

Uniclass L74 735	EPIC K712
CI/Sfb (62X) (63) X	

The
Hamilton[®]
Collection
excellence and elegance...

electrical wiring accessories • audio and lighting controls



2013 sees Hamilton celebrating 45 years in business. It is still a family owned Company, under the overall direction of its founder Rod Hamilton and his son Ian Hamilton.

A pioneer in the market of decorative plates for switches, sockets and lighting controls, the Company continues to lead the way setting trends in both designs and finishes.

Recent years have seen a shift in fashion from ornate brass to plain, understated, monochromatic styles. At the same time, Hamilton has developed its own range of inserts, broadening its scope from box-fix to grid-fix, Euro-fix and concealed fixing.

Aiming to be a single-source for the specifier and installer, the Company now bases its product development on a "family" theme with new items designed for all versions of each plate, whether box, grid, Euro or concealed fixing.

The latest evolution of product has taken place with the Perception range of transparent plates with concealed fixing and state-of-the-art Mercury Audio Control and Mercury Lighting Control systems.

Thus the company is well placed to move into its 45th year and beyond.



Linea-Rondo CFX Piano Black Range

Quality Concealed Fixing accessories on Smooth Rounded Edge Plates...

Pages 2 – 10



Linea-Rondo CFX Range

Quality Concealed Fixing accessories on Smooth Rounded Edge Plates...

Pages 12 – 35



Linea-Duo CFX Range

Quality Concealed Fixing accessories on Minimalist Straight Edge Plates...

Pages 36 – 59



Linea-Scala CFX Range

Quality Concealed Fixing accessories on Delicate Stepped Edge Plates...

Pages 60 – 83



Linea-Perlina CFX Range

Quality Concealed Fixing accessories on Beaded Edge Plates...

Pages 84 – 97



Linea-Georgian CFX Range

Quality Concealed Fixing accessories on Georgian Rope Edge Plates...

Pages 98 – 111



Mercury Audio Control

Bespoke Audio and Data Control System...

Pages 112 – 113



Mercury Lighting Control

Bespoke Lighting Control System...

Pages 114 – 115



Savile Row

Bespoke Electrical Wiring Accessories Tailor Made to your requirements.

Pages 116 – 121



GRID-IT Modules

A comprehensive range of quality Grid Fix Modules and Plates...

Pages 122 – 133



EuroFix Modules

A comprehensive range of Data and Media Modules and Plates...

Pages 134 – 139



Hartland Range

Quality accessories on Super Slim Plates...

Pages 140 – 159



Hartland CFX Range

Quality Concealed Fixing accessories on Super Slim Plates...

Pages 160 – 179



Hartland CFX Colours

Concealed Fixing accessories on Super Slim Coloured Plastic...

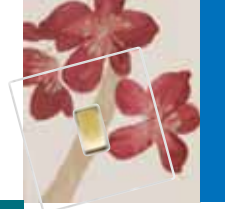
Pages 180 – 187



Perception CFX Range

Quality Concealed Fixing accessories on Subtle Transparent Plates that blend perfectly with any decor...

Pages 188 – 203



Sheer Range

Quality accessories on Stylish Flat plates...

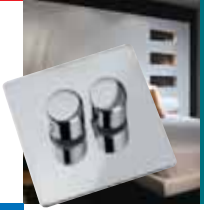
Pages 204 – 223



Sheer CFX Range

Quality Concealed Fixing accessories on Stylish Flat Plates...

Pages 224 – 243



Sheer Floor Socket Range

Quality Floor Sockets on Stylish Flat Plates...

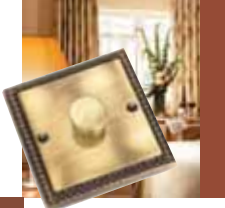
Pages 244 – 249



Cheriton Range

Quality accessories on Georgian and Victorian style plates...

Pages 250 – 269



Bloomsbury Range

Antique style Plain and Fluted Toggle Switches on Natural Wood Plinth Plates...

Pages 270 – 275



Woods Range

Quality accessories on Natural Wood Finish Plates...

Pages 276 – 293



White Plastic Dimmer Switches

Pages 294 – 295



ICDM1000 1000W Ceiling Dimmer

Pages 296 – 297



Lighting Ancillaries

Electronic Transformers and Dimmable LED Drivers

Pages 298 – 301



Perfect Partners & Giara Martellato CFX Range

Concealed Fixing accessories with complementary Door Handles...

Pages 302 – 311



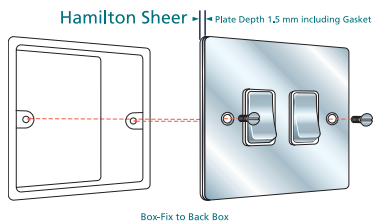
Technical Specifications

Pages 312 – 336

Quality Accessories on Stylish Flat Plates

Sheer's minimalist flat plate switches and sockets meld seamlessly into modern interiors. This modern and elegant range is available in nine fantastic finishes and by mixing box fix with grid and concealed fixing in this range, allows it to be very flexible for different areas of a project and costs can be minimised without losing continuity of design.

- Minimalist, modern flat plate
- Nine fantastic finishes
- Standard box-fix electrical accessories
- Grid Fix and Euro Fix options also available (see separate GRID-IT and EuroFix sections)



87 2X40



81 T22



89 SPN AB-B



83 SS1 BC-W



84 1X40



8P R22 PO-W

Rocker Switches



89 R21 AB-B

Insert Surround Colour



1 gang 10AX 2 way Rocker

Nominal Plate Size: 86 x 86 mm

Minimum Wall Box Depth: 25 mm

Technical Insert Reference: R21

Product Code



2 gang 10AX 2 way Rocker

Nominal Plate Size: 86 x 86 mm

Minimum Wall Box Depth: 25 mm

Technical Insert Reference: R22

Product Code



3 gang 10AX 2 way Rocker

Nominal Plate Size: 86 x 86 mm

Minimum Wall Box Depth: 25 mm

Technical Insert Reference: R23

Product Code



4 gang 10AX 2 way Rocker

Nominal Plate Size: 146 x 86 mm

Minimum Wall Box Depth: 25 mm

Technical Insert Reference: R24

Product Code



6 gang 10AX 2 way Rocker

Nominal Plate Size: 146 x 86 mm

Minimum Wall Box Depth: 25 mm

Technical Insert Reference: R26

Product Code










Plate Finish	Insert Finish	White	Black	White	Black	White	Black	White	Black	White	Black
	Bright Chrome Bright Chrome White Plastic Black Plastic	White Black White Black	87 R21 BC-W 87 R21 BC-B 87 R21 WH-W 87 R21 BL-B	87 R22 BC-W 87 R22 BC-B 87 R22 WH-W 87 R22 BL-B	87 R23 BC-W 87 R23 BC-B 87 R23 WH-W 87 R23 BL-B	87 R24 BC-W 87 R24 BC-B 87 R24 WH-W 87 R24 BL-B	87 R26 BC-W 87 R26 BC-B 87 R26 WH-W 87 R26 BL-B				
	Satin Chrome Satin Chrome White Plastic Black Plastic	White Black White Black	86 R21 SC-W 86 R21 SC-B 86 R21 WH-W 86 R21 BL-B	86 R22 SC-W 86 R22 SC-B 86 R22 WH-W 86 R22 BL-B	86 R23 SC-W 86 R23 SC-B 86 R23 WH-W 86 R23 BL-B	86 R24 SC-W 86 R24 SC-B 86 R24 WH-W 86 R24 BL-B	86 R26 SC-W 86 R26 SC-B 86 R26 WH-W 86 R26 BL-B				
	Polished Brass Polished Brass White Plastic Black Plastic	White Black White Black	81 R21 PB-W 81 R21 PB-B 81 R21 WH-W 81 R21 BL-B	81 R22 PB-W 81 R22 PB-B 81 R22 WH-W 81 R22 BL-B	81 R23 PB-W 81 R23 PB-B 81 R23 WH-W 81 R23 BL-B	81 R24 PB-W 81 R24 PB-B 81 R24 WH-W 81 R24 BL-B	81 R26 PB-W 81 R26 PB-B 81 R26 WH-W 81 R26 BL-B				
	Satin Brass Satin Brass White Plastic Black Plastic	White Black White Black	82 R21 SB-W 82 R21 SB-B 82 R21 WH-W 82 R21 BL-B	82 R22 SB-W 82 R22 SB-B 82 R22 WH-W 82 R22 BL-B	82 R23 SB-W 82 R23 SB-B 82 R23 WH-W 82 R23 BL-B	82 R24 SB-W 82 R24 SB-B 82 R24 WH-W 82 R24 BL-B	82 R26 SB-W 82 R26 SB-B 82 R26 WH-W 82 R26 BL-B				
	Antique Brass	Black	89 R21 AB-B	89 R22 AB-B	89 R23 AB-B	89 R24 AB-B	89 R26 AB-B				
	Bright Chrome Bright Chrome	White Black	83 R21 BC-W 83 R21 BC-B	83 R22 BC-W 83 R22 BC-B	83 R23 BC-W 83 R23 BC-B	83 R24 BC-W 83 R24 BC-B	83 R26 BC-W 83 R26 BC-B				
	Satin Stainless Satin Stainless White Plastic Black Plastic	White Black White Black	84 R21 SS-W 84 R21 SS-B 84 R21 WH-W 84 R21 BL-B	84 R22 SS-W 84 R22 SS-B 84 R22 WH-W 84 R22 BL-B	84 R23 SS-W 84 R23 SS-B 84 R23 WH-W 84 R23 BL-B	84 R24 SS-W 84 R24 SS-B 84 R24 WH-W 84 R24 BL-B	84 R26 SS-W 84 R26 SS-B 84 R26 WH-W 84 R26 BL-B				
	Black Nickel	Black	88 R21 BK-B	88 R22 BK-B	88 R23 BK-B	88 R24 BK-B	88 R26 BK-B				
	Pearl Oyster	White	8P R21 PO-W	8P R22 PO-W	8P R23 PO-W	8P R24 PO-W	8P R26 PO-W				

