

Instinct™

WIRING ACCESSORIES

SETTING THE STANDARD

The slim stylish plate style gives the end user a modern sleek design, whilst still remaining robust and reliable. The plate depth is consistent throughout the range even within flex outlet, power and grid solutions, allowing for a clean consistent professional finish. The rear of the product has a distinctive green base with heavily embossed terminal marking for clear terminal identification

Grid System

The Instinct Grid range consists of grid solutions from 1 to 24 gangs in white, Part M and Metalclad. A plethora of power and switch modules are available including 10A, 10AX, 20A, 20AX, fused connection units, LED, cord outlets, blanks, printed switches and keystone data.

For commercial solutions all of the grid switches and plates contain a full comprehensive range of Part M and red variants. A vast variety of laser printed variants are available as standard as well as the capability to produce printing to customer requirements.

Metalclad grid plates are coated in a low smoke and fume (LSF) powder coat finish as standard.



LASER PRINTED TO CUSTOMER SPECIFICATIONS



Full contact cable clamp

The first wiring accessory to utilise this technology. The sliding terminal gives a wider and flatter contact area improving safety by greater cable retention, distributed cable pressure and a reduction in the deformation of cable. The no miss terminal adds further safety as incorrect cable positioning is not possible.

In line and upward facing terminals

All terminals are both in line and upward facing allowing the installer a quicker and safer installation as well as the easier positioning of cables, the product does not need to be twisted or turned to access some terminals, reducing the risk of loosening already terminated connections.

Integrated LED

The first truly integrated LED into a rocker. The Instinct LEDs are very neatly and discreetly situated behind the rocker without compromising visibility which is given by a warm glow around the rocker. The feature improves on obtrusive coloured lenses or the compromising of plate integrity of weaker 'thinned' areas.

Secure and flexible grid system

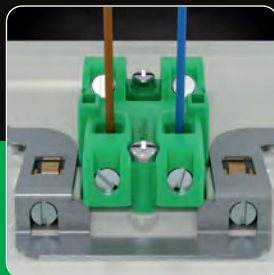
Grid switches are screw mounted into multifunctional grid frames. When rotated 180 degrees the frame changes to an alternative configuration. For example when the 1 gang grid frame is rotated 180 degrees, it can then be used as a 2 gang. The screw connection ensures the switches are firmly secured within the yoke and does not push out especially in larger grid installations 8 gang and upwards.

- Terminals are supplied open, with captive terminal screws ensuring screws are not lost
- All 1 gang products will fit into a one gang back box without having to bend back the north and south lugs, this improves installation time and safety by not damaging the integrity of the back box
- A cable strip length indicator is visible on the base of the product so that the installer can ensure the correct length of conductor is utilised

SOFT CURVES SLIM PLATE SMOOTH STYLE



FULL CONTACT CABLE CLAMP



IN LINE AND UPWARD FACING TERMINALS



INTEGRATED LED



INSTINCT MOULDED GRID SYSTEM



CR2570/18WH



CR2591/WH



CR2571/G

CR2572/G

CR2574/G

GRID PLATES

BS 5733

18 - 24 GANG

CR2570/18WH 18 Gang

CR2570/24WH 24 Gang

ARCHITRAVE GRID PLATES

BS 5733 clause 17, 21

1 - 2 GANG

CR2591/WH 1 Gang

CR2592/WH 2 Gang

- Not compatible with standard grid switches

Architrave grid plates and switches are sold as a complete built up unit comprising of 20A 2 way, double pole or retractive switches.

Contact our technical department with your requirement.

GREY GRID PLATES

BS 5733

1 - 4 GANG

CR2571/G 1 Gang

CR2572/G 2 Gang

CR2573/G 3 Gang

CR2574/G 4 Gang

Dimension 18 Gang

Height 206.3mm

Width 266.6mm

Depth 9mm

Back Box 18 Gang

Flush Box CR2209/18BG

Surface Box Plain CR2209/18PBG

Surface Box with Knockouts CR2209/18BG

Dimension 24 Gang

Height 206.3mm

Width 266.6mm

Depth 9mm

Back Box 24 Gang

Flush Box CR2209/24BG

Surface Box Plain CR2209/24PBG

Surface Box with Knockouts CR2209/24BG

Dimension	1 Gang	2 Gang
Height	86mm	146mm
Width	32mm	32mm
Depth	9mm	9mm

Back Box	1 Gang	2 Gang
Surface Moulded	4005	4006
Flush Galvanised	9257	9258

Dimension	1-2 Gang	3-4 Gang
Height	86mm	86mm
Width	86mm	146mm
Depth	9mm	9mm

Back Box	1-2 Gang	3-4 Gang
Surface Moulded	9047	9048
Flush Galvanised	SB655	SB665
Dry Lining	SB619	SB629





CR2570/BG

GREY METALCLAD GRID PLATES

BS 5733

9-12 GANG

CR2579/BG 9 Gang
CR2570/BG 12 Gang

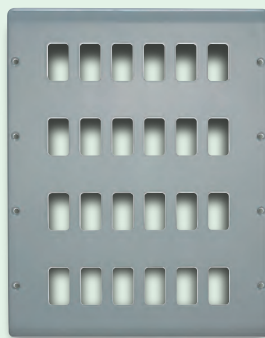
- Low smoke and fume (LSF) powder coat

Dimension 9 & 12 Gang

Height 206.3mm
Width 146mm
Depth 9mm

Back Box 9 & 12 Gang

Flush Box CR2209/BG
Surface Box Plain CR2209/PBG
Surface Box with Knockouts CR2209/BG



CR2570/24BG

GREY METALCLAD GRID PLATES

BS 5733

18-24 GANG

CR2570/18BG 18 Gang
CR2570/24BG 24 Gang

- Low smoke and fume (LSF) powder coat

Dimension 18 Gang

Height 206.3mm
Width 266.6mm
Depth 9mm

Back Box 18 Gang

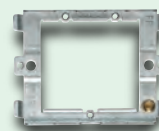
Flush Box CR2209/18BG
Surface Box Plain CR2209/18PBG
Surface Box with Knockouts CR2209/18BG

Dimension 24 Gang

Height 206.3mm
Width 266.6mm
Depth 9mm

Back Box 24 Gang

Flush Box CR2209/24BG
Surface Box Plain CR2209/24PBG
Surface Box with Knockouts CR2209/24BG



CR2912



CR2934



CR2906

GRID YOKE FRAMES

BS 5733

1 - 4 GANG

CR2912 1 & 2 Gang
CR2934 3 & 4 Gang

6 GANG

CR2906 6 Gang





CR2209/PBG



CR2201/BG



CR2203/BG



CR2206/BG



CR2209/BG

SURFACE MOUNTED GRID BOXES

BS 5733

9 - 24 GANG WITH PLAIN SIDES

CR2209/PBG 9 & 12 Gang Surface Box

CR2209/18PBG 18 Gang Surface Box

CR2209/24PBG 24 Gang Surface Box

- Low smoke and fume (LSF) powder coat

Dimension 9 & 12 Gang

Height 203.6mm

Width 146mm

Depth 56mm

Dimension 18 & 24 Gang

Height 266.6mm

Width 206.3mm

Depth 56mm

SURFACE MOUNTED GRID BOXES

BS 5733

1 - 8 GANG WITH KNOCKOUTS

CR2201/BG 1 & 2 Gang Surface Box

CR2203/BG 3 & 4 Gang Surface Box

CR2206/BG 6 & 8 Gang Surface Box

- Low smoke and fume (LSF) powder coat

Dimension 1 & 2 Gang

Height 85.6mm

Width 85.6mm

Depth 40mm

Dimension 3 & 4 Gang

Height 85.6mm

Width 146mm

Depth 40mm

Dimension 6 & 8 Gang

Height 146mm

Width 146mm

Depth 40mm

SURFACE MOUNTED GRID BOXES

BS 5733

9 - 24 GANG WITH KNOCKOUTS

CR2209/BG 9 & 12 Gang Surface Box

CR2209/18BG 18 Gang Surface Box

CR2209/24BG 24 Gang Surface Box

- Low smoke and fume (LSF) powder coat

Dimension 9 & 12 Gang

Height 203.6mm

Width 146mm

Depth 56mm

Dimension 18 & 24 Gang

Height 266.6mm

Width 206.3mm

Depth 56mm



Instinct™

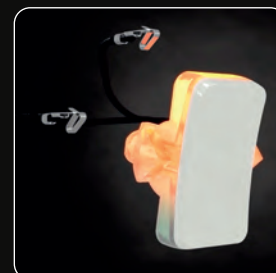
WIRING ACCESSORIES

SETTING THE STANDARD

Part M

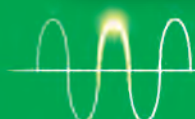
With the largest commercial offering of Part M products the Instinct range has a complete comprehensive range to cater for all requirements of the Part M Building Regulations.

The Part M range portfolio consists of a lighting solution with standard and wide rocker variants in addition to socket outlets with outboard rockers. 20A and 50A Control Switches are also available along with euro data solutions and finally a grid solution that allows for both white and grey switch and plate options. LED indicators are integrated into the rockers and are orange, this colour ensures full clarity away from Red/Green indicators.



Integrated LED

The first truly integrated LED into a rocker. The Instinct LEDs are very neatly and discreetly situated behind the rocker without compromising visibility which is given by a warm glow around the rocker. The feature improves on obtrusive coloured lenses or the compromising of plate integrity of weaker 'thinned' areas.



Crabtree



CR2570/18WH



CR2571/G



CR2572/G



CR2574/G



CR2576/G

GRID PLATES

BS 5733

18 - 24 GANG

CR2570/18WH 18 Gang

CR2570/24WH 24 Gang

Dimension 18 Gang

Height 206.3mm
Width 266.6mm
Depth 9mm

Back Box 18 Gang

Flush Box CR2209/18BG
Surface Box Plain CR2209/18PBG
Surface Box with Knockouts CR2209/18BG

Dimension 24 Gang

Height 206.3mm
Width 266.6mm
Depth 9mm

Back Box 24 Gang

Flush Box CR2209/24BG
Surface Box Plain CR2209/24PBG
Surface Box with Knockouts CR2209/24BG

GREY GRID PLATES

BS 5733

1 - 4 GANG

CR2571/G 1 Gang

CR2572/G 2 Gang

CR2573/G 3 Gang

CR2574/G 4 Gang

Dimension

	1-2 Gang	3-4 Gang
Height	86mm	86mm
Width	86mm	146mm
Depth	9mm	9mm

Back Box

	1-2 Gang	3-4 Gang
Surface Moulded	9047	9048
Flush Galvanised	SB655	SB665
Dry Lining	SB619	SB629

GREY GRID PLATES

BS 5733

6 GANG

CR2576/G 6 Gang

Dimension

Height 146mm
Width 146mm
Depth 9mm

Back Box

Flush Box CR2206
Surface Box Plain CR2206/PBG
Surface Box with Knockouts CR2206/BG





CR2209/PBG



CR2201/BG



CR2203/BG



CR2206/BG



CR2209/BG

SURFACE MOUNTED GRID BOXES

BS 5733

9 - 24 GANG WITH PLAIN SIDES

CR2209/PBG 9 & 12 Gang SurfaceBox

CR2209/18PBG 18 Gang Surface Box

CR2209/24PBG 24 Gang Surface Box

- Low smoke and fume (LSF) powder coat

Dimension 9 & 12 Gang

Height 203.6mm
Width 146mm
Depth 56mm

Dimension 18 & 24 Gang

Height 266.6mm
Width 206.3mm
Depth 56mm

SURFACE MOUNTED GRID BOXES

BS 5733

1 - 8 GANG WITH KNOCKOUTS

CR2201/BG 1 & 2 Gang Surface Box

CR2203/BG 3 & 4 Gang Surface Box

CR2206/BG 6 & 8 Gang Surface Box

- Low smoke and fume (LSF) powder coat

Dimension 1 & 2 Gang

Height 85.6mm
Width 85.6mm
Depth 40mm

Dimension 3 & 4 Gang

Height 85.6mm
Width 146mm
Depth 40mm

Dimension 6 & 8 Gang

Height 146mm
Width 146mm
Depth 40mm

SURFACE MOUNTED GRID BOXES

BS 5733

9 - 24 GANG WITH KNOCKOUTS

CR2209/BG 9 & 12 Gang Surface Box

CR2209/18BG 18 Gang Surface Box

CR2209/24BG 24 Gang Surface Box

- Low smoke and fume (LSF) powder coat

Dimension 9 & 12 Gang

Height 203.6mm
Width 146mm
Depth 56mm

Dimension 18 & 24 Gang

Height 266.6mm
Width 206.3mm
Depth 56mm



20 AMP & 20AX GRID SWITCHES



PRODUCT DESCRIPTION

Instinct grid switches are fully rated to 20 Amp and 20AX for fluorescent or inductive loads. For commercial solutions a full comprehensive range of switches in the range that include, Part M, red rocker, retractive, 2 way and off, push to make or break, key switches and intermediate versions. LEDs are discretely incorporated into the grid rocker switches where applicable. Grid switches are front mounted and screw secured to ensure switches do not become loose. Multifunctional yokes add to on-site flexibility and reduction in stock requirements. Grid plate variations cater from 1 to 24 Gang plate sizes. A vast variety of pre laser printed variants are available as standard as well as the capability to produce to customer requirements

PLATE STYLE

The slim stylish plate style gives the installer and end user a modern sleek design, whilst still remaining robust and reliable. The plate depth is never compromised on products throughout the range even within flex outlet, power and grid solutions, allowing for a clean consistent professional finish.

TECHNICAL SPECIFICATION

Product Standard	BS EN 60669-1
Voltage	250V AC 50Hz
Current Rating	20AX (Fully Rated for Fluorescent loads) 20A (Retractive)
Terminal Capacity: L & N	3 x 2.5mm ² , 2 x 4mm ² , 1 x 6mm ²
Terminal Capacity: E	N/A
Cable Strip Length	10mm
IP Rating	IP2X
LRV Rating	White LRV 74 Metalclad 34 Grey LRV 8 Red LRV 14
Other Marking Standards	CE

PRODUCT SPECIFICATION

BS Torque Requirement L & N	0.8Nm
Recommended Back Box Size	25mm (35mm for 9G and above)
Minimum Back Box Size	25mm
Rocker Material	Urea Formaldehyde with Inherent Antimicrobial Properties (Rocker) Thermoplastic (Base)
Lighting Compatibility	Tungsten Filament Lamps Fluorescent Lamps GU10 or similar hispot Halogen bulbs LED
Contact Gap	3mm
Terminal Screwdriver Type	Slotted
Accessories	Grid Plates See page 48 Grid Boxes See page 58 Grid Yokes CR2912 1 & 2G, CR2934 3 & 4G, CR2906 6G Spare Secret Key CR2940

RANGE PORTFOLIO

Type	Options
Switch Types	Single Pole, Double Pole Retractive, Intermediate, Secret key switch Push to Make, Push to Break
Ways	1 & 2 way, 2 way and off
Rockers	Standard White Rockers Standard Grey Rockers Standard Red Rockers Standard Printed Rockers Standard rockers with LED
Printing	Indelible laser marking Tamper Print

INSTALLER AND USER INTERFACE FEATURES

Secure and flexible grid system

Grid switches are screw mounted into multifunctional grid frames. When rotated 180 degrees the frame changes to an alternative 'gang' solution. For example when the 1 gang grid frame is rotated 180 degrees, it can then be used as a 2 gang. The screw connection ensures the switches are firmly secured within the yoke and do not push out especially in larger grid installations 8 gang and upwards

Upward facing terminals

All terminals are upward facing allowing the installer a quicker and safer installation. As well as the easier positioning of cables, the product does not need to be twisted or turned to access some terminals, reducing the risk of loosening already terminated connections

Customisation

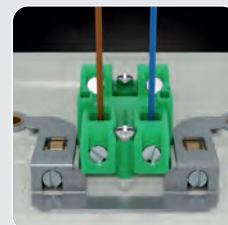
A custom service is available to meet all your printing needs, from basic printing such as 'Dishwasher' to more specific requirements such as company Logos or location references. Printing is undertaken using state of the art laser print technology for a totally indelible marking

Additional Installation and product Benefits

- Full contact safety cable clamp
- Integrated LED
- Terminals are supplied open and are captive
- All 1 Gang products will fit into a one gang back box without having to bend back the north and south lugs
- Terminal screwdriver lead in
- Uniform screwhead sizes
- Strip Length Indicator
- Maximised wiring space

Minimum product performance

- 40,000 switch operations
- 850/650°C Glow wire



In line upward facing terminals