable Pitch Bi-Metal Blade

List No.	Description	Pack Qty
TC20	20mm	1
TC25	25mm	1
TC32	32mm	1
TC38	38mm	1
TC40	40mm	1
TC44	44mm	1
TC50	50mm	1
TC60	60mm	1
TC64	64mm	1
TC70	70mm	1
TC76	76mm	1
TCSET	9 piece set 20, 25, 32, 38, 50 & 54mm blade, 2 arbours & mandrel plus adapter	1
M2025	Small mandrel 14 - 30mm	1
M3283	Large mandrel 32 - 152mm	1

Hand Taps & Re-Threaders



List No.	Description	Size	Pack Qty
HT35	Hand tap	3.5mm	3
HT4	Hand tap	4mm	3
HT20	Hand tap	20mm	1
TAPRT35	Re-threader	3.5mm	1
TAPRT40	Re-threader	4mm	1

Stocks, Dies & Guides



List No.	Description	Pack Qty
SDG1	Set 20mm & 25mm stocks, dies & guides	1
S1	Stocks for use with 20 & 25mm die guides	1
D20	20mm dies	1
D25	25mm dies	1
G20	20mm guides	1
G25	25mm guides	1

Conduit Pipe Bender & Spares



Note

- Parts are equivalent to Hilmore

List No.	Description	Pack Qty
PPB2025	Portable stand pipe bender with 20 & 25mm formers	1
PB20F	20mm alloy conduit former	1
PB25F	25mm alloy conduit former	1
PBCP	Replacement centre pin	1
PBPV	Replacement pipe vice	1
PBRP	Replacement roller pin	1
PBTS	Replacement tube stop	1

Looking for **Bending Springs**?
See page **113**



Electrician's Screwdrivers & Pliers



Certified



Pliers & Cutters - Premium 1000V

List No.	Description	Size	Pack Qty
VSC150	Side cutters	150mm	1
VLN200	Long Nose	200mm	1
VCP200	Combination	200mm	1
VWS150	Wire strippers	150mm	1



Certified



Screwdrivers - 1000V

List No.	Blade Diameter	Blade Length	Pack Qty
VIS75	2.8mm flat	75mm	1
VIS100	3.5mm flat	100mm	1
VIS100-4	4.0mm flat	100mm	1
VIS125-55	5.5mm flat	125mm	1
VIS150-60	6.0mm flat	150mm	1
VISPH60-0	No. 0 Phillips	60mm	1
VISPH80-1	No. 1 Phillips	80mm	1
VISPH100-2	No. 2 Phillips	100mm	1
VISPZ80-1	No. 1 Pozi	80mm	1
VISPZ100-2	No. 2 Pozi	100mm	1



Pliers & Cutters - Economy

List No.	Description	Size	Pack Qty
SC165	Side cutters	165mm	1
CP180	Combination	180mm	1
LN200	Long nose	200mm	1
MG250	Mole grip	250mm	1
WP250	Water pump	250mm	1
VCS230	HD cable sheer 25mm ²	230mm	1
TYC	Cable tie cutter	125mm	1



Mains Neon Testers

List No.	Description	Pack Qty
NTL1	Large type without pocket clip chrome vanadium steel	10
NTP1	Pocket type with pocket clip	10

Looking for **Machine Screws**?
See page **104**



General Tools



Hand Tacker

List No.	Description	Pack Qty
HT1	4 - 14mm multi-purpose	1
350-112	12mm staples (1250)	1



Immersion Heater Spanners

List No.	Description	Pack Qty
IMHS1	85mm octagonal	1



Hammers

List No.	Description	Pack Qty
MCH16	16oz fiberglass shafted claw	1



Chisels

List No.	Description	Pack Qty
BC4	100mm bolster	1
EC2	50mm electricians	1



Sealant Gun

List No.	Description	Pack Qty
SG300	300ml capacity	1



Retractable Knife

List No.	Description	Pack Qty
RK1	Utility knife	1
RKB	Replacement blades (pack of 5)	1



Bush Spanner

List No.	Description	Pack Qty
BK2025	To suit M20-25 bushes	1



Saws, Frames & Blades

List No.	Description	Pack Qty
HS12	12" superior frame	1
HS6	Junior frame	1
6B	Junior blades	1
PS150	Plaster board saw 150mm	1

General Tools



Tape Measure

List No.	Description	Pack Qty
TM16	5m	1
TM23	7.5m	1
TM33	10m	1



Solder (Lead Free)

List No.	Description	Pack Qty
RS	100g reel 1.2mm alloy-23	1



Nylon Fish Tape

List No.	Description	Pack Qty
FTN10	10m	1
FTN20	20m	1
FTN30	30m	1



Bending Springs

List No.	Description	Pack Qty
BS20	Heavy pattern	1
BS25	Heavy pattern	1
BS20L	Light pattern	1
BS25L	Light pattern	1

Reelsaver

Unique Product Available from Niglon

Designed specifically for the electrical trade, to help stop wasting time and money caused by damaged cable drums. The reelsaver is manufactured from fully recyclable ABS and polycarbonate materials.



Note
• Cable drum not included

List No.	Description	Pack Qty
NRSY	Cable drum reclaimer. Max cable use 6mm Twin & Earth	5

Folding Cable Runner



Specifications
• Lightweight
• Fold-flat steel frame

Note
• Cable drums not included

List No.	Description	Pack Qty
CS	Multi Reel Capacity	1

Test Instruments



Standard of Compliance
CAT III 100V and CAT IV 100V
where applicable
BS EN61326-1,
IEC/BS EN61010-1/-2

Specification
• Includes battery & leads

Digital Multimeters

List No.	Description	Pack Qty
NTM02	600V AC/DC Cat II, pocket sized, 1999 count LCD - backlit, DC 10A, resistance 2MΩ, transistor & diode test, continuity buzzer, data hold, polarity indicator, battery status, 138 x 69 x 31mm, 170g	1
NTM05	5 in 1 multimeter, temperature, humidity, light & sound. 600V AC/DC Cat III, AC/DC 10A, auto ranging, 4000 count LED - backlit, resistance 40MΩ, capacitance 200μF/400F frequency 100kHz, diode test, continuity buzzer, data hold, temperature -200°C to 1000°C, humidity 20 to 90%RH, lux 4K to 40K, dB 40 to 100. 158 x 78 x 38mm, 270g	1



Protective Cases

List No.	Description	Pack Qty
NTA02	Protective instrument case, 200 x 80 x 40mm	1
NTA03	Protective instrument case, 245 x 160 x 80mm	1



Standard of Compliance
CAT II/III where applicable
BS EN61010, EN61243-3, IEC 1010

Specifications
• LED indication of wiring status & audible alert

Note
• Socket not included

Socket Tester

List No.	Description	Pack Qty
NST01	Standard - socket tester	1



Standard of Compliance
CAT II/III where applicable
BS EN61010, EN61243-3, IEC 1010



Voltage Testers

List No.	Description	Pack Qty
NVT01	Voltage stick, non-contact Cat. III, visual & audible alert	1
NVT02	12V-690V AC/DC, LED readout, audible continuity, rotary field indication, SP phase test, self test function, tip torch, G338 test probes & case	1



Standard of Compliance
CAT III / IV where applicable
BS EN61010, EN61243-3, IEC 1010

Specification
• Includes battery, leads & case
• Dimensions 194 x 72 x 35mm

Digital Clamp Meter

List No.	Description	Pack Qty
NCM400	600A AC, 600V AC/DC pocket sized LED display, 60 M Ohm resistance, continuity buzzer, data hold and temperature probe. 24mm diameter conductor	1



Markers

NEW RANGE



- Features
- Marks plastic, wood & metal, wet, dry, dusty or oily surfaces
 - Long lasting with refill capability
 - Integrated sharper
 - Clip on quiver cap
 - High quality German construction

PCMD

PCMI

Automatic Construction Marker

List No.	Description	Pack Qty
PCMD	Graphite construction marker	1
PCMI	Ink construction marker	1
PCMK	Display pack including 10 x PMCD, 10 x PCMI, (5 black, 3 red & 2 blue), 10 x lead sets (4 black, 2 yellow & 2 red)	1



PCMK

All automatic construction marker kits come supplied with an attractive display unit, creating an eye catching feature for any counter top, helping to showcase the products and highlight their features.

PRECISE,
RELIABLE
RANGE OF TEST
INSTRUMENTS

Electrical testers are invaluable to allow you to conduct safer, more efficient electrical installations. Quick and easy to use with built in sound and light instructions this range is essential for any electrical professional.



Safety Lockouts



Safety Padlocks

List No.	Description	Pack Qty
PLR38	6 x 38mm steel shackle	1
PLRINS38	6 x 38mm none conductive	1
PLK	MCB padlock kit	1



Lockout Hasps

List No.	Description	Pack Qty
PLLOH25	25mm dia steel hasp	1
PLLOH38	38mm dia steel hasp	1
PLLOH63	25x63mm non-conductive hasp	1



MCB Lockout Devices

List No.	Description	Pack Qty
PLMCB-PO	MCB lockout - Pins out	1
PLMCB-PI	MCB Lockout - Pins in	1
PLMCB-WP	MCB Lockout - Pins out wide	1
PLMCB-TG	MCB Lockout - Universal toggle 8mm	1
PLMCB-TB	Tie Bar MCB Lockout - Non-standard	1



Plug Lockouts

List No.	Description	Pack Qty
LP13	Small case - 13A 3 pin plug	1
LP16	Large case - CEE plug 16/32A	1