Rocker Switches



87 R31 BC-W








Plate Finish	Insert Finish	Insert Surround Colour	1 gang 10AX Intermediate Rocker Nominal Plate Size: 86 x 86 mm Minimum Wall Box Depth: 25 mm Technical Insert Reference: R31 Product Code	2 gang 10AX Intermediate Rocker Nominal Plate Size: 86 x 86 mm Minimum Wall Box Depth: 25 mm Technical Insert Reference: R32 Product Code	1 gang 10AX Push To Make Retractive Rocker Nominal Plate Size: 86 x 86 mm Minimum Wall Box Depth: 25 mm Technical Insert Reference: RRT Product Code	1 gang 10A Triple Pole Rocker Nominal Plate Size: 86 x 86 mm Minimum Wall Box Depth: 25 mm Technical Insert Reference: TP Product Code
Bright Chrome 	Bright Chrome Bright Chrome White Plastic Black Plastic	White Black White Black	87 R31 BC-W 87 R31 BC-B 87 R31 WH-W 87 R31 BL-B	87 R32 BC-W 87 R32 BC-B 87 R32 WH-W 87 R32 BL-B	87 RRT BC-W 87 RRT BC-B 87 RRT WH-W 87 RRT BL-B	- - 87 TP WH-W 87 TP BL-B
Satin Chrome 	Satin Chrome Satin Chrome White Plastic Black Plastic	White Black White Black	86 R31 SC-W 86 R31 SC-B 86 R31 WH-W 86 R31 BL-B	86 R32 SC-W 86 R32 SC-B 86 R32 WH-W 86 R32 BL-B	86 RRT SC-W 86 RRT SC-B 86 RRT WH-W 86 RRT BL-B	- - 86 TP WH-W 86 TP BL-B
Polished Brass 	Polished Brass Polished Brass White Plastic Black Plastic	White Black White Black	81 R31 PB-W 81 R31 PB-B 81 R31 WH-W 81 R31 BL-B	81 R32 PB-W 81 R32 PB-B 81 R32 WH-W 81 R32 BL-B	81 RRT PB-W 81 RRT PB-B 81 RRT WH-W 81 RRT BL-B	- - 81 TP WH-W 81 TP BL-B
Satin Brass 	Satin Brass Satin Brass White Plastic Black Plastic	White Black White Black	82 R31 SB-W 82 R31 SB-B 82 R31 WH-W 82 R31 BL-B	82 R32 SB-W 82 R32 SB-B 82 R32 WH-W 82 R32 BL-B	82 RRT SB-W 82 RRT SB-B 82 RRT WH-W 82 RRT BL-B	- - 82 TP WH-W 82 TP BL-B
Antique Brass 	Antique Brass	Black	89 R31 AB-B	-	-	89 TP BL-B
Bright Stainless 	Bright Chrome Bright Chrome White Plastic Black Plastic	White Black White Black	83 R31 BC-W 83 R31 BC-B - -	83 R32 BC-W 83 R32 BC-B - -	83 RRT BC-W 83 RRT BC-B - -	- - 83 TP WH-W 83 TP BL-B
Satin Stainless 	Satin Stainless Satin Stainless White Plastic Black Plastic	White Black White Black	84 R31 SS-W 84 R31 SS-B 84 R31 WH-W 84 R31 BL-B	84 R32 SS-W 84 R32 SS-B 84 R32 WH-W 84 R32 BL-B	84 RRT SS-W 84 RRT SS-B 84 RRT WH-W 84 RRT BL-B	- - 84 TP WH-W 84 TP BL-B
Black Nickel 	Black Nickel	Black	88 R31 BK-B	-	-	88 TP BL-B
Pearl Oyster 	Pearl Oyster	White	8P R31 PO-W	-	-	8P TP WH-W

Toggle Switches



81 T22



Plate Finish	Insert Finish	Product Code	Product Code	Product Code	Product Code	Product Code	Product Code	Product Code
Bright Chrome 	Bright Chrome	87 T21	87 T22	87 T23	87 T24	87 T31	87 TDP	87 TRT
Satin Chrome 	Satin Chrome	86 T21	86 T22	86 T23	86 T24	86 T31	86 TDP	86 TRT
Polished Brass 	Polished Brass	81 T21	81 T22	81 T23	81 T24	81 T31	81 TDP	81 TRT
Satin Brass 	Satin Brass	82 T21	82 T22	82 T23	82 T24	82 T31	82 TDP	82 TRT
Antique Brass 	Antique Brass	89 T21	89 T22	89 T23	89 T24	89 T31	89 TDP	89 TRT
Bright Stainless 	Bright Chrome	83 T21	83 T22	83 T23	83 T24	83 T31	83 TDP	83 TRT
Satin Stainless 	Satin Stainless	84 T21	84 T22	84 T23	84 T24	84 T31	84 TDP	84 TRT
Black Nickel 	Black Nickel	88 T21	88 T22	88 T23	88 T24	88 T31	88 TDP	88 TRT
Pearl Oyster 	Pearl Oyster	8P T21	8P T22	8P T23	8P T24	8P T31	8P TDP	8P TRT

Power Sockets

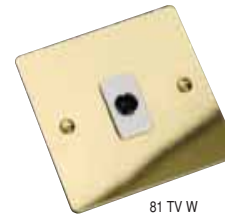


88 SS1 BK-B



Plate Finish	Insert Finish	Insert Surround Colour	1 gang 13A Double Pole Switched Socket Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: SS1 Product Code	2 gang 13A Double Pole Switched Socket Nom. Plate Size: 146 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: SS2 Product Code	1 gang 2A Unswitched Socket Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: US2 Product Code	1 gang 5A Unswitched Socket Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: US5 Product Code	1 gang 13A Unswitched Socket Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: US13 Product Code	2 gang 13A Unswitched Socket Nom. Plate Size: 146 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: US99 Product Code	Shaver Dual Voltage Unswitched Socket Nom. Plate Size: 86 x 146 mm Min. Wall Box Depth: 47 mm Technical Insert Reference: SHS Product Code
Bright Chrome	Bright Chrome Bright Chrome White Plastic Black Plastic	White Black White Black	87 SS1 BC-W 87 SS1 BC-B 87 SS1 WH-W 87 SS1 BL-B	87 SS2 BC-W 87 SS2 BC-B 87 SS2 WH-W 87 SS2 BL-B	- - 87 US2 W 87 US2 B	- - 87 US5 W 87 US5 B	- - 87 US13 W 87 US13 B	- - 87 US99 W 87 US99 B	- - 87 SHS W 87 SHS B
Satin Chrome	Satin Chrome Satin Chrome White Plastic Black Plastic	White Black White Black	86 SS1 SC-W 86 SS1 SC-B 86 SS1 WH-W 86 SS1 BL-B	86 SS2 SC-W 86 SS2 SC-B 86 SS2 WH-W 86 SS2 BL-B	- - 86 US2 W 86 US2 B	- - 86 US5 W 86 US5 B	- - 86 US13 W 86 US13 B	- - 86 US99 W 86 US99 B	- - 86 SHS W 86 SHS B
Polished Brass	Polished Brass Polished Brass White Plastic Black Plastic	White Black White Black	81 SS1 PB-W 81 SS1 PB-B 81 SS1 WH-W 81 SS1 BL-B	81 SS2 PB-W 81 SS2 PB-B 81 SS2 WH-W 81 SS2 BL-B	- - 81 US2 W 81 US2 B	- - 81 US5 W 81 US5 B	- - 81 US13 W 81 US13 B	- - 81 US99 W 81 US99 B	- - 81 SHS W 81 SHS B
Satin Brass	Satin Brass Satin Brass White Plastic Black Plastic	White Black White Black	82 SS1 SB-W 82 SS1 SB-B 82 SS1 WH-W 82 SS1 BL-B	82 SS2 SB-W 82 SS2 SB-B 82 SS2 WH-W 82 SS2 BL-B	- - 82 US2 W 82 US2 B	- - 82 US5 W 82 US5 B	- - 82 US13 W 82 US13 B	- - 82 US99 W 82 US99 B	- - 82 SHS W 82 SHS B
Antique Brass	Antique Brass Black Plastic Black	Black Black	89 SS1 AB-B -	89 SS2 AB-B -	- 89 US2 B	- 89 US5 B	- 89 US13 B	- 89 US99 B	- 89 SHS B
Bright Stainless	Bright Chrome Bright Chrome White Plastic Black Plastic	White Black White Black	83 SS1 BC-W 83 SS1 BC-B -	83 SS2 BC-W 83 SS2 BC-B -	- 83 US2 W 83 US2 B	- 83 US5 W 83 US5 B	- 83 US13 W 83 US13 B	- 83 US99 W 83 US99 B	- 83 SHS W 83 SHS B
Satin Stainless	Satin Stainless Satin Stainless White Plastic Black Plastic	White Black White Black	84 SS1 SS-W 84 SS1 SS-B 84 SS1 WH-W 84 SS1 BL-B	84 SS2 SS-W 84 SS2 SS-B 84 SS2 WH-W 84 SS2 BL-B	- - 84 US2 W 84 US2 B	- - 84 US5 W 84 US5 B	- - 84 US13 W 84 US13 B	- - 84 US99 W 84 US99 B	- - 84 SHS W 84 SHS B
Black Nickel	Black Nickel Black Plastic Black	Black Black	88 SS1 BK-B -	88 SS2 BK-B -	- 88 US2 B	- 88 US5 B	- -	- -	- 88 SHS B
Pearl Oyster	Pearl Oyster White Plastic White	White White	8P SS1 PO-W -	8P SS2 PO-W -	- 8P US2 W	- 8P US5 W	- -	- -	- 8P SHS W

Television Coaxial Sockets



81 TV W



Plate Finish	Insert Colour	1 gang Non Isolated TV 1 In/1 Out Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 25 mm Technical Insert Reference: TV Product Code	2 gang Non Isolated TV 2 In/2 Out Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 25 mm Technical Insert Reference: TV2 Product Code	Isolated TV/FM Diplexer 1 In/2 Out Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 25 mm Technical Insert Reference: TVFM Product Code	1 gang Isolated TV 1 In/1 Out Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 25 mm Technical Insert Reference: TVI Product Code	2 gang Non Isolated TV + Satellite 2 In/2 Out Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: TVSAT Product Code	1 gang Non Isolated Satellite Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: SATN Product Code	1 gang Isolated Satellite Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: SATI Product Code
Bright Chrome	White Plastic Black Plastic	87 TV W 87 TV B	87 TV2 W 87 TV2 B	87 TVFM W 87 TVFM B	87 TVI W 87 TVI B	87 TVSAT W 87 TVSAT B	87 SATN W 87 SATN B	87 SATI W 87 SATI B
Satin Chrome	White Plastic Black Plastic	86 TV W 86 TV B	86 TV2 W 86 TV2 B	86 TVFM W 86 TVFM B	86 TVI W 86 TVI B	86 TVSAT W 86 TVSAT B	86 SATN W 86 SATN B	86 SATI W 86 SATI B
Polished Brass	White Plastic Black Plastic	81 TV W 81 TV B	81 TV2 W 81 TV2 B	81 TVFM W 81 TVFM B	81 TVI W 81 TVI B	81 TVSAT W 81 TVSAT B	81 SATN W 81 SATN B	81 SATI W 81 SATI B
Satin Brass	White Plastic Black Plastic	82 TV W 82 TV B	82 TV2 W 82 TV2 B	82 TVFM W 82 TVFM B	82 TVI W 82 TVI B	82 TVSAT W 82 TVSAT B	82 SATN W 82 SATN B	82 SATI W 82 SATI B
Antique Brass	Black Plastic	89 TV B	89 TV2 B	89 TVFM B	89 TVI B	89 TVSAT B	89 SATN B	89 SATI B
Bright Stainless	White Plastic Black Plastic	83 TV W 83 TV B	83 TV2 W 83 TV2 B	83 TVFM W 83 TVFM B	83 TVI W 83 TVI B	83 TVSAT W 83 TVSAT B	83 SATN W 83 SATN B	83 SATI W 83 SATI B
Satin Stainless	White Plastic Black Plastic	84 TV W 84 TV B	84 TV2 W 84 TV2 B	84 TVFM W 84 TVFM B	84 TVI W 84 TVI B	84 TVSAT W 84 TVSAT B	84 SATN W 84 SATN B	84 SATI W 84 SATI B
Black Nickel	Black Plastic	88 TV B	88 TV2 B	88 TVFM B	88 TVI B	88 TVSAT B	88 SATN B	88 SATI B
Pearl Oyster	White Plastic	8P TV W	8P TV2 W	8P TVFM W	8P TVI W	8P TVSAT W	8P SATN W	8P SATI W

Digital Television Sockets - Screened Non Isolated - DAB Compatible



83 DTRID W



Plate Finish	Insert Colour	Non Isolated TV/FM/Satellite Triplexer 1In/3 Out Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: DTRID Product Code	1 gang Non Isolated TV (Female) Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: DTVF Product Code	1 gang Non Isolated TV (Male) Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: DTVM Product Code	1 gang Non Isolated Satellite Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: DSAT Product Code	Non Isolated TV/FM/Satellite 1/Satellite 2 Quadplexer 2 In/4 Out Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: DENT Product Code	Non Isolated TV/FM/Satellite 1/Satellite 2 Quadplexer 2 In/4 Out + TVF + TCS Nom. Plate Size: 146 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: DSAT+ Product Code
Bright Chrome	White Plastic Black Plastic	87 DTRID W 87 DTRID B	87 DTVF W 87 DTVF B	87 DTVM W 87 DTVM B	87 DSAT W 87 DSAT B	87 DENT W 87 DENT B	87 DSAT+ W 87 DSAT+ B
Satin Chrome	White Plastic Black Plastic	86 DTRID W 86 DTRID B	86 DTVF W 86 DTVF B	86 DTVM W 86 DTVM B	86 DSAT W 86 DSAT B	86 DENT W 86 DENT B	86 DSAT+ W 86 DSAT+ B
Polished Brass	White Plastic Black Plastic	81 DTRID W 81 DTRID B	81 DTVF W 81 DTVF B	81 DTVM W 81 DTVM B	81 DSAT W 81 DSAT B	81 DENT W 81 DENT B	81 DSAT+ W 81 DSAT+ B
Satin Brass	White Plastic Black Plastic	82 DTRID W 82 DTRID B	82 DTVF W 82 DTVF B	82 DTVM W 82 DTVM B	82 DSAT W 82 DSAT B	82 DENT W 82 DENT B	82 DSAT+ W 82 DSAT+ B
Antique Brass	Black Plastic	89 DTRID B	89 DTVF B	89 DTVM B	89 DSAT B	89 DENT B	89 DSAT+ B
Bright Stainless	White Plastic Black Plastic	83 DTRID W 83 DTRID B	83 DTVF W 83 DTVF B	83 DTVM W 83 DTVM B	83 DSAT W 83 DSAT B	83 DENT W 83 DENT B	83 DSAT+ W 83 DSAT+ B
Satin Stainless	White Plastic Black Plastic	84 DTRID W 84 DTRID B	84 DTVF W 84 DTVF B	84 DTVM W 84 DTVM B	84 DSAT W 84 DSAT B	84 DENT W 84 DENT B	84 DSAT+ W 84 DSAT+ B
Black Nickel	Black Plastic	88 DTRID B	88 DTVF B	88 DTVM B	88 DSAT B	88 DENT B	88 DSAT+ B
Pearl Oyster	White Plastic	8P DTRID W	8P DTVF W	8P DTVM W	8P DSAT W	8P DENT W	8P DSAT+ W

Telephone and Data Outlets



82 TCM W



Plate Finish	Insert Colour	1 gang Telephone Master Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 25 mm Technical Insert Reference: TCM Product Code	1 gang Telephone Slave Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 25 mm Technical Insert Reference: TCS Product Code	1 gang RJ12 Outlet Unshielded Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: J12 Product Code	2 gang RJ12 Outlet Unshielded Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: 2J12 Product Code	1 gang RJ45 CAT 5E Outlet Unshielded Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: J45 Product Code	2 gang RJ45 CAT 5E Outlet Unshielded Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: 2J45 Product Code
Bright Chrome	White Plastic Black Plastic	87 TCM W 87 TCM B	87 TCS W 87 TCS B	87 J12 W 87 J12 B	87 2J12 W 87 2J12 B	87 J45 W 87 J45 B	87 2J45 W 87 2J45 B
Satin Chrome	White Plastic Black Plastic	86 TCM W 86 TCM B	86 TCS W 86 TCS B	86 J12 W 86 J12 B	86 2J12 W 86 2J12 B	86 J45 W 86 J45 B	86 2J45 W 86 2J45 B
Polished Brass	White Plastic Black Plastic	81 TCM W 81 TCM B	81 TCS W 81 TCS B	81 J12 W 81 J12 B	81 2J12 W 81 2J12 B	81 J45 W 81 J45 B	81 2J45 W 81 2J45 B
Satin Brass	White Plastic Black Plastic	82 TCM W 82 TCM B	82 TCS W 82 TCS B	82 J12 W 82 J12 B	82 2J12 W 82 2J12 B	82 J45 W 82 J45 B	82 2J45 W 82 2J45 B
Antique Brass	Black Plastic	89 TCM B	89 TCS B	89 J12 B	89 2J12 B	89 J45 B	89 2J45 B
Bright Stainless	White Plastic Black Plastic	83 TCM W 83 TCM B	83 TCS W 83 TCS B	83 J12 W 83 J12 B	83 2J12 W 83 2J12 B	83 J45 W 83 J45 B	83 2J45 W 83 2J45 B
Satin Stainless	White Plastic Black Plastic	84 TCM W 84 TCM B	84 TCS W 84 TCS B	84 J12 W 84 J12 B	84 2J12 W 84 2J12 B	84 J45 W 84 J45 B	84 2J45 W 84 2J45 B
Black Nickel	Black Plastic	88 TCM B	88 TCS B	88 J12 B	88 2J12 B	88 J45 B	88 2J45 B
Pearl Oyster	White Plastic	8P TCM W	8P TCS W	8P J12 W	8P 2J12 W	8P J45 W	8P 2J45 W

Double Pole Switches



86 45N W



Plate Finish	Insert Finish	Insert Surround Colour	1 gang 20AX Double Pole Rocker Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: DP Product Code	1 gang 20AX Double Pole Rocker + Neon Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: DPN Product Code	1 gang 20AX Double Pole Rocker + Neon + Cable Outlet Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: DPNC Product Code	1 gang 45A Double Pole Rocker Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: 45 Product Code	1 gang 45A Double Pole Rocker + Neon Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: 45N Product Code	1 gang 45A Double Pole Rocker + Neon Vertical Mounted Nom. Plate Size: 86 x 146 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: 45V Product Code	45A Double Pole Rocker + Neon + 13A Switched Socket Nom. Plate Size: 146 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: 45SS1 Product Code
Bright Chrome	Bright Chrome	White	87 DP BC-W	87 DPN BC-W	87 DPNC BC-W	-	-	-	87 45SS1 BC-W
	Bright Chrome	Black	87 DP BC-B	87 DPN BC-B	87 DPNC BC-B	-	-	-	87 45SS1 BC-B
	White Plastic	White	87 DP WH-W	87 DPN WH-W	87 DPNC WH-W	-	-	-	87 45SS1 WH-W
	Black Plastic	Black	87 DP BL-B	87 DPN BL-B	87 DPNC BL-B	-	-	-	87 45SS1 BL-B
	Red Plastic	White	-	-	-	87 45 W	87 45N W	87 45V W	-
	Red Plastic	Black	-	-	-	87 45 B	87 45N B	87 45V B	-
Satin Chrome	Satin Chrome	White	86 DP SC-W	86 DPN SC-W	86 DPNC SC-W	-	-	-	86 45SS1 SC-W
	Satin Chrome	Black	86 DP SC-B	86 DPN SC-B	86 DPNC SC-B	-	-	-	86 45SS1 SC-B
	White Plastic	White	86 DP WH-W	86 DPN WH-W	86 DPNC WH-W	-	-	-	86 45SS1 WH-W
	Black Plastic	Black	86 DP BL-B	86 DPN BL-B	86 DPNC BL-B	-	-	-	86 45SS1 BL-B
	Red Plastic	White	-	-	-	86 45 W	86 45N W	86 45V W	-
	Red Plastic	Black	-	-	-	86 45 B	86 45N B	86 45V B	-
Polished Brass	Polished Brass	White	81 DP PB-W	81 DPN PB-W	81 DPNC PB-W	-	-	-	81 45SS1 PB-W
	Polished Brass	Black	81 DP PB-B	81 DPN PB-B	81 DPNC PB-B	-	-	-	81 45SS1 PB-B
	White Plastic	White	81 DP WH-W	81 DPN WH-W	81 DPNC WH-W	-	-	-	81 45SS1 WH-W
	Black Plastic	Black	81 DP BL-B	81 DPN BL-B	81 DPNC BL-B	-	-	-	81 45SS1 BL-B
	Red Plastic	White	-	-	-	81 45 W	81 45N W	81 45V W	-
	Red Plastic	Black	-	-	-	81 45 B	81 45N B	81 45V B	-
Satin Brass	Satin Brass	White	82 DP SB-W	82 DPN SB-W	82 DPNC SB-W	-	-	-	82 45SS1 SB-W
	Satin Brass	Black	82 DP SB-B	82 DPN SB-B	82 DPNC SB-B	-	-	-	82 45SS1 SB-B
	White Plastic	White	82 DP WH-W	82 DPN WH-W	82 DPNC WH-W	-	-	-	82 45SS1 WH-W
	Black Plastic	Black	82 DP BL-B	82 DPN BL-B	82 DPNC BL-B	-	-	-	82 45SS1 BL-B
	Red Plastic	White	-	-	-	82 45 W	82 45N W	82 45V W	-
	Red Plastic	Black	-	-	-	82 45 B	82 45N B	82 45V B	-
Antique Brass	Antique Brass	Black	-	89 DPN AB-B	-	-	-	-	89 45SS1 AB-B
	Red Plastic	Black	-	-	-	89 45 B	89 45N B	-	-
Bright Stainless	Bright Chrome	White	83 DP BC-W	83 DPN BC-W	83 DPNC BC-W	-	-	-	83 45SS1 BC-W
	Bright Chrome	Black	83 DP BC-B	83 DPN BC-B	83 DPNC BC-B	-	-	-	83 45SS1 BC-B
	White Plastic	White	-	-	-	83 45 W	83 45N W	83 45V W	-
	Red Plastic	Black	-	-	-	83 45 B	83 45N B	83 45V B	-
Satin Stainless	Satin Stainless	White	84 DP SS-W	84 DPN SS-W	84 DPNC SS-W	-	-	-	84 45SS1 SS-W
	Satin Stainless	Black	84 DP SS-B	84 DPN SS-B	84 DPNC SS-B	-	-	-	84 45SS1 SS-B
	White Plastic	White	84 DP WH-W	84 DPN WH-W	84 DPNC WH-W	-	-	-	84 45SS1 WH-W
	Black Plastic	Black	84 DP BL-B	84 DPN BL-B	84 DPNC BL-B	-	-	-	84 45SS1 BL-B
	Red Plastic	White	-	-	-	84 45 W	84 45N W	84 45V W	-
	Red Plastic	Black	-	-	-	84 45 B	84 45N B	84 45V B	-
Black Nickel	Black Nickel	Black	-	88 DPN BK-B	-	-	-	-	88 45SS1 BK-B
	Red Plastic	Black	-	-	-	88 45 B	88 45N B	-	-
Pearl Oyster	Pearl Oyster	White	-	8P DPN PO-W	-	-	-	-	8P 45SS1 PO-W
	Red Plastic	White	-	-	-	8P 45 W	8P 45N W	-	-

Connection Units



83 SPNC BC-W

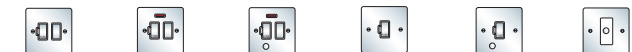


Plate Finish	Insert Finish	Insert Surround Colour	1 gang 13A Double Pole Fused Spur Nominal Plate Size: 86 x 86 mm Minimum Wall Box Depth: 35 mm Technical Insert Reference: SP Product Code	1 gang 13A Double Pole Fused Spur + Neon Nominal Plate Size: 86 x 86 mm Minimum Wall Box Depth: 35 mm Technical Insert Reference: SPN Product Code	1 gang 13A Double Pole Fused Spur + Neon + Cable Outlet Nominal Plate Size: 86 x 86 mm Minimum Wall Box Depth: 35 mm Technical Insert Reference: SPNC Product Code	1 gang 13A Fuse Only Nominal Plate Size: 86 x 86 mm Minimum Wall Box Depth: 35 mm Technical Insert Reference: FO Product Code	1 gang 13A Fuse Only + Cable Outlet Nominal Plate Size: 86 x 86 mm Minimum Wall Box Depth: 35 mm Technical Insert Reference: FOC Product Code	1 gang Cable Outlet Nominal Plate Size: 86 x 86 mm Minimum Wall Box Depth: 35 mm Technical Insert Reference: CO Product Code
Bright Chrome	Bright Chrome	White	87 SP BC-W	87 SPN BC-W	87 SPNC BC-W	87 FO BC-W	87 FOC BC-W	-
	Bright Chrome	Black	87 SP BC-B	87 SPN BC-B	87 SPNC BC-B	87 FO BC-B	87 FOC BC-B	-
	White Plastic	White	87 SP WH-W	87 SPN WH-W	87 SPNC WH-W	87 FO WH-W	87 FOC WH-W	87 CO W
	Black Plastic	Black	87 SP BL-B	87 SPN BL-B	87 SPNC BL-B	87 FO BL-B	87 FOC BL-B	87 CO B
Satin Chrome	Satin Chrome	White	86 SP SC-W	86 SPN SC-W	86 SPNC SC-W	86 FO SC-W	86 FOC SC-W	-
	Satin Chrome	Black	86 SP SC-B	86 SPN SC-B	86 SPNC SC-B	86 FO SC-B	86 FOC SC-B	-
	White Plastic	White	86 SP WH-W	86 SPN WH-W	86 SPNC WH-W	86 FO WH-W	86 FOC WH-W	86 CO W
	Black Plastic	Black	86 SP BL-B	86 SPN BL-B	86 SPNC BL-B	86 FO BL-B	86 FOC BL-B	86 CO B
Polished Brass	Polished Brass	White	81 SP PB-W	81 SPN PB-W	81 SPNC PB-W	81 FO PB-W	81 FOC PB-W	-
	Polished Brass	Black	81 SP PB-B	81 SPN PB-B	81 SPNC PB-B	81 FO PB-B	81 FOC PB-B	-
	White Plastic	White	81 SP WH-W	81 SPN WH-W	81 SPNC WH-W	81 FO WH-W	81 FOC WH-W	81 CO W
	Black Plastic	Black	81 SP BL-B	81 SPN BL-B	81 SPNC BL-B	81 FO BL-B	81 FOC BL-B	81 CO B
Satin Brass	Satin Brass	White	82 SP SB-W	82 SPN SB-W	82 SPNC SB-W	82 FO SB-W	82 FOC SB-W	-
	Satin Brass	Black	82 SP SB-B	82 SPN SB-B	82 SPNC SB-B	82 FO SB-B	82 FOC SB-B	-
	White Plastic	White	82 SP WH-W	82 SPN WH-W	82 SPNC WH-W	82 FO WH-W	82 FOC WH-W	82 CO W
	Black Plastic	Black	82 SP BL-B	82 SPN BL-B	82 SPNC BL-B	82 FO BL-B	82 FOC BL-B	82 CO B
Antique Brass	Antique Brass	Black	89 SP AB-B	89 SPN AB-B	-	89 FO AB-B	-	89 CO B
	Black Plastic	Black	-	-	-	-	-	-
Bright Stainless	Bright Chrome	White	83 SP BC-W	83 SPN BC-W	83 SPNC BC-W	83 FO BC-W	83 FOC BC-W	-
	Bright Chrome	Black	83 SP BC-B	83 SPN BC-B	83 SPNC BC-B	83 FO BC-B	83 FOC BC-B	-
	White Plastic	White	-	-	-	-	-	83 CO W
	Black Plastic	Black	-	-	-	-	-	83 CO B
Satin Stainless	Satin Stainless	White	84 SP SS-W	84 SPN SS-W	84 SPNC SS-W	84 FO SS-W	84 FOC SS-W	-
	Satin Stainless	Black	84 SP SS-B	84 SPN SS-B	84 SPNC SS-B	84 FO SS-B	84 FOC SS-B	-
	White Plastic	White	84 SP WH-W	84 SPN WH-W	84 SPNC WH-W	84 FO WH-W	84 FOC WH-W	84 CO W
	Black Plastic	Black	84 SP BL-B	84 SPN BL-B	84 SPNC BL-B	84 FO BL-B	84 FOC BL-B	84 CO B
Black Nickel	Black Nickel	Black	88 SP BK-B	88 SPN BK-B	-	88 FO BK-B	-	-
	Black Plastic	Black	-	-	-	-	-	88 CO B
Pearl Oyster	Pearl Oyster	White	8P SP PO-W	8P SPN PO-W	-	8P FO PO-W	-	-
	White Plastic	White	-	-	-	-	-	8P CO W



87 2X40

Leading Edge Push On/Off Resistive Dimmers

Note: Tungsten filament GU10 lamps must be branded and with a fused base.
 Note: When using mains voltage halogen lamps - dimmers should be de-rated by 25%.
 Note: When dimming LED lamps de-rate by 75% - please contact our Technical Department for compatibility.

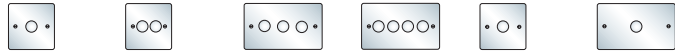


Plate Finish	Insert Finish	1 gang 400W 2 way Dimmer Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: 1X40 Product Code	2 gang (Max. 300 watts per gang) Dimmer Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: 2X40 Product Code	3 gang 400W 2 way Dimmer Nom. Plate Size: 146 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: 3X40 Product Code	4 gang (Max. 300 watts per gang) Dimmer Nom. Plate Size: 146 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: 4X40 Product Code	1 gang 600W 2 way Dimmer Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: 1X60 Product Code	1 gang 1000W 2 way Dimmer Nom. Plate Size: 146 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: 1X1K Product Code
Bright Chrome	Bright Chrome	87 1X40	87 2X40	87 3X40	87 4X40	87 1X60	87 1X1K
Satin Chrome	Satin Chrome	86 1X40	86 2X40	86 3X40	86 4X40	86 1X60	86 1X1K
Polished Brass	Polished Brass	81 1X40	81 2X40	81 3X40	81 4X40	81 1X60	81 1X1K
Satin Brass	Satin Brass	82 1X40	82 2X40	82 3X40	82 4X40	82 1X60	82 1X1K
Antique Brass	Antique Brass	89 1X40	89 2X40	89 3X40	89 4X40	89 1X60	89 1X1K
Bright Stainless	Bright Chrome	83 1X40	83 2X40	83 3X40	83 4X40	83 1X60	83 1X1K
Satin Stainless	Satin Stainless	84 1X40	84 2X40	84 3X40	84 4X40	84 1X60	84 1X1K
Black Nickel	Black Nickel	88 1X40	88 2X40	88 3X40	88 4X40	88 1X60	88 1X1K
Pearl Oyster	Pearl Oyster	8P 1X40	8P 2X40	8P 3X40	8P 4X40	8P 1X60	8P 1X1K



81 2X2V

Leading Edge Push On/Off Inductive Dimmers

Note: When dimming LED lamps de-rate by 75% - please contact our Technical Department for compatibility.



Plate Finish	Insert Finish	1 gang 200VA 2 way Dimmer Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: 1X2V Product Code	2 gang 200VA 2 way Dimmer Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: 2X2V Product Code	1 gang 300VA 2 way Dimmer Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: 1X3V Product Code
Bright Chrome	Bright Chrome	87 1X2V	87 2X2V	87 1X3V
Satin Chrome	Satin Chrome	86 1X2V	86 2X2V	86 1X3V
Polished Brass	Polished Brass	81 1X2V	81 2X2V	81 1X3V
Satin Brass	Satin Brass	82 1X2V	82 2X2V	82 1X3V
Antique Brass	Antique Brass	89 1X2V	89 2X2V	89 1X3V
Bright Stainless	Bright Chrome	83 1X2V	83 2X2V	83 1X3V
Satin Stainless	Satin Stainless	84 1X2V	84 2X2V	84 1X3V
Black Nickel	Black Nickel	88 1X2V	88 2X2V	88 1X3V
Pearl Oyster	Pearl Oyster	8P 1X2V	8P 2X2V	8P 1X3V



Trailing Edge Push On/Off Dimmers

Note: Tungsten filament GU10 lamps must be branded and with a fused base.
 Note: When using mains voltage halogen lamps - dimmers should be de-rated by 25%.
 Note: When using mains voltage halogen load transformers - maximum rating is 210VA.
 Note: When dimming LED lamps de-rate by 75% - please contact our Technical Department for compatibility.



1 gang 250W/210VA Trailing Edge Multi-Way Dimmer Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: 1XTE Product Code	2 gang 250W/210VA Trailing Edge Multi-Way Dimmer Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: 2XTE Product Code	3 gang 250W/210VA Trailing Edge Multi-Way Dimmer Nom. Plate Size: 146 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: 3XTE Product Code	4 gang 250W/210VA Trailing Edge Multi-Way Dimmer Nom. Plate Size: 146 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: 4XTE Product Code
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Plate Finish	Insert Finish	1 gang	2 gang	3 gang	4 gang
Bright Chrome	Bright Chrome	87 1XTE	87 2XTE	87 3XTE	87 4XTE
Satin Chrome	Satin Chrome	86 1XTE	86 2XTE	86 3XTE	86 4XTE
Polished Brass	Polished Brass	81 1XTE	81 2XTE	81 3XTE	81 4XTE
Satin Brass	Satin Brass	82 1XTE	82 2XTE	82 3XTE	82 4XTE
Antique Brass	Antique Brass	89 1XTE	89 2XTE	89 3XTE	89 4XTE
Bright Stainless	Bright Chrome	83 1XTE	83 2XTE	83 3XTE	83 4XTE
Satin Stainless	Satin Stainless	84 1XTE	84 2XTE	84 3XTE	84 4XTE
Black Nickel	Black Nickel	88 1XTE	88 2XTE	88 3XTE	88 4XTE
Pearl Oyster	Pearl Oyster	8P 1XTE	8P 2XTE	8P 3XTE	8P 4XTE



Trailing Edge Touch Master Multi-Way Dimmers

Note: Tungsten filament GU10 lamps must be branded and with a fused base.
 Note: When using mains voltage halogen lamps - dimmers should be de-rated by 25%.
 Note: When using mains voltage halogen load transformers - maximum rating is 210VA.
 Note: When dimming LED lamps de-rate by 75% - please contact our Technical Department for compatibility.



1 gang 250W/210VA Trailing Edge Multi-Way Touch Master Dimmer Nominal Plate Size: 86 x 86 mm Minimum Wall Box Depth: 35 mm Technical Insert Reference: 1XTM Product Code	2 gang 250W/210VA Trailing Edge Multi-Way Touch Master Dimmer Nominal Plate Size: 86 x 86 mm Minimum Wall Box Depth: 35 mm Technical Insert Reference: 2XTM Product Code	3 gang M250W/210VA Trailing Edge Multi-Way Touch Master Dimmer Nominal Plate Size: 146 x 86 mm Minimum Wall Box Depth: 35 mm Technical Insert Reference: 3XTM Product Code	4 gang 250W/210VA Trailing Edge Multi-Way Touch Master Dimmer Nominal Plate Size: 146 x 86 mm Minimum Wall Box Depth: 35 mm Technical Insert Reference: 4XTM Product Code
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Plate Finish	Insert Finish	Insert Surround Colour	1 gang	2 gang	3 gang	4 gang
Bright Chrome	Bright Chrome Bright Chrome	White Black	87 1XTM BC-W 87 1XTM BC-B	87 2XTM BC-W 87 2XTM BC-B	87 3XTM BC-W 87 3XTM BC-B	87 4XTM BC-W 87 4XTM BC-B
Satin Chrome	Satin Chrome Satin Chrome	White Black	86 1XTM SC-W 86 1XTM SC-B	86 2XTM SC-W 86 2XTM SC-B	86 3XTM SC-W 86 3XTM SC-B	86 4XTM SC-W 86 4XTM SC-B
Polished Brass	Polished Brass Polished Brass	White Black	81 1XTM PB-W 81 1XTM PB-B	81 2XTM PB-W 81 2XTM PB-B	81 3XTM PB-W 81 3XTM PB-B	81 4XTM PB-W 81 4XTM PB-B
Satin Brass	Satin Brass Satin Brass	White Black	82 1XTM SB-W 82 1XTM SB-B	82 2XTM SB-W 82 2XTM SB-B	82 3XTM SB-W 82 3XTM SB-B	82 4XTM SB-W 82 4XTM SB-B
Antique Brass	Antique Brass	Black	89 1XTM AB-B	89 2XTM AB-B	89 3XTM AB-B	89 4XTM AB-B
Bright Stainless	Bright Chrome Bright Chrome	White Black	83 1XTM BC-W 83 1XTM BC-B	83 2XTM BC-W 83 2XTM BC-B	83 3XTM BC-W 83 3XTM BC-B	83 4XTM BC-W 83 4XTM BC-B
Satin Stainless	Satin Stainless Satin Stainless	White Black	84 1XTM SS-W 84 1XTM SS-B	84 2XTM SS-W 84 2XTM SS-B	84 3XTM SS-W 84 3XTM SS-B	84 4XTM SS-W 84 4XTM SS-B
Black Nickel	Black Nickel	Black	88 1XTM BK-B	88 2XTM BK-B	88 3XTM BK-B	88 4XTM BK-B
Pearl Oyster	Pearl Oyster	White	-	-	-	-



88 1XTS BK-B

Touch Slave Controllers

Note: To only be used with Touch Master Dimmers
 Note: Tungsten filament GU10 lamps must be branded and with a fused base.
 Note: When using mains voltage halogen lamps - dimmers should be de-rated by 25%.
 Note: When using mains voltage halogen load transformers - maximum rating is 210VA.



1 gang Multi-Way Touch Slave Controller

Nominal Plate Size: 86 x 86 mm
 Minimum Wall Box Depth: 35 mm
 Technical Insert Reference: 1XTS
Product Code



2 gang Multi-Way Touch Slave Controller

Nominal Plate Size: 86 x 86 mm
 Minimum Wall Box Depth: 35 mm
 Technical Insert Reference: 2XTS
Product Code



3 gang Multi-Way Touch Slave Controller

Nominal Plate Size: 146 x 86 mm
 Minimum Wall Box Depth: 35 mm
 Technical Insert Reference: 3XTS
Product Code



4 gang Multi-Way Touch Slave Controller

Nominal Plate Size: 146 x 86 mm
 Minimum Wall Box Depth: 35 mm
 Technical Insert Reference: 4XTS
Product Code

Plate Finish	Insert Finish	Insert Surround Colour	1 gang Multi-Way Touch Slave Controller Product Code	2 gang Multi-Way Touch Slave Controller Product Code	3 gang Multi-Way Touch Slave Controller Product Code	4 gang Multi-Way Touch Slave Controller Product Code
Bright Chrome	Bright Chrome	White	87 1XTS BC-W 87 1XTS BC-B	87 2XTS BC-W 87 2XTS BC-B	87 3XTS BC-W 87 3XTS BC-B	87 4XTS BC-W 87 4XTS BC-B
Satin Chrome	Satin Chrome	White	86 1XTS SC-W 86 1XTS SC-B	86 2XTS SC-W 86 2XTS SC-B	86 3XTS SC-W 86 3XTS SC-B	86 4XTS SC-W 86 4XTS SC-B
Polished Brass	Polished Brass	White	81 1XTS PB-W 81 1XTS PB-B	81 2XTS PB-W 81 2XTS PB-B	81 3XTS PB-W 81 3XTS PB-B	81 4XTS PB-W 81 4XTS PB-B
Satin Brass	Satin Brass	White	82 1XTS SB-W 82 1XTS SB-B	82 2XTS SB-W 82 2XTS SB-B	82 3XTS SB-W 82 3XTS SB-B	82 4XTS SB-W 82 4XTS SB-B
Antique Brass	Antique Brass	Black	89 1XTS AB-B	89 2XTS AB-B	89 3XTS AB-B	89 4XTS AB-B
Bright Stainless	Bright Chrome	White	83 1XTS BC-W 83 1XTS BC-B	83 2XTS BC-W 83 2XTS BC-B	83 3XTS BC-W 83 3XTS BC-B	83 4XTS BC-W 83 4XTS BC-B
Satin Stainless	Satin Stainless	White	84 1XTS SS-W 84 1XTS SS-B	84 2XTS SS-W 84 2XTS SS-B	84 3XTS SS-W 84 3XTS SS-B	84 4XTS SS-W 84 4XTS SS-B
Black Nickel	Black Nickel	Black	88 1XTS BK-B	88 2XTS BK-B	88 3XTS BK-B	88 4XTS BK-B
Pearl Oyster	Pearl Oyster	White	-	-	-	-



82 EURO1

EuroFix Plates complete with Fixing Grid

Minimum Wall Box Depth is dependent on the Euro Fix insert fitted - please see the EuroFix section for our complete range of inserts.



1 Module EuroFix Plate

Nominal Plate Size: 86 x 86 mm
 Aperture: 25 x 50 mm
Product Code



2 Module EuroFix Plate

Nominal Plate Size: 86 x 86 mm
 Aperture: 50 x 50 mm
Product Code



3 Module EuroFix Plate

Nominal Plate Size: 146 x 86 mm
 Aperture: 75 x 50 mm
Product Code



4 Module EuroFix Plate

Nominal Plate Size: 146 x 86 mm
 Aperture: 100 x 50 mm
Product Code

Plate Finish	1 Module EuroFix Plate Product Code	2 Module EuroFix Plate Product Code	3 Module EuroFix Plate Product Code	4 Module EuroFix Plate Product Code
Bright Chrome	87 EURO1	87 EURO2	87 EURO3	87 EURO4
Satin Chrome	86 EURO1	86 EURO2	86 EURO3	86 EURO4
Polished Brass	81 EURO1	81 EURO2	81 EURO3	81 EURO4
Satin Brass	82 EURO1	82 EURO2	82 EURO3	82 EURO4
Antique Brass	89 EURO1	89 EURO2	89 EURO3	89 EURO4
Bright Stainless	83 EURO1	83 EURO2	83 EURO3	83 EURO4
Satin Stainless	84 EURO1	84 EURO2	84 EURO3	84 EURO4
Black Nickel	88 EURO1	88 EURO2	88 EURO3	88 EURO4
Pearl Oyster	8P EURO1	8P EURO2	8P EURO3	8P EURO4

GRID-IT Grid Fix Plates complete with Fixing Grid

Minimum Wall Box Depth is dependent on the Grid Fix insert fitted - please see the GRID-IT section for our complete range of inserts.



88 6GP



1 gang Aperture Grid Fix Plate
Nominal Plate Size: 86 x 86 mm
Product Code



2 gang Aperture Grid Fix Plate
Nominal Plate Size: 86 x 86 mm
Product Code













3 gang Aperture Grid Fix Plate
Nominal Plate Size: 146 x 86 mm
Product Code



4 gang Aperture Grid Fix Plate
Nominal Plate Size: 146 x 86 mm
Product Code



6 gang Aperture Grid Fix Plate
Nominal Plate Size: 146 x 146 mm
Product Code

Plate Finish	88 6GP	80 1GP	80 2GP	80 3GP	80 4GP	80 6GP
Gloss White						
Bright Chrome						
Satin Chrome						
Polished Brass						
Satin Brass						
Antique Brass						
Bright Stainless						
Satin Stainless Lacquered						
Black Nickel						
Pearl Oyster						

GRID-IT Grid Fix Plates complete with Fixing Grid

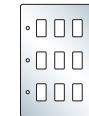
Minimum Wall Box Depth is dependent on the Grid Fix insert fitted - please see the GRID-IT section for our complete range of inserts.



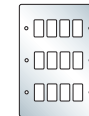
82 9GP



8 gang Aperture Grid Fix Plate
Nominal Plate Size: 146 x 146 mm
Product Code



9 gang Aperture Grid Fix Plate
Nominal Plate Size: 146 x 210 mm
Product Code












12 gang Aperture Grid Fix Plate
Nominal Plate Size: 146 x 210 mm
Product Code



1 gang 13A Aperture Grid Fix Plate (Grid supplied with Insert)
Nominal Plate Size: 86 x 86 mm
Product Code



2 gang 13A Aperture Grid Fix Plate (Grid supplied with Insert)
Nominal Plate Size: 146 x 86 mm
Product Code

Plate Finish	80 8GP	80 9GP	80 12GP	80 SS1GP	80 SS2GP
Gloss White					
Bright Chrome					
Satin Chrome					
Polished Brass					
Satin Brass					
Antique Brass					
Bright Stainless					
Satin Stainless Laquered					
Black Nickel					
Pearl Oyster					

EuroFix Media Plates complete with 13A Unswitched Power Sockets

Minimum Wall Box Depth is dependent on the Euro Fix insert fitted - please see the EuroFix section for our complete range of inserts.



86 MED1 W

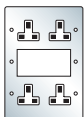


Media Plate EURO4 Aperture with 2 x 13A Unswitched Sockets

Supplied with Back Box 132 x 132 x 40 mm with Phase Barriers

Nominal Plate Size: 146 x 146 mm Aperture: 100 x 50 mm

Technical Insert Reference: **MED1**



Media Plate EURO4 Aperture with 4 x 13A Unswitched Sockets

Supplied with Back Box 133 x 194 x 40 mm with Phase Barriers

Nominal Plate Size: 146 x 210 mm Aperture: 100 x 50 mm

Technical Insert Reference: **MED2**

Plate Finish	Insert Colour	Product Code	Product Code
Bright Chrome	White Plastic Black Plastic	87 MED1 W 87 MED1 B	87 MED2 W 87 MED2 B
Satin Chrome	White Plastic Black Plastic	86 MED1 W 86 MED1 B	86 MED2 W 86 MED2 B
Polished Brass	White Plastic Black Plastic	81 MED1 W 81 MED1 B	81 MED2 W 81 MED2 B
Satin Brass	White Plastic Black Plastic	82 MED1 W 82 MED1 B	82 MED2 W 82 MED2 B
Bright Stainless	White Plastic Black Plastic	83 MED1 W 83 MED1 B	83 MED2 W 83 MED2 B
Satin Stainless	White Plastic Black Plastic	84 MED1 W 84 MED1 B	84 MED2 W 84 MED2 B

Blank Plates



89 BPS



Single Blank Plate
Nominal Plate Size: 86 x 86 mm
Product Code



Double Blank Plate
Nominal Plate Size: 146 x 86 mm
Product Code

Plate Finish	Product Code	Product Code
Bright Chrome	87 BPS	87 BPD
Satin Chrome	86 BPS	86 BPD
Polished Brass	81 BPS	81 BPD
Satin Brass	82 BPS	82 BPD
Antique Brass	89 BPS	89 BPD
Bright Stainless	83 BPS	83 BPD
Satin Stainless	84 BPS	84 BPD
Black Nickel	88 BPS	88 BPD
Pearl Oyster	8P BPS	8P BPD

Hamilton Technical Specification

ROCKER SWITCHES/KEY SWITCHES

CATEGORY:

10AX ROCKER SWITCH

Current Rating: 10AX
Max Load: 10 Amp inductive

Technical Insert Ref: Description:

R21	1 gang 10AX 2 way Rocker
R22	2 gang 10AX 2 way Rocker
R23	3 gang 10AX 2 way Rocker
R24	4 gang 10AX 2 way Rocker
R26	6 gang 10AX 2 way Rocker
R31	1 gang 10AX Intermediate Rocker
R32	2 gang 10AX Intermediate Rocker
RRT	1 gang 10AX Push to Make Retractive Rocker
GRRT	1 gang 10AX PTM/PTB Retractive Rocker

GRID-IT 10AX ROCKER SWITCH MODULES

GRR2W	1 gang 10AX Retractive 2 way and Off Rocker
GR21	1 gang 10AX 2 way Rocker
GRRT	1 gang 10AX PTM/PTB Retractive Rocker

GRID-IT 20AX ROCKER SWITCH MODULES

Current Rating: 20AX
Max Load: 20 Amp inductive

GR2WO	1 gang 20AX Non-Retractive 2 way & Off Rocker
GR212	1 gang 20AX 2 way Rocker
GR312	1 gang 20AX Intermediate Rocker

20AX ROCKER SWITCH

Current Rating: 20AX
Max Load: 20 Amp inductive

Technical Insert Ref: Description:

R212	1 gang 20AX 2 way Rocker
R222	2 gang 20AX 2 way Rocker
R232	3 gang 20AX 2 way Rocker
R242	4 gang 20AX 2 way Rocker
R312	1 gang 20AX Intermediate Rocker
R322	2 gang 20AX Intermediate Rocker

20AX KEY SWITCH

K21	1 gang 20AX 2 way Key Switch
KEL	1 gang 20AX 2 way Key Switch "EMG LTG TEST"

GRID-IT 20AX KEY SWITCH MODULE

GK21	1 gang 20AX 2 way Key Switch
GKEL	1 gang 20AX 2 way Key Switch "EMG LTG TEST"

Note: For Double Pole Key Switch please see the Double Pole Switch page.

TECHNICAL SPECIFICATION:

Voltage: 220/250V AC
IP Rating: IP2XD
Switched Poles: Single
Contact Gap Minimum: 3mm
Product Class 1: Must be earthed
GRID-IT Product Class 1: Face plate must be earthed

Ambient Operating Temperature: -5 to +40 C
Location: Internal Use Only
Max Installation Altitude: 2000m

STANDARDS:

BS EN ISO Standard: BS EN 60669-1

TERMINAL CAPACITY:

	1mm ²	1.5mm ²	2.5mm ²	4mm ² Multi-Strand	6mm ²
Terminal Capacity 10AX	5	4	1	1	1
Earth Terminal Capacity 10AX	5	4	3	1	1
Terminal Capacity 20AX	5	4	2	2	1
Earth Terminal Capacity 20AX	6	5	3	2	1

Fixing Centres:

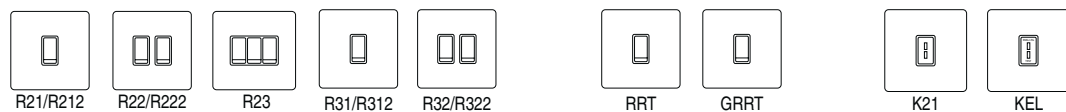
2 WAY ROCKER

INTERMEDIATE ROCKER

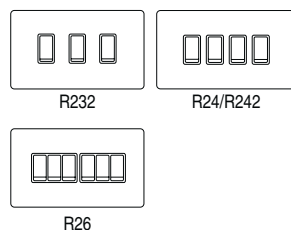
PUSH TO MAKE ROCKER

KEY SWITCH

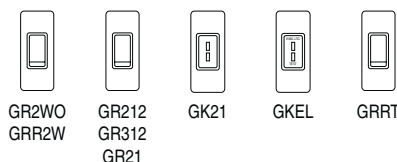
60.3mm



120.6mm



GRID-IT SWITCH INSERTS Fits 1 Grid-IT aperture



Hamilton Technical Specification

TOGGLE AND BELL PUSH SWITCHES

CATEGORY:

20AX TOGGLE SWITCH

Current Rating: 20AX
Max Load: 20 Amp inductive

Technical Insert Ref: Description:

T21 1 gang 20AX 2 way Toggle
 T22 2 gang 20AX 2 way Toggle
 T23 3 gang 20AX 2 way Toggle
 T24 4 gang 20AX 2 way Toggle
 T31 1 gang 20AX Intermediate Toggle

T32 2 gang 20AX Intermediate Toggle
 Only available in the Bloomsbury Range

TDP 1 gang 20AX Double Pole Toggle
 *Switched Poles: Double

10AX RETRACTIVE TOGGLE SWITCH

Current Rating: 10AX
Max Load: 10 Amp inductive

Technical Insert Ref: Description:

TRT 1 gang 10AX Push to Make/Break
 Retractive Toggle

6AMP BELL PUSH SWITCH Only available in the Bloomsbury range

Current Rating: 6 Amp
Max Load: 6 Amp

Technical Insert Ref: Description:

BPM 1 gang 240V AC6A Bell Push

TECHNICAL SPECIFICATION:

Voltage: 220/250V AC
IP Rating: IP2XD
Switched Poles: Single*
Contact Gap Minimum: 3mm
Product Class 1: Must be earthed
Ambient Operating Temperature: -5 to +40 C

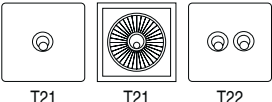
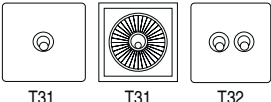
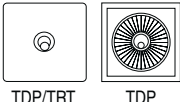

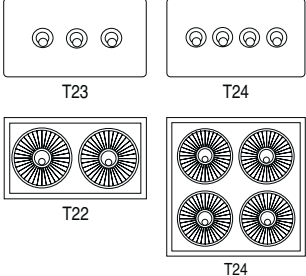
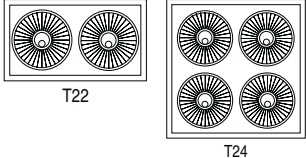
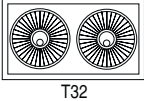
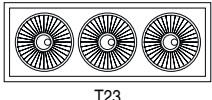

Location: Internal Use Only
Max Installation Altitude: 2000m

STANDARDS:

BS EN ISO Standard:
 Toggle Switch BS EN 60669-1
 Bell Push BS EN 60669-1

TERMINAL CAPACITY:

	1mm ²	1.5mm ²	2.5mm ²	4mm ² Multi-Strand	6mm ²
Terminal Capacity	5	4	2	2	1
Earth Terminal Capacity	6	5	3	2	1

Fixing Centres:	2 WAY TOGGLE	INTERMEDIATE TOGGLE	DOUBLE POLE & RETRACTIVE	BELL PUSH SWITCH
60.3mm	 <p>T21 T21 T22</p>	 <p>T31 T31 T32</p>	 <p>TDP/TRT TDP</p>	 <p>BPM</p>
120.6mm	 <p>T23 T24</p>  <p>T22 T24</p>	 <p>T32</p>		
182mm	 <p>T23</p>			 <p>Bloomsbury Range</p>

Hamilton Technical Specification

DOUBLE POLE ROCKER SWITCHES/KEY SWITCHES

CATEGORY:

20AX DOUBLE POLE ROCKER SWITCH

Current Rating: 20AX
Max Load: 20 Amp inductive

Technical Insert Ref: Description:

DP 1 gang 20AX Double Pole Rocker
 DPN 1 gang 20AX Double Pole Rocker + Neon
 DPNC 1 gang 20AX Double Pole Rocker + Neon
 + Cable Outlet

45 AMP DOUBLE POLE ROCKER SWITCH

Current Rating: 45 Amp
Max Load: 45 Amp

Technical Insert Ref: Description:

45 1 gang 45A Double Pole Red Rocker
 45N 1 gang 45A Double Pole Red Rocker + Neon
 45V 1 gang 45A Double Pole Red Rocker + Neon,
 Vertically Mounted

GRID-IT 20AX DOUBLE POLE ROCKER SWITCH MODULE

GDP 1 gang 20AX Double Pole Rocker

GRID-IT 20AX DP KEY SWITCH MODULE

GKDP 20AX Double Pole Key Switch

45 AMP ROCKER SWITCH WITH 13AMP SOCKET

Current Rating: Switch 45 Amp/Socket 13 Amp
Max Load: Switch 45 Amp/Socket 13 Amp

Technical Insert Ref: Description:

45SS1 1 gang 45A Double Pole Red Rocker +
 Neon + 13A Switched Socket

TECHNICAL SPECIFICATION:

Voltage: 220/250V AC
IP Rating: IP2XD
Switched Poles: Double
Contact Gap Minimum: 3mm
Product Class 1: Must be earthed
GRID-IT Product Class 1: Face plate must
 be earthed
Ambient Operating Temperature: -5 to +40 C

Location: Internal Use Only
Max Installation Altitude: 2000m

STANDARDS:

BS EN ISO Standard:
 20AX/45Amp Double Pole Rocker BS EN 60669-1
 Double Pole Rocker with Socket BS 4177

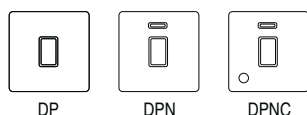
TERMINAL CAPACITY:

	1mm ²	1.5mm ²	2.5mm ²	4mm ² Multi-Strand	6mm ²	10mm ²	16mm ²
20AX Terminal Capacity			3	2	1		
20AX Earth Terminal Capacity	6	5	3	2	1		
45Amp Terminal Capacity					3	2	1
45Amp Earth Terminal Capacity					3	2	1
GDP/GKDP Terminal Capacity	5	4	2	1	1		
GDP/GKDP Earth Terminal Capacity	6	5	3	2	1		

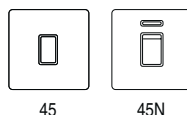
Fixing Centres:

60.3mm
DPNC Cable Outlet
Size: Min 0.75mm²
 Max 2.5mm²

20AMP DP ROCKER SWITCH



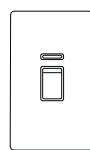
45AMP DP ROCKER SWITCH



GRID-IT MODULE Fits 1 Grid-IT aperture

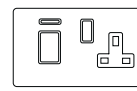


120.6mm



45V
 Vertically mounted

DP ROCKER WITH SOCKET



45SS1

Hamilton[®] Technical Specification

TRIPLE POLE FAN ISOLATOR

CATEGORY:

FAN ISOLATOR

Technical Insert Ref: Description:

TP 1 gang 10A Triple Pole Fan Isolator

TECHNICAL SPECIFICATION:

Current Rating:	10 Amp	Location:	Internal Use Only
Voltage:	220/250V AC	Max Installation Altitude:	2000m
IP Rating:	IP2XD	STANDARDS:	
Max Load:	10 Amp Resistive	BS EN ISO Standard:	BS EN 60669-1
Switched Poles:	Triple		
Contact Gap Minimum:	3mm		
Product Class 1:	Must be earthed		
Ambient Operating Temperature:	-5 to +40 C		

TERMINAL CAPACITY:

	1mm ²	1.5mm ²	2.5mm ²	4mm ² Multi-Strand	6mm ²
Terminal Capacity	5	4	1	1	1
Earth Terminal Capacity	5	4	3	1	1

Fixing Centres: TRIPLE POLE FAN ISOLATOR

60.3mm



TP

Hamilton Technical Specification

HOTEL CARD SWITCHES

CATEGORY:

HOTEL CARD SWITCH

Current Rating: 10A (6AX)
Max Load: 10 Amp (6 Amp inductive)
Technical Insert Ref: Description:
 C11 1 gang 10A (6AX) On/Off with Blue LED Locator
 Suitable for 44mm and 54mm width key cards

EUROFIX CARD SWITCH

MOD-C11 1 gang 10A (6AX) On/Off with Blue LED Locator
 Suitable for 44mm and 54mm width key cards

KNX BUS SYSTEM HOTEL CARD SWITCH

Current Rating: N/A
Max Load: N/A
Technical Insert Ref: Description:
 CKNX 1 gang 12-24V AC/DC +/-10% On/Off with Blue LED Locator
 Suitable for 44mm and 54mm width key cards

EUROFIX KNX BUS SYSTEM CARD SWITCH

MOD-CKNX 1 gang 12-24V AC/DC +/-10% On/Off with Blue LED Locator
 Suitable for 44mm and 54mm width key cards

TECHNICAL SPECIFICATION:

Voltage: 220/250V AC
KNX Voltage: 12-24V AC/DC
IP Rating: IP2XD
Switched Poles: Single
Contact Gap Minimum: 3mm
Product Class 1: Must be earthed
Eurofix Product Class 1: Face plate must be earthed

Ambient Operating Temperature: -5 to +40 C
Location: Internal Use Only
Max Installation Altitude: 2000m

STANDARDS:

BS EN ISO Standard: BS EN 60669-2-3

TERMINAL CAPACITY:

	1mm ²	1.5mm ²	2.5mm ²	4mm ² Multi-Strand	6mm ²
Terminal Capacity	3	2	1		
Earth Terminal Capacity	5	4	3	1	1

Fixing Centres:

CARD SWITCH/KNX

GRID-IT CARD SWITCH/KNX

60.3mm



C11/CKNX

Fits into one Euro2 aperture



MOD-C11
MOD-CKNX

Hamilton Technical Specification

SWITCHED SOCKETS

CATEGORY:

SWITCHED SOCKETS

Technical Insert Ref:	Description:
SS1	1 gang 13A Double Pole Switched Socket
SS2	2 gang 13A Double Pole Switched Socket

GRID-IT SWITCHED SOCKETS MODULES

Technical Insert Ref:	Description:
GSS1	1 gang 13A Double Pole Switched Socket
GSS2	2 gang 13A Double Pole Switched Socket

TECHNICAL SPECIFICATION:

Current Rating:	13 Amp
Voltage:	220/250V AC
IP Rating:	IP2XD
Max Load:	13 Amp
Switched Poles:	Double
Contact Gap Minimum:	3mm
Product Class 1:	Must be earthed
GRID-IT Product Class 1:	Face plate must be earthed

Ambient Operating Temperature:	-5 to +40 C
Location:	Internal Use Only
Max Installation Altitude:	2000m

STANDARDS:

BS EN ISO Standard:	BS 1363-2 Inc. amendment 1,2,3
ASTA Licence No:	1046 (Box fix only)

TERMINAL CAPACITY:

	2.5mm ²	4mm ²	6mm ² Multi-Strand	10mm ²
Terminal Capacity	4	3	2	1
Earth Terminal Capacity	4	3	2	1

Fixing Centres:

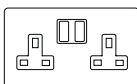
13A SWITCHED SOCKETS

60.3mm



SS1

120.6mm



SS2

Fixing Centres:

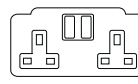
GRID-IT SWITCHED SOCKETS MODULES

60.3mm grid to wall box
49.2mm plate to grid



GSS1

120.6mm grid to wall box
106.5mm plate to grid



GSS2

Hamilton Technical Specification

UNSWITCHED SOCKETS

CATEGORY:

2A UNSWITCHED SOCKETS AND FLOOR SOCKETS

Current Rating: 2 Amp

Max Load: 2 Amp

Technical Insert Ref: Description:

US2 1 gang 2A Unswitched Socket

5A UNSWITCHED SOCKETS AND FLOOR SOCKETS

Current Rating: 5 Amp

Max Load: 5 Amp

Technical Insert Ref: Description:

US5 1 gang 5A Unswitched Socket

13A UNSWITCHED SOCKETS AND FLOOR SOCKETS

Current Rating: 13 Amp

Max Load: 13 Amp

Technical Insert Ref: Description:

US13 1 gang 13A Unswitched Socket

US99 2 gang 13A Unswitched Socket

EUROFIX 13A UK UNSWITCHED SOCKET MODULE

MOD-ENG13A 1 gang 13A UK Unswitched Socket

TECHNICAL SPECIFICATION:

Voltage: 220/250V AC
IP Rating: IP2XD
Switched Poles: None
Contact Gap Minimum: None
Product Class 1: Must be earthed
Ambient Operating Temperature: -5 to +40 C

Location: Internal Use Only
Max Installation Altitude: 2000m

STANDARDS:

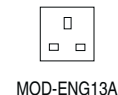
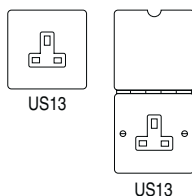
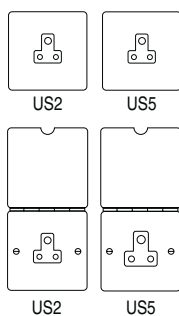
BS EN ISO Standard:
 2A and 5A Unswitched BS 546
 13A Unswitched BS 1363-2

TERMINAL CAPACITY:

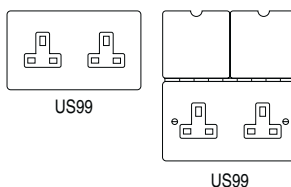
	1mm ²	1.5mm ²	2.5mm ²	4mm ²	6mm ² Multi-strand	10mm ²
2A and 5A Terminal Capacity	5	4	2	1		
2A and 5A Earth Terminal Capacity	5	4	2	1		
13A Terminal Capacity			5	3	2	1
13A Earth Terminal Capacity			5	3	2	1

Fixing Centres: 2A & 5A UNSWITCHED SOCKETS 13A UNSWITCHED SOCKETS EUROFIX UNSWITCHED SOCKET MODULE

60.3mm



120.6mm



Hamilton Technical Specification

INTERNATIONAL UNSWITCHED SOCKETS

CATEGORY:

AMERICAN SOCKETS - NEMA 5

Current Rating: 15 Amp
Max Load: 15 Amp
Voltage: 110V AC

Technical Insert Ref: Description:

5258 1 gang 15A Unswitched American Socket
 5320 2 gang 15A Unswitched American Socket

EUROFIX AMERICAN SOCKET MODULE

MOD-USA 15A 1 gang 15A Unswitched American Socket

EUROFIX UNIVERSAL SOCKET MODULE

Current Rating: 13 Amp
Max Load: 13 Amp

MOD-UNI 13A 1 gang 13A Universal Unswitched Socket

SCHUKO SOCKETS - CE7/4 AND FLOOR SOCKET

Current Rating: 10/16 Amp
Max Load: 16 Amp
Voltage: 220/250V AC

Technical Insert Ref: Description:

6126 1 gang 16A Unswitched German Sockets
 26126 2 gang 16A Unswitched German Sockets

EUROFIX GERMAN SOCKET MODULE

MOD-GER16A 1 gang 16A Unswitched German Socket

TECHNICAL SPECIFICATION:

IP Rating: IP2XD
Switched Poles: None
Contact Gap Minimum: None
Product Class 1: Face plate must be earthed

Ambient Operating Temperature: -5 to +40 C
Location: Internal Use Only
Max Installation Altitude: 2000m

STANDARDS:

BS EN ISO Standard: BS 5733
 IEC 60884-1

TERMINAL CAPACITY:

	2.5mm ²	4mm ²	6mm ² Multi-stranded	10mm ²
13A and 16A Socket	3	3	2	1
15A Universal Socket Module	3	2	1	

Fixing Centres:

	AMERICAN SOCKETS	SCHUKO SOCKETS	SCHUKO FLOOR SOCKETS	SOCKET MODULES
60.3mm	5258	6126*	6126*	MOD-USA MOD-UNIV* MOD-GER16A*
120.6mm	5320	26126*	26126*	*Requires 47mm deep mounting box

Information relating to usage for non-uk sockets

- It is permissible to sell and/or install non-UK BS type power sockets in the United Kingdom.
- It is the responsibility of the electrical contractor/installer to ensure that these products are installed correctly.
- The installation must be signed off by a qualified installer as a deviation to BS7671 wiring regulations.
- As these products fall outside the standards specified within the wiring regulations, additional measures must be taken to ensure safe, appropriate installation is effected.

Hamilton Technical Specification

DUAL VOLTAGE SHAVER SOCKET

CATEGORY:

SHAVER SOCKET

Technical Insert Ref: Description:

SHS Shaver Dual Voltage Unswitched Socket (Vertically Mounted)

TECHNICAL SPECIFICATION:

Current Rating: 20VA
Voltage: 220/250V AC
Max Load Output: 115/230V
Max Load Input: 200/250V
IP Rating: IP2XD
Switched Poles: None
Contact Gap Minimum: None
Product Class 1: Must be earthed

Ambient Operating Temperature: -5 to +40 C
Location: Internal Use Only
Max Installation Altitude: 2000m

STANDARDS:

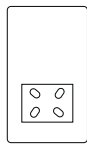
BS EN ISO Standard: BS EN 61558
 BS 4573

TERMINAL CAPACITY:

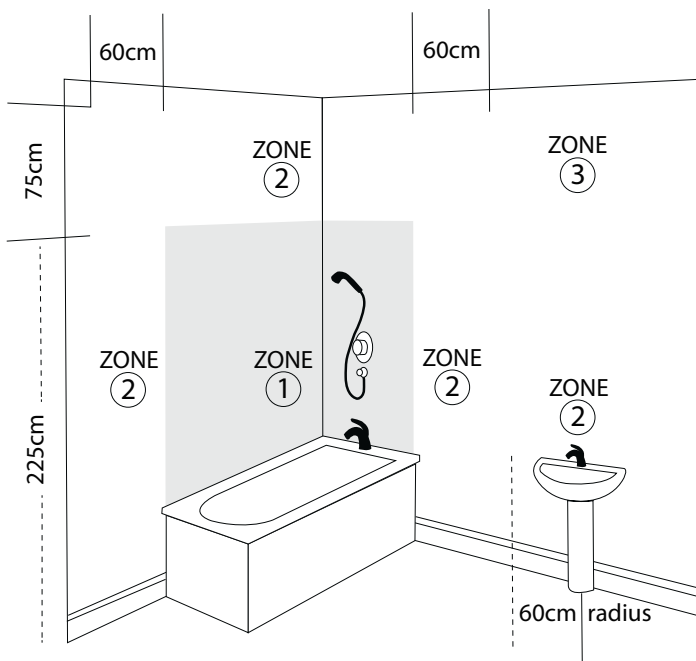
	1mm ²	1.5mm ²	2.5mm ²	4mm ² Multi-Strand	6mm ²
Terminal Capacity	5	4	3	2	1
Earth Terminal Capacity	9	6	4	2	1

Fixing Centres: SHAVER SOCKET

120.6mm
Vertically mounted



SHS



Bathroom Safety

Note: Generally, shaver sockets won't have an IP (ingress protection) rating, but if they comply with BS EN 61558 they can safely be installed in zone 2 - as long as they are away from the bath or shower unit and are unlikely to come into contact with shower spray.

Hamilton Technical Specification

UNSWITCHED SOCKETS Plus EURO4 aperture

CATEGORY:

MEDIA PLATE

Technical Insert Ref: Description:

MED1	Media plate, Euro4 Apertured with 2 x 13A Unswitched Socket
MED2	Media plate, Euro4 Apertured with 4 x 13A Unswitched Socket

SPECIAL NOTE : When mains voltage and telecom/data/TV are mixed on the same plate a suitable phase barrier **MUST** be used in the wall box to shield the mains.

TECHNICAL SPECIFICATION:

Current Rating:	13 Amp
Voltage:	220/250V AC
Max Load Output:	13 Amp Socket
IP Rating:	IP2XD
Switched Poles:	None
Contact Gap Minimum:	None
Product Class 1:	Must be earthed

Ambient Operating Temperature:	-5 to +40 C
Location:	Internal Use Only
Max Installation Altitude:	2000m

STANDARDS:

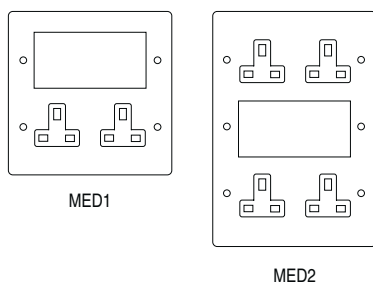
BS EN ISO Standard:	(Socket) BS 1363-2
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TERMINAL CAPACITY:

	2.5mm ²	4mm ²	6mm ² Multi-Strand	10mm ²
Terminal Capacity	5	3	2	1
Earth Terminal Capacity	5	3	2	1

Fixing Centres: **MEDIA PLATES** EURO4 Apertured with 13A Unswitched Socket

120.6mm



Hamilton Technical Specification

CONNECTION UNITS

CATEGORY:

SWITCHED FUSED CONNECTION UNIT

Technical Insert Ref: Description:

SP	1 gang 13A Double Pole Fused Spur
SPN	1 gang 13A DP Fused Spur + Neon
SPNC	1 gang 13A DP Fused Spur + Neon + Cable Outlet

13A FUSE WITH RED NEON HALO

FN	1 gang 13A Fuse with Red Neon Halo
----	------------------------------------

GRID-IT 13A FUSE WITH NEON HALO MODULE

GFN	13A Fuse with Neon Halo
-----	-------------------------

CABLE OUTLET

Current Rating: 20 Amp
Max Load: 20 Amp
Switched Poles: None
Contact Gap Min: None

Technical Insert Ref: Description:

CO	Cable Outlet
----	--------------

GRID-IT CABLE OUTLET MODULE

GC20	Cable Outlet
------	--------------

UNSWITCHED CONNECTION UNIT

Switched Poles: None
Contact Gap Min: None

Technical Insert Ref: Description:

FO	1 gang 13A Fuse Only
FOC	1 gang 13A Fuse + Cable Outlet

TECHNICAL SPECIFICATION:

Current Rating: 13 Amp
Voltage: 220/250V AC
Max Load: 13 Amp
IP Rating: IP2XD
Switched Poles (SP, SPN, SPNC): Double
Contact Gap Minimum: 3mm
Product Class 1: Must be earthed
Grid-IT Product Class 1: Face plate must be earthed
Ambient Operating Temperature: -5 to +40 C

Cable Outlet Size Flexible: Min 0.75mm²
 Max 2.5mm²
Location: Internal Use Only
Max Installation Altitude: 2000m

STANDARDS:

BS EN ISO Standard:
 Switched Fuse/Unswitched Fuse with halo BS 1363-4
 Fuse with halo BS 5733
 Fuse with halo + fuselink BS 5733 and BS1362
 Cable outlet BS 5733

TERMINAL CAPACITY:

	1mm ²	1.5mm ²	2.5mm ²	4mm ² Multi-Strand	6mm ²
Switched/Fuse + Halo Terminal Capacity			3	2	1
Switched/Fuse + Halo Earth Terminal Capacity	6	5	3	2	1
Cable Outlet Terminal Capacity	5	4	2	2	
Cable Outlet Earth Terminal Capacity	6	5	3	2	1
FO/FOC Terminal Capacity	5	4	3	1	1
FO/FOC Earth Terminal Capacity	6	5	3	2	1

Fixing Centres:

SWITCHED FUSE

FUSE WITH HALO

CABLE OUTLET

FUSE UNIT

60.3mm



SP

SPN

SPNC

FN

CO

FO

FOC

Fits one Grid-IT aperture



GFN



GC20

Hamilton Technical Specification

TELEVISION COAXIAL AND DATA SOCKETS

CATEGORY:

TV/DATA/TELEPHONE SOCKETS AND FLOOR SOCKETS

Technical Insert Ref: Description:

TV	1 gang Non-Isolated Television 1 In/1 Out
TV2	2 gang Non-Isolated Television 2 In/2 Out
TVFM	Isolated TV/FM Diplexer 1 In/2 Out
TVI	1 gang Isolated Television 1 In/1 Out
TVSAT	2 gang Non-Isolated TV + Satellite 2 In/2 Out
SATN	1 gang Non-Isolated Satellite
SATI	1 gang Isolated Satellite
J12	1 gang RJ12 Outlet Unshielded
2J12	2 gang RJ12 Outlet Unshielded
J45	1 gang RJ45 CAT 5E Outlet Unshielded
2J45	2 gang RJ45 CAT 5E Outlet Unshielded
TCS	1 gang Telephone Slave
TCM	1 gang Telephone Master

EUROFIX TV/DATA/TELEPHONE SOCKET MODULES

Technical Insert Ref: Description:

MOD-TV	1 gang Non-Isolated TV 1 In/1 Out
MOD-TV1	1 gang Isolated TV 1 In/1 Out
MOD-TVFM	Isolated TV/FM Diplexer 1 In/2 Out
MOD-SATI	1 gang Isolated Satellite
MOD-SATN	1 gang Non-Isolated Satellite
MOD-J12	1 gang RJ12 Outlet Unshielded
MOD-J45-C5	1 gang RJ45 CAT 5E Outlet Unshielded
MOD-J45-C6	1 gang RJ45 CAT 6 Outlet Unshielded
MOD-J45-C6S	1 gang RJ45 CAT 6S Outlet Shielded
MOD-TCS	1 gang Telephone Slave
MOD-TCM	1 gang Telephone Master

MOD-CAT6A and MOD-CAT7 are available on request

TECHNICAL SPECIFICATION:

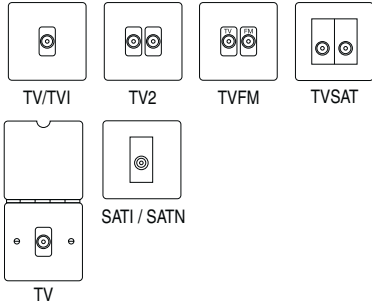
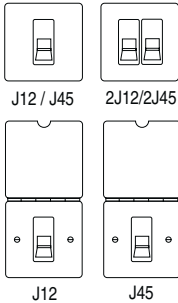
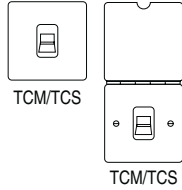
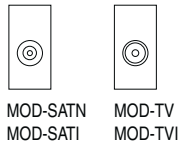


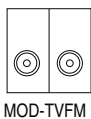
IP Rating:	IP2XD
Product Class 1:	Face plate must be earthed (ref BS7671 415.2.1)
Ambient Operating Temperature:	-5 to +40 C
Location:	Internal Use Only
Max Installation Altitude:	2000m

Note: Mains operated and extra low voltage products must not be installed in the same face plate aperture. When installing within the same back box phase barriers MUST be used to separate the two voltages. See BS 7671 Wiring regulations for further details.

Note for SATI only: Isolated F-type satellite outlet, where a DC signal back to the LNB unit on the satellite dish is not required.

TERMINAL CAPACITY:

	1mm ²	1.5mm ²	2.5mm ²	4mm ² Multi-Strand	6mm ²
Earth Terminal Capacity	5	4	3	1	1

Fixing Centres:	TELEVISION COAXIAL	DATA OUTLETS	TELEPHONE SOCKET
60.3mm	 <p>TV/TVI TV2 TVFM TVSAT</p> <p>SATI / SATN</p> <p>TV</p>	 <p>J12 / J45 2J12/2J45</p> <p>J12 J45</p>	 <p>TCM/TCS</p> <p>TCM/TCS</p>
Fits one Euro1 aperture	 <p>MOD-SATN MOD-TV MOD-SATI MOD-TV1</p>	 <p>MOD-J12 MOD-J45-C6 MOD-J45-C5 MOD-J45-C6S</p>	 <p>MOD-TCM MOD-TCS</p>
Fits one Euro2 aperture	 <p>MOD-TVFM</p>		

Hamilton Technical Specification

DIGITAL TELEVISION SOCKETS - Screened Non-Isolated, DAB compatible

CATEGORY:

DIGITAL TV COAXIAL SOCKETS

Technical Insert Ref: Description:

DENT	Non-Isolated TV/FM/Satellite 1/Satellite 2 Quadplex 2 In/ 4 Out
DSAT+	Non-Isolated TV/FM/Satellite 1/Satellite 2 Quadplex 2 In/ 4 Out + TVF + TCS
DTRID	Non-Isolated TV/FM/Satellite Triplexer 1 In/3 Out
DSAT	1 gang Non-Isolated Satellite
DTVf	1 gang Non-Isolated TV (female)
DTVM	1 gang Non-Isolated TV (male)

EUROFIX MODULES

Technical Insert Ref: Description:

MOD-DENT	Non-Isolated TV/FM/Satellite 1/Satellite 2 Quadplex 2 In/ 4 Out
MOD-DSAT	1 gang Non-Isolated Satellite
MOD-DTRID	Non-Isolated TV/FM/Satellite Triplexer 1 In/3 Out
MOD-DTVf	1 gang Non-Isolated TV (female)
MOD-DTVM	1 gang Non-Isolated TV (male)

TECHNICAL SPECIFICATION:

IP Rating:	IP2XD
Product Class 1:	Must be earthed (ref BS7671 415.2.1)
Ambient Operating Temperature:	-5 to +40 C
Location:	Internal Use Only
Max Installation Altitude:	2000m

Note: Mains operated and extra low voltage products must not be installed in the same face plate aperture. When installing within the same back box phase barriers MUST be used to separate the two voltages. See BS 7671 Wiring regulations for further details.

TERMINAL CAPACITY:

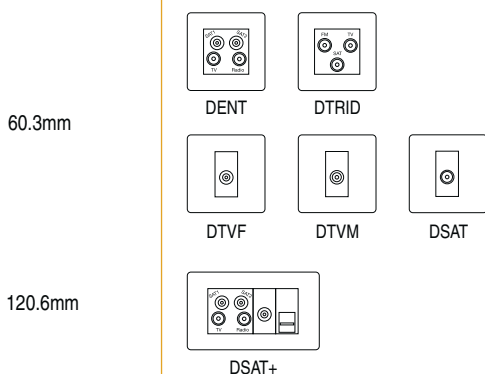
	1mm ²	1.5mm ²	2.5mm ²	4mm ² Multi-Strand	6mm ²
Earth Terminal Capacity	5	4	3	1	1

FREQUENCIES:

