



Junction Box & Contractor Range



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Junction Box & Contractor Range

A first class range of essential wiring accessories required for any installation. Robust products designed for easy installation.

Our junction box range has been designed to simplify your installation. The product comes with incoming and outgoing cable clamps and three plate terminals with separate terminals for flexible cords.

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BG Electrical products are guaranteed against faulty materials and workmanship for a period of 25 years from date of delivery.

Features & Finishes



Junction Boxes



Metal Boxes



Accessories

Junction Boxes – Selective Entry

- Manufactured to BS EN 60670
- Selective entries indicated by numbers and symbols on rotating cover
- Moulded in brown or white urea
- Rear entry knockouts in base to facilitate ease of wiring
- Suitable for unbroken ring wire installations
- Lower lip of entries can easily be knocked out to take twin cables
- Robust, generous capacity slot terminals with large grub screws



606 Internal View 606W

Product Code	Description	Inner Carton	Outer Carton
603	3 way, 30 Amp, 89mm/3.25" diameter – brown	10	100
603W	3 way, 30 Amp, 89mm/3.25" diameter – white	10	100
604	4 way, 20 Amp, 80mm/3.25" diameter – brown	10	100
604W	4 way, 20 Amp, 80mm/3.25" diameter – white	10	100
606	6 way, 20 Amp, 89mm/3.25" diameter – brown	10	100
606W	6 way, 20 Amp, 89mm/3.25" diameter – white	10	100

Junction Boxes – Knock-Out Entry

- Manufactured to BS EN 60670
- Suitable for unbroken ring wire installations
- Robust, generous capacity slot terminals with large grub screws
- Small and unobtrusive
- Moulded in brown or white urea



491 Internal View 491

Product Code	Description	Inner Carton	Outer Carton
491	4 way, 20 Amp, 57mm/1.25" diameter – brown	20	200
491W	4 way, 20 Amp, 57mm/1.25" diameter – white	20	200

Junction Boxes – Heavy Duty

- Manufactured to BS EN 60670
- Robust, generous capacity slot terminals with large grub screws
- Moulded in brown urea
- High amperage connector blocks
- Brass terminal block
- Approved to VDE 0606



4100SP 460 (closed and internal)

Product Code	Description	Inner Carton	Outer Carton
4100SP	3 way, 100 Amp, single pole	10	100
4100DP	3 way, 100 Amp, double pole	5	50
460	3 way, 60 Amp, single pole	5	50

Junction Boxes – Lighting

- Manufactured to BS 5733
- Approved BS EN 60998 terminal block
- Mounting holes for horizontal and vertical fixing
- Ideal for use in lighting applications
- Small and unobtrusive
- Approved to VDE 0606

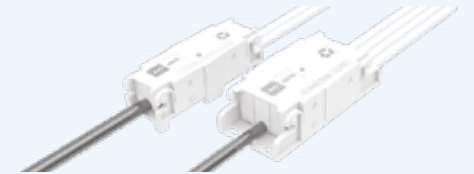


403/405/410

Product Code	Description	Inner Carton	Outer Carton
403	3 way, 3 Amp	20	200
405	3 way, 5 Amp	20	200
410	3 way, 10 Amp	20	200

Connection Cover

- For use with terminal strips up to 30 Amp
- 3 part, easy assemble connection cover – V2 fire rating
- Auto cable restraint – 75% quicker to install than similar products
- Supplied in a counter display carton
- White colour for ease of location in areas of low light
- Made in the UK from reclaimed materials
- Conforms to all relevant local and national regulations



401M/401S Closed

*Terminal strips not included

Product Code	Description	Inner Carton	Outer Carton
401M	Master, suitable for 4-way terminal block	20	200
401S	Secondary, suitable for 3-way terminal block	28	280

Easy Install Feature



- Step 1** Remove lids
- Step 2** Place electrical connection on to base
- Step 3** Insert lids
- Step 4** Close lid A & hold in position whilst closing lid B
- Step 5** Clip the lid shut. Use optional screw if required

Fuses – Bulk Pack

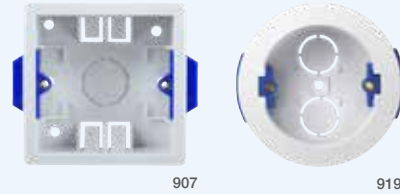
- Manufactured to BS 1362



Product Code	Description	Inner Carton	Outer Carton
F103	3 Amp in packs of 10	10	100
F105	5 Amp in packs of 10	10	100
F1013	13 Amp in packs of 10	10	100

Dry Lining Boxes

- Chemical resistant
- Manufactured from ABS
- Circular base knock-out size 25mm



Product Code	Description	Inner Carton	Outer Carton
907	Single, 35mm	10	100
908	Double, 35mm	5	50
916	Dual 35mm	5	50
917	Single, 47mm	10	100
918	Double, 47mm	5	50
919	Round 35mm	10	100
920	Triple 35mm, single and double	5	50

Steel Knock-Out Boxes

- Manufactured to BS EN 60670-1
- Complete with earth bond terminal



Product Code	Description	Inner Carton	Outer Carton
HGS01	Single, 16mm deep	20	200
HGS02	Single, 25mm deep	10	100
HGS03	Single, 35mm deep	10	100
HGS04	Double, 25mm deep	5	50
HGS05	Double, 35mm deep	5	50
HGS05/C4	4 x double, 35mm deep – combination plate	-	10
HGS06	Single, 47mm deep	10	100
HGS07	Double, 47mm deep	5	50
HGS07/C2	2 x double, 47mm deep – combination plate	-	20
HGS07/C4	4 x double, 47mm deep – combination plate	-	10
HGS08	Dual 35mm deep	5	50
HGS68	Double metal box (6g + 8g Grid)	5	25
HGS912	Triple metal box (9g + 12g Grid)	5	25

Flex Connectors

- Manufactured to BS 5733
- 2 plastic cable restraints retained by plated-steel slotted head screws
- Brass slotted head terminal screws



Product Code	Description	Inner Carton	Outer Carton
452	10 Amp, 3 pin, shrouded non-reversible male and female	20	200
458	10 Amp, 3 pin, solid brass through terminals	20	200

Connector Strips

- Manufactured from thermoplastic
- Unique 'snap-off' spine design
- Maximum continuous temperature rating 80°C
- Nominal voltage 400V
- Fully backed-out screws to speed installations
- Manufactured to BS EN 60998-2-1



TS30/6

Product Code	Description	Inner Carton	Outer Carton
TS2.5/6/1	2.5 Amp, 6 way	10	100
TS2.5/12/10	2.5 Amp, 12 way – pack of 10	-	100
TSS/6/1	5 Amp, 6 way	10	100
TSS/2x6	5 Amp, 6 way	10	100
TSS/12/10	5 Amp, 12 way – pack of 10	-	100
TS15/6/1	15 Amp, 6 way	10	100
TS15/12/10	15 Amp, 12 way – pack of 10	-	48
TS30/6/1	30 Amp, 6 way	10	100
TS30/12/10	30 Amp, 12 way – pack of 10	-	30
TS60/6/1	60 Amp, 6 way	10	100
TS60/12/10	60 Amp, 12 way – pack of 10	-	20

LUCECO ACADEMY



REWIRES AND RENOVATION

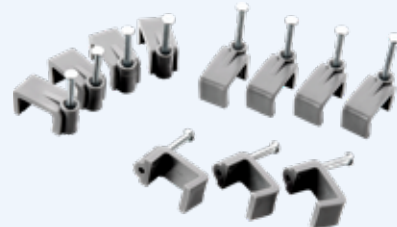
TRAINING AND CPD COURSE



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Twin & Earth Cable Clips

- For fast installations of cables
- Made from impact resistant UV stabilised polypropylene
- Can withstand high impact together with extremes of heat, cold and acid
- Safety nail bends before breaking – hardened and zinc coated
- Temperature range -40°C to +80°C



CCF6/50

Product Code	Description	Colour	Pack Quantity	Inner Carton	Outer Carton
CCF1/50	Twin and Earth Cable Clips – 1mm	Grey	50	10	100
CCF1.5/50	Twin and Earth Cable Clips – 1.5mm	Grey	50	10	100
CCF2.5/50	Twin and Earth Cable Clips – 2.5mm	Grey	50	10	100
CCF4/50	Twin and Earth Cable Clips – 4mm	Grey	50	10	100
CCF6/50	Twin and Earth Cable Clips – 6mm	Grey	50	10	100
CCF10/50	Twin and Earth Cable Clips – 10mm	Grey	50	10	100

Round Cable Clips

- For fast installations of cables
- Made from impact resistant UV stabilised polypropylene
- Can withstand high impact together with extremes of heat, cold and acid
- Safety nail bends before breaking – hardened and zinc coated
- Temperature range -40°C to +80°C
- Moulded in quality virgin material

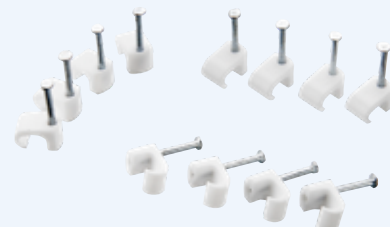


CCR7B/50

Product Code	Description	Colour	Pack Quantity	Inner Carton	Outer Carton
CCR5/50	Round Cable Clips – 5mm	White	50	10	100
CCR6/50	Round Cable Clips – 6mm	White	50	10	100
CCR7/50	Round Cable Clips – 7mm	White	50	10	100
CCR7B/50	Round Cable Clips – 7mm	Black	50	10	100
CCR7BR/50	Round Cable Clips – 7mm	Brown	50	10	100
CCR8/50	Round Cable Clips – 8mm	White	50	10	100
CCR10/50	Round Cable Clips – 10mm	White	50	10	100

Bell Wire Clips

- For fast installations of cables
- Made from impact resistant UV stabilised polypropylene
- Can withstand high impact together with extremes of heat, cold and acid
- Safety nail bends before breaking – hardened and zinc coated
- Temperature range -40°C to +80°C



CCBELL/100

Product Code	Description	Pack Quantity	Inner Carton	Outer Carton
CCBELL/50	Bell Wire Clips	50	10	100

Earth Clamps

- Terminal size A-D (2.5mm²-10mm²)
- Maximum earth conductor 1x 10mm²
- Comply with BS 951



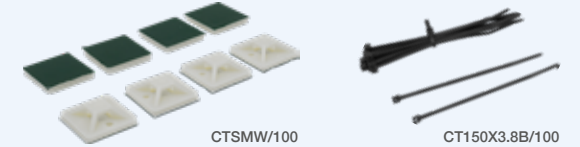
EC141

EC151

Product Code	Description	Colour	Inner Carton	Outer Carton
EC141	Internal 12-32mm	Red	20	200
EC151	External 12-32mm	Blue	20	200

Cable Ties

- Nylon (PA66) cable ties
- Quick and easy to install with high locking & tensile strength
- Continuous operating temperature -40°C to +85°C
- Halogen free, LSF (Low Smoke & Fume)



CTSMW/100

CTLMW/100

Product Code	Description	Colour	Pack Quantity	Inner Carton	Outer Carton
CT100X2.5B/100	Length: 100mm, Width: 2.5mm	Black	100	-	400
CT100X2.5N/100	Length: 100mm, Width: 2.5mm	Natural	100	-	400
CT150X3.8B/100	Length: 150mm, Width: 3.8mm	Black	100	-	200
CT150X3.8N/100	Length: 150mm, Width: 3.8mm	Natural	100	-	200
CT200X2.5N/100	Length: 200mm, Width: 2.5mm	Natural	100	-	150
CT200X4.8B/100	Length: 200mm, Width: 4.8mm	Black	100	-	120
CT200X4.8N/100	Length: 200mm, Width: 4.8mm	Natural	100	-	120
CT200X4.8R/100	Length: 200mm, Width: 4.8mm	Red	100	-	120
CT300X4.8B/100	Length: 300mm, Width: 4.8mm	Black	100	-	100
CT300X4.8N/100	Length: 300mm, Width: 4.8mm	Natural	100	-	100
CT300X4.8R/100	Length: 300mm, Width: 4.8mm	Red	100	-	100
CT370X4.8B/100	Length: 370mm, Width: 4.8mm	Black	100	-	60
CT370X4.8N/100	Length: 370mm, Width: 4.8mm	Natural	100	-	60
CT370X7.6B/100	Length: 370mm, Width: 7.6mm	Black	100	-	40
CT450X8B/100	Length: 450mm, Width: 8mm	Black	100	-	30
CTSMW/100	Small Cable Tie Mount	Natural	100	-	100
CTLMW/100	Large Cable Tie Mount	Natural	100	-	50

Insulation Tape

- Tape Manufactured to BS 60454
- Flame retardant PVC
- Strong and durable



EITBL20/1

EITB20/1

EITYG20/1

Product Code	Description	Colour	Inner Carton	Outer Carton
EITB20/1	19mm x 20m Reel	Black	10	100
EITW20/1	19mm x 20m Reel	White	10	100
EITR20/1	19mm x 20m Reel	Red	10	100
EITYG20/1	19mm x 20m Reel	Yellow/Green	10	100
EITBL20/1	19mm x 20m Reel	Blue	10	100
EITBR20/1	19mm x 20m Reel	Brown	10	100

Cable Glands

- All glands/grommets satisfy IP4X (minimum requirement as per NICEIC Guidelines for all cable entry and exit on horizontal planes)
- Tails glands allow 2 x tails and 1 x earth cable to enter one single entry, whilst being individually sealed
- Both plastic and brass glands acceptable, due to no set regulation on cable entry
- Cable retention, negates requirement for additional tails clamp
- Earth cable entry can be easily blanked
- All products are self-extinguishing
- Glands are vibration resistant
- Halogen free material
- No eddy currents

*Ideal for use with metal consumer units, see page 149

Insert options:



Product Code	Description	(Flat) Cable Acceptance	Material	Outer Carton
CPRGPF20S	Grey plastic gland kit c/w flat cable insert & locknut	1 – 1.5mm ²	Polyamide	40
CPRGPF20	Grey plastic gland kit c/w flat cable insert & locknut	2.5 – 4mm ²	Polyamide	20
CPRGPF252	Grey plastic gland kit c/w flat cable insert, locknut & adaptor	2x 2.5mm ²	Polyamide	40
CPRGPF25	Grey plastic gland kit c/w flat cable insert, locknut & adaptor	6mm ²	Polyamide	40
CPRGPF32	Grey plastic gland kit c/w flat cable insert & locknut	10 – 16mm ²	Polyamide	40
CPRGPT40	Grey plastic tails kit c/w multiple inserts, locknut & blanking insert	2x 25mm ² , 1x 16mm ²	Polyamide	40
CPRGPT40A	Grey plastic tails kit c/w adaptor, multiple inserts, locknut & blanking insert	2x 25mm ² , 1x 16mm ²	Polyamide	20
CPRGPT32	Grey plastic tails kit c/w multiple inserts, locknut & blanking insert	2x 16mm ² , 1x 16mm ²	Polyamide	40
CPRGBF20S	Brass gland kit c/w flat cable insert, locknut	1 – 1.5mm ²	Nickel Plated Brass	30
CPRGBF20	Brass gland kit c/w flat cable insert, locknut	2.5 – 4mm ²	Nickel Plated Brass	30
CPRGBF252	Brass gland kit c/w flat cable insert, locknut & reducer	2x 2.5mm ²	Nickel Plated Brass	30
CPRGBF25	Brass gland kit c/w flat cable insert, locknut & reducer	6mm ²	Nickel Plated Brass	30
CPRGBF32	Brass gland kit c/w flat cable insert & locknut	10 – 16mm ²	Nickel Plated Brass	30
CPRGBT40	Brass tails kit c/w multiple inserts, locknut & blanking insert	2x 25mm ² , 1x 16mm ²	Nickel Plated Brass	30
CPRGBT40A	Brass tails kit c/w adaptor, multiple inserts, locknut & blanking insert	2x 25mm ² , 1x 16mm ²	Nickel Plated Brass	30
CPRGBT32	Brass tails kit c/w multiple inserts, locknut & blanking insert	2x 16mm ² , 1x 16mm ²	Nickel Plated Brass	30
CPRGMGR	10x M20, 3x M32 semi-blind grommets	1 – 25mm ²	TPE, Flame Retardant	10

Mains Powered Door Chimes

- Mains Powered, 230VAC
- Mechanical "Ding Dong" sound
- Built in transformer
- 80dB sound output
- Wall mounted, fixings supplied
- Bell pushes for use with MDC1 chime unit



Product Code	Description	Wiring Type	Inner Carton	Outer Carton
MDC1	Mains door chime	Hard Wired	12	24
MDCPB1	White plastic bell push	Hard Wired	50	100
MDCPB2	Brushed steel bell push	Hard Wired	50	100
MDCPB3	Polished chrome bell push	Hard Wired	50	100
MDCPB5	Black plastic bell push	Hard Wired	50	100



Nexus GRID

MODULAR SYSTEM

Flexibility is at the centre of the Nexus Grid design

With five types of finishes and four different profiles, the range is designed to suit any domestic, commercial, or industrial environment; combining a high-quality finish with quick and easy installation.



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