No-Hole Lockout Device

Specifications

- Extremely versatile. Suited for use with breakers without built-in locking, regularly found on older installations
- Effective on a range of single pole & internal-trip multi pole breakers

List No.	Description	Pack Qty
PLTSC-S	Thumb screw clamp - 15mm Max	1
PLTSC-M	Thumb screw clamp - 38mm Max	1
PLTSC-L	Thumb screw clamp - 55mm Max	1



Lockout Tags & Marker Pen

List No.	Description	Pack Qty
WLDGR	'Do Not Operate' HD vinyl tags	1
NPMP	Permanent marker pen	1



Grip Tight Lockouts

List No.	Description	Pack Qty
LPGT1	Grip tight - wide toggle	1
LPGT2	Grip tight - standard single & double toggle	1



Lockout Kit

List No.	Description	Pack Qty
LPKIT1	Contractor lockout kit C/W case	1

Adhesives, Fluids, Film, Paint & Wipes



Aluminium & Zinc Paint

List No.	Description	Pack Qty
NGP400	400ml aerosol, corrosion resistant zinc paint	1



Hand Wipes

List No.	Description	Pack Qty
NIW110	110 sheets, industrial hand wipes	1



Tallow & Cutting Compound

List No.	Description	Pack Qty
TAL2	500g tallow tub	1
CMP1	450g cutting compound tin	1

Looking for
Plastic Sealing Compound?
See page **57**



Adhesives

List No.	Description	Pack Qty
PCA250	1/4 litre tin	1



Lubricants & Cleaning Fluids

List No.	Description	Pack Qty
NCF350	350ml, superior cutting fluid	1
NCA400	400ml aerosol, general cutting agent	1
NDA400	400ml aerosol, degreasing agent	1
NWD400	400ml aerosol, water displacement & lubricant	1
NUL400	400ml aerosol, universal lubricant	1
NSG400	400ml aerosol, silicone contact grease	1



Carpet Protector - Self Adhesive

List No.	Description	Pack Qty
CPF600	600mm x 25m protective film	1 x 25m

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SURGE PROTECTION DEVICES



We now provide a range of Type 1, 2 & 3 surge protection devices to ensure compliance with the new 18th Edition Regulations.



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PREMIUM EDGE

Slimline decorative

- Stainless steel faceplates
- Modular light switches
- Discrete moisture gasket
- Range of finishes and insert colours



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PUSH-FIT CONNECTORS

For solid, stranded or fine stranded cables

- SDK Type - T90
- Lever Type - T85
- Miniature Type - T60
- Lighting Type - T90
- Big Red Type - T105



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METAL ROTARY ISOLATORS

Check out the latest additions to our isolator range

The niglon range of rotary isolators are perfect for use in conjunction with commercial/light industrial applications.



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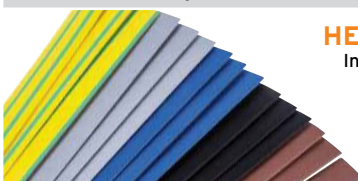
MEMBRANE MOULDED BOXES

IP66 weatherproof range

- Integrated gasket seal
- Easy installation using supplied mounting bracket
- x8 membrane or threaded cable entries



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The customer's attention is drawn in particular to the provisions of clause 10.

1. Interpretation

1.1 Definitions. In these Conditions, the following definitions apply:

Business Day: a day (other than a Saturday, Sunday or public holiday in England) when banks in London are open for business.

Conditions: the terms and conditions set out in this document as amended from time to time in accordance with clause 12.2.

Contract: the contract between the Supplier and the Customer for the sale and purchase of the Goods in accordance with these Conditions.

Customer: the person or firm who purchases the Goods from the Supplier.

Force Majeure Event: has the meaning given in clause 11.

Goods: the goods (or any part of them) set out in the Order.

Order: the Customer's order for the Goods, as set out in the Customer's purchase order form.

Specification: any specification for the Goods contained or referred to in the Supplier's catalogue, which has been specifically agreed in writing between the Supplier and the Customer in the manner referred to in clause 2.5 or as otherwise provided to the Customer.

Supplier: Niglon Limited (registered in England and Wales with company number 00891753).

1.2 Construction. In these Conditions, the following rules apply:

- A person includes a natural person, corporate or unincorporated body (whether or not having separate legal personality).
- A reference to a party includes its personal representatives, successors or permitted assigns.
- A reference to a statute or statutory provision is a reference to such statute or provision as amended or re-enacted. A reference to a statute or statutory provision includes any subordinate legislation made under that statute or statutory provision, as amended or re-enacted.
- Any phrase introduced by the terms including, include, in particular or any similar expression shall be construed as illustrative and shall not limit the sense of the words preceding those terms.
- A reference to writing or written includes faxes and emails.

2. Basis of Contract

- These Conditions apply to the Contract to the exclusion of any other terms that the Customer seeks to impose or incorporate, or which are implied by trade, custom, practice or course of dealing.
- The Order constitutes an offer by the Customer to purchase the Goods in accordance with these Conditions. The Customer is responsible for ensuring that the terms of the Order and any applicable agreed Specification are complete and accurate.
- The Order shall only be deemed to be accepted when the Supplier issues a written acceptance of the Order, at which point the Contract shall come into existence.
- The Contract constitutes the entire agreement between the parties. The Customer acknowledges that it has not relied on any statement, promise, representation, assurance or warranty made or given by or on behalf of the Supplier which is not set out in the Contract.
- Any samples, drawings, descriptive matter, or advertising produced by the Supplier and any descriptions or illustrations contained in the Supplier's catalogues or brochures are produced for the sole purpose of giving an approximate idea of the Goods described in them. They shall not form part of the Contract or have any contractual force.
- All product information relating to the Goods description, specification or otherwise, must be verified with the Supplier's sales department before placing the Order, or specifically agreed in writing between the Supplier and the Customer, and specifically set out or referred to, in the Order. The Supplier may discontinue or replace at any time without notice any Goods which appear in its catalogues, brochures or within any online presence.
- A quotation for the Goods given by the Supplier shall not constitute an offer. A quotation shall only be valid for a period of 20 Business Days from its date of issue.

3. Goods

- The Goods are described in the Supplier's catalogue.
- The Supplier reserves the right to amend the specification of the Goods if required by any applicable statutory or regulatory requirements.
- The Customer shall quote product numbers and finish required in its Order and only in wholesale quantities (i.e. not less than a standard pack of each product).
- Where the Customer wishes to open a new account with the Supplier, it shall provide such bank and trade references as the Supplier shall require.

4. Delivery

- The Supplier shall deliver the Goods to the location set out in the Order or such other location as the parties may agree (Delivery Location) at any time after the Supplier notifies the Customer that the Goods are ready.
- Where the Goods are to be delivered to the Customer's carrier (as opposed to delivery to the Customer's premises or other location contained in the Order) delivery shall be deemed completed as soon as the Goods are delivered to the Customer's carrier.
- Where the Goods are to be delivered to the Customer's premises or to another location contained in the Order, delivery of the Goods shall be deemed completed on the Goods' arrival at the Delivery Location regardless as to whether a representative of the Customer (or someone purporting to be a representative of the Customer) has signed a delivery note or such other acknowledgement of receipt of the Goods.
- Immediately upon receipt of the Goods the Goods supplied will be deemed to have been delivered in the quantity set out in the delivery note unless the delivery note or other acknowledgement is signed "unexamined" by the Customer and the packaging and Goods are retained for later inspection.
- Any dates quoted for delivery are approximate only, and the time of delivery is not of the essence. The Supplier shall not be liable for any delay in delivery of the Goods that is caused by a Force Majeure Event or the Customer's failure to provide the Supplier with adequate delivery instructions or any other instructions that are relevant to the supply of the Goods and any costs or expenses incurred by the Supplier in respect thereof shall be charged to the Customer.
- If the Supplier fails to deliver the Goods, its liability shall be limited to the costs and expenses incurred by the Customer in obtaining replacement goods of similar description and quality in the cheapest market available, less the price of the Goods. The Supplier shall have no liability for any failure to deliver the Goods to the extent that such failure is caused by a Force Majeure Event or the Customer's failure to provide the Supplier with adequate delivery instructions or any other instructions that are relevant to the supply of the Goods.
- The Customer shall not be entitled to reject the Goods if the Supplier delivers up to and including 10% more or less than the quantity of Goods ordered. Any shortage or over delivery of the Goods shall be reported by the Customer within three days of delivery.
- The Supplier may deliver the Goods by instalments, which shall be invoiced and paid for separately. Each instalment shall constitute a separate Contract. Any delay in delivery or defect in an instalment shall not entitle the Customer to cancel any other instalment.
- Subject to clause 6.2(a) any query in relation to an order must be raised in writing with the Supplier within 3 days of delivery otherwise the Supplier will be under no obligation to deal with the said query.

5. Returns

- The return of non-faulty Goods (Returned Goods) will not be accepted back for credit unless:
 - An inventory of the Returned Goods has been submitted to the Supplier (showing a description of the Returned Goods, the delivery note under which the Returned Goods were supplied and the relevant parts numbers);
 - The Supplier's prior written consent is given to the return of the Returned Goods;
 - The Returned Goods are returned in their original packaging, and in an unmarked and undamaged condition; and
 - The Customer pays the full carriage and insurance costs arising in respect of the delivery of the Returned Goods to the Supplier.
- Upon receipt of the Returned Goods the Supplier shall inspect them and only such Returned Goods found to be in their original packaging, unmarked and undamaged shall be eligible for a credit.
- The Supplier shall credit the original invoice under which the Returned Goods were supplied to the Customer, less a 25% restocking fee within 30 days of receipt of the Returned Goods.
- If any goods or products are returned to or collected by the Supplier, which were not supplied by the Supplier, the Customer shall indemnify the Supplier on demand, and keep the Supplier so indemnified against all costs, expenses, charges, fees, liabilities, claims or otherwise relating there to, including those relating to the collection, storage and or disposal (whether in accordance with the Waste Electrical and Electronic Equipment Directive (2012/19/EU) or otherwise) of such goods or products.
- Notwithstanding clauses 5.1 to 5.3 above, no returns will be accepted in respect of:
 - Returned Goods that had been in the possession of the Customer for a period in excess of 10 Business Days;
 - Any black enamelled conduit fittings; and
 - Bespoke, non-standard or made to order Goods under any circumstances whatsoever.

6. Quality

- The Supplier warrants that on delivery and for a period of 12 months from the date of delivery (warranty period), the Goods shall:
 - conform with their description; and
 - be free from material defects in design, material and workmanship.
- Subject to clause 6.3, if:
 - the Customer gives notice in writing to the Supplier within three days of delivery that some or all of the Goods do not comply with the warranty set out in clause 6.1;
 - the Supplier is given a reasonable opportunity of examining such Goods; and
 - the Customer (if asked to do so by the Supplier) returns such Goods to the Supplier's place of business at the Customer's cost,
 the Supplier shall, at its option, repair or replace the defective Goods, or refund the price of the defective Goods in full.
- The Supplier shall not be liable for Good's failure to comply with the warranty set out in clause 6.1 in any of the following events:
 - the Customer makes any further use of such Goods after giving notice in accordance with clause 6.2; or
 - the defect arises because the Customer failed to follow the Supplier's or any manufacturer's oral or written instructions as to the storage, commissioning, installation, use and maintenance of the Goods or (if there are none) good trade practice regarding the same; or
 - the defect arises as a result of the Supplier following any drawing, design or Specification supplied by the Customer; or
 - the Customer alters or repairs such Goods without the written consent of the Supplier; or
 - the defect arises as a result of fair wear and tear, wilful damage, negligence, or abnormal storage or working conditions; or
 - the Goods differ from their description as a result of changes made to ensure they comply with applicable statutory or regulatory requirements; or
 - the defect arises as a result of the use of the Goods in any particular design, installation or configuration, unless the Specification clearly states that the Goods are suitable for such use; or
 - the Goods are used with incompatible goods or products or outside of the permitted tolerances, whether any limitations on such tolerances are contained or referred to in the Specification or are otherwise within the reasonable contemplation and knowledge of the Customer.
- Except as provided in this clause 5, the Supplier shall have no liability to the Customer in respect of the Goods' failure to comply with the warranty set out in clause 6.1.
- Except as set out in these Conditions, all warranties, conditions and other terms (to include the terms implied by sections 13 to 15 of the Sale of Goods Act 1979) are, to the fullest extent permitted by law, excluded from the Contract.
- These Conditions shall apply to any repaired or replacement Goods supplied by the Supplier.

7. Title & Risk

- The risk in the Goods shall pass to the Customer on completion of delivery.
- Title to the Goods shall not pass to the Customer until the earlier of:
 - the Supplier receives payment in full (in cash or cleared funds) for the Goods and any other goods that the Supplier has supplied to the Customer, in which case title to the Goods shall pass at the time of payment of all such sums; and
 - the Customer resells the Goods, in which case title to the Goods shall pass to the Customer at the time specified in clause 7.4.
- Until title to the Goods has passed to the Customer, the Customer shall:
 - store the Goods separately from all other goods held by the Customer so that they remain readily identifiable as the Supplier's property;
 - not remove, deface or obscure any identifying mark or packaging on or relating to the Goods;
 - maintain the Goods in satisfactory condition and keep them insured against all risks for their full price from the date of delivery;
 - notify the Supplier immediately if it becomes subject to any of the events listed in clause 9.2; and
 - give the Supplier such information relating to the Goods as the Supplier may require from time to time.
- Subject to clause 7.5, the Customer may resell or use the Goods in the ordinary course of its business (but not otherwise) before the Supplier receives payment for the Goods. However, if the Customer resells the Goods before that time:
 - it does so as principal and not as the Supplier's agent; and
 - title to the Goods shall pass from the Supplier to the Customer immediately before the time at which resale by the Customer occurs.
- If before title to the Goods passes to the Customer the Customer becomes subject to any of the events listed in clause 9.2 or the Supplier reasonably believes that any such event is about to happen then, without limiting any other right or remedy the Supplier may have:
 - the Customer's right to resell the Goods or use them in the ordinary course of its business ceases immediately; and
 - the Supplier may at any time:
 - require the Customer to deliver up all Goods in its possession which have not been resold, or irrevocably incorporated into another product;
 - if the Customer fails to do so promptly, enter any premises of the Customer or of any third party where the Goods are stored in order to recover them and the Customer hereby grants to the Supplier an irrevocable licence to enter at any time any of the Customer's premises where the Goods are stored in order to repossess or inspect the Goods; and

the Customer shall pay all of the Supplier's costs and expenses incurred in connection with the repossession and/or inspection of the Goods.

8. Price & Payment

- 8.1 The price of the Goods shall be the price set out in the Order, or, if no price is quoted, the price set out in the Supplier's catalogue or such other published price list in force as at the date of delivery, or to the extent applicable, in any price arrangement agreement between the Supplier and Customer. The Supplier may change its catalogue or published prices at any time without notice. The Customer must check the current price applicable before placing the Order. Unless specified all prices are in Pounds Sterling and subject to VAT at the applicable rate.
- 8.2 Where the Supplier and the Customer agree a discount to the catalogue or published price for the Goods, such discount will only apply to the extent that payment for the Goods supplied with such discount is made in full in accordance with the payment terms set out in these Conditions.
- 8.3 The Supplier may, by giving notice to the Customer at any time before delivery, increase the price of the Goods to reflect any increase in the cost of the Goods that is due to:
 - (a) any factor beyond the Supplier's control (including foreign exchange fluctuations, increases in taxes and duties, and increases in labour, materials and other manufacturing costs); or
 - (b) any request by the Customer to change the delivery date(s), quantities or types of Goods ordered, or the Specification; or
 - (c) any delay caused by any instructions of the Customer or failure of the Customer to give the Supplier adequate or accurate information or instructions.
- 8.4 The price of the Goods is exclusive of the costs and charges of packaging, insurance and transport of the Goods, which shall be invoiced to the Customer.
- 8.5 The price of the Goods is exclusive of amounts in respect of value added tax (VAT). The Customer shall, on receipt of a valid VAT invoice from the Supplier, pay to the Supplier such additional amounts in respect of VAT as are chargeable on the supply of the Goods.
- 8.6 The Supplier may invoice the Customer for the Goods on or at any time after the completion of delivery. Any queries relating to the price for the Goods must be raised with the Supplier within 10 Business Days of the date of the invoice. Thereafter the Customer will be deemed to have accepted the invoice and be responsible for payment thereof in full without set off or deduction.
- 8.7 The Customer shall pay the invoice in full and in cleared funds within 30 days of the date of the invoice. Payment shall be made to the bank account nominated in writing by the Supplier. Time of payment is of the essence.
- 8.8 If the Customer fails to make any payment due to the Supplier under the Contract by the due date for payment, then the Customer shall pay interest on the overdue amount at the rate of 4% per annum above Barclays Bank PLC's base rate from time to time. Such interest shall accrue on a daily basis from the due date until actual payment of the overdue amount, whether before or after judgment. The Customer shall pay the interest together with the overdue amount together with the Supplier's reasonable costs incurred in connection with the recovery of the debt.
- 8.9 In addition to clause 8.8 any discount applied to the Goods in accordance with clause 8.1 shall in the event of late payment be withdrawn without notice and shall no longer apply and the full price for the Goods shall be payable in respect thereof.
- 8.10 The Customer shall pay all amounts due under the Contract in full without any set-off, counterclaim, deduction or withholding (except for any deduction or withholding required by law). The Supplier may at any time, without limiting any other rights or remedies it may have, set off any amount owing to it by the Customer against any amount payable by the Supplier to the Customer.

9. Termination & Suspension

- 9.1 If the Customer becomes subject to any of the events listed in clause 9.2 or the Supplier reasonably suspects that the Customer is about to become subject to any of the events listed in clause 9.2, the Supplier may terminate the Contract with immediate effect by giving written notice to the Customer (without thereby incurring any liability to the Customer).
- 9.2 For the purposes of clause 9.1, the relevant events are:
 - (a) the Customer suspends, or threatens to suspend, payment of its debts, or is unable to pay its debts as they fall due or accrues inability to pay its debts, or (being a company or limited liability partnership) is deemed unable to pay its debts within the meaning of section 123 of the Insolvency Act 1986, or (being an individual) is deemed either unable to pay its debts or as having no reasonable prospect of so doing, in either case, within the meaning of section 268 of the Insolvency Act 1986, or (being a partnership) has any partner to whom any of the foregoing apply;
 - (b) the Customer commences negotiations with all or any class of its creditors with a view to rescheduling any of its debts, or makes a proposal for or enters into any compromise or arrangement with its creditors other than (where the Customer is a company) where these events take place for the sole purpose of a scheme for a solvent amalgamation of the Customer with one or more other companies or the solvent reconstruction of the Customer;
 - (c) (being a company) a petition is filed, a notice is given, a resolution is passed, or an order is made, for or in connection with the winding up of the Customer, other than for the sole purpose of a scheme for a solvent amalgamation of the Customer with one or more other companies or the solvent reconstruction of the Customer;
 - (d) (being a company) an application is made to court, or an order is made, for the appointment of an administrator or if a notice of intention to appoint an administrator is given or if an administrator is appointed over the Customer;
 - (e) (being a company) the holder of a qualifying floating charge over the Customer's assets has become entitled to appoint or has appointed an administrative receiver;
 - (f) a person becomes entitled to appoint a receiver over the Customer's assets or a receiver is appointed over the Customer's assets;
 - (g) (being an individual) the Customer is the subject of a bankruptcy petition or order;
 - (h) a creditor or encumbrancer of the Customer attaches or takes possession of, or a distress, execution, sequestration or other such process is levied or enforced on or sued against, the whole or any part of its assets and such attachment or process is not discharged within 14 days;
 - (i) any event occurs, or proceeding is taken, with respect to the Customer in any jurisdiction to which it is subject that has an effect equivalent or similar to any of the events mentioned in clause 9.2(a) to clause 9.2(f) (inclusive);
 - (j) the Customer suspends, threatens to suspend, ceases or threatens to cease to carry on all or a substantial part of its business;
 - (k) the Customer's financial position deteriorates to such an extent that in the Supplier's opinion the Customer's capability to adequately fulfil its obligations under the Contract has been placed in jeopardy; and
 - (l) (being an individual) the Customer dies or, by reason of illness or incapacity (whether mental or physical), is incapable of managing his or her own affairs or becomes a patient under any mental health legislation.
- 9.3 Without limiting its other rights or remedies, the Supplier may suspend provision of the Goods under the Contract or any other contract between the Customer and the Supplier if the Customer becomes subject to any of the events listed in clause 9.2(a) to clause 9.2(l), or the Supplier reasonably believes that the Customer is about to become subject to any of them, or if the Customer fails to pay any amount due under this Contract on the due date for payment.
- 9.4 On termination of the Contract for any reason the Customer shall immediately pay to the Supplier all of the Supplier's outstanding unpaid invoices and interest and debt recovery costs incurred as at the date of termination.
- 9.5 Termination of the Contract, however arising, shall not affect any of the parties' rights, remedies, obligations and liabilities that have accrued as at termination.
- 9.6 Clauses which expressly or by implication survive termination of the Contract shall continue in full force and effect.

10. Limitation of Liability

- 10.1 Nothing in these Conditions shall limit or exclude the Supplier's liability for:
 - (a) death or personal injury caused by its negligence, or the negligence of its employees, agents or subcontractors (as applicable); or
 - (b) fraud or fraudulent misrepresentation; or
 - (c) breach of the terms implied by section 12 of the Sale of Goods Act 1979; or
 - (d) defective products under the Consumer Protection Act 1987; or
 - (e) any matter in respect of which it would be unlawful for the Supplier to exclude or restrict liability.
- 10.2 Subject to clause 10.1:
 - (a) the Supplier shall under no circumstances whatsoever be liable to the Customer, whether in contract, tort (including negligence), breach of statutory duty, or otherwise, for any loss of profit, or any indirect or consequential loss arising under or in connection with the Contract including any loss or damage that results from any action or inaction of the Supplier's suppliers, employees, agents or subcontractors; and
 - (b) the Supplier's total liability to the Customer in respect of all other losses arising under or in connection with the Contract, whether in contract, tort (including negligence), breach of statutory duty, or otherwise including any loss or damage that results from any action or inaction of the Supplier's suppliers, employees, agents or subcontractors; shall in no circumstances exceed the price of the Goods.

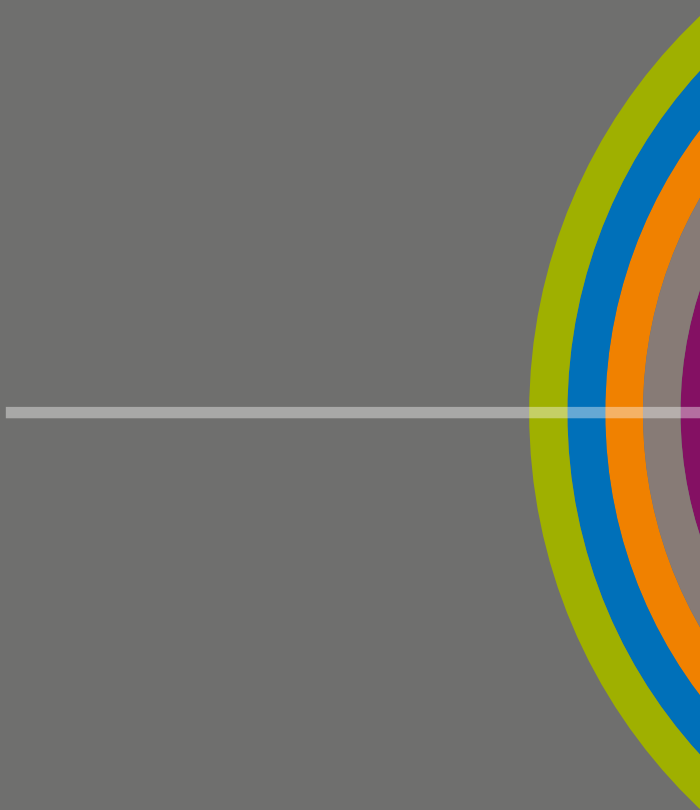
11. Force Majeure

The Supplier shall not be liable for any failure or delay in performing its obligations under the Contract to the extent that such failure or delay is caused by a Force Majeure Event. A Force Majeure Event means any event beyond the Supplier's reasonable control, which by its nature could not have been foreseen, or, if it could have been foreseen, was unavoidable, including strikes, lock-outs or other industrial disputes (whether involving its own workforce or a third party's), failure of energy sources or transport network, acts of God, war, terrorism, riot, civil commotion, interference by civil or military authorities, import or export regulations or embargoes, breakdown of plant or machinery, difficulties in obtaining raw materials, labour, fuel or machine parts, national or international calamity, armed conflict, malicious damage, breakdown of plant or machinery, nuclear, chemical or biological contamination, sonic boom, explosions, collapse of building structures, fires, floods, storms, earthquakes, loss at sea, epidemics or similar events, natural disasters or extreme adverse weather conditions, or default of suppliers or subcontractors.

12. General

- 12.1 Assignment and other dealings.
 - (a) The Supplier may at any time assign, transfer, mortgage, charge, subcontract or deal in any other manner with any or all of its rights or obligations under the Contract.
 - (b) The Customer may not assign, transfer, mortgage, charge, subcontract, declare a trust over or deal in any other manner with any or all of its rights or obligations under the Contract without the prior written consent of the Supplier.
- 12.2 Variation. Except as set out in these Conditions, no variation of the Contract, including the introduction of any additional terms and conditions, shall be effective unless it is agreed in writing and signed by the Supplier.
- 12.3 Waiver. A waiver of any right or remedy under the Contract or law is only effective if given in writing and shall not be deemed a waiver of any subsequent breach or default. No failure or delay by a party to exercise any right or remedy provided under the Contract or by law shall constitute a waiver of that or any other right or remedy, nor shall it prevent or restrict the further exercise of that or any other right or remedy. No single or partial exercise of such right or remedy shall prevent or restrict the further exercise of that or any other right or remedy.
- 12.4 Severance.
 - (a) If any provision or part-provision of the Contract is or becomes invalid, illegal or unenforceable, it shall be deemed modified to the minimum extent necessary to make it valid, legal and enforceable. If such modification is not possible, the relevant provision or part-provision shall be deemed deleted. Any modification to or deletion of a provision or part-provision under this clause shall not affect the validity and enforceability of the rest of the Contract.
 - (b) If one party gives notice to the other of the possibility that any provision or part-provision of this Contract is invalid, illegal or unenforceable, the parties shall negotiate in good faith to amend such provision so that, as amended, it is legal, valid and enforceable, and, to the greatest extent possible, achieves the intended commercial result of the original provision.
- 12.5 Copyright. The Supplier shall retain all copyright © to material within its catalogues, brochures or within any online presence at all times and throughout the world. All rights reserved.
- 12.6 Notices.
 - (a) Any notice or other communication given to a party under or in connection with the Contract shall be in writing, addressed to that party at its registered office (if it is a company) or its principal place of business (in any other case) or such other address as that party may have specified to the other party in writing in accordance with this clause, and shall be delivered personally, or sent by pre-paid first class post or other next working day delivery service, commercial courier, fax or email.
 - (b) A notice or other communication shall be deemed to have been received: if delivered personally, when left at the address referred to in clause 12.5(a); if sent by pre-paid first-class post or other next working day delivery service, at 9.00 am on the second Business Day after posting; if delivered by commercial courier, on the date and at the time that the courier's delivery receipt is signed; or, if sent by fax or email, one Business Day after transmission.
 - (c) The provisions of this clause shall not apply to the service of any proceedings or other documents in any legal action.
- 12.7 Third parties. A person who is not a party to the Contract shall not have any rights to enforce its terms.
- 12.8 Governing law. The Contract, and any dispute or claim arising out of or in connection with it or its subject matter or formation (including non-contractual disputes or claims), shall be governed by, and construed in accordance with the law of England and Wales.
- 12.9 Jurisdiction. Each party irrevocably agrees that the courts of England and Wales shall have exclusive jurisdiction to settle any dispute or claim arising out of or in connection with the Contract or its subject matter or formation (including non-contractual disputes or claims).
- 12.10 E&OE. Whilst every care has been taken in ensuring the accuracy of this catalogue, the Supplier accepts no liability whatsoever for any eventuality arising from errors or omissions within its catalogues, brochures or within any online presence.





Listed in **LUCKINS**

Product Catalogue

Issue 2

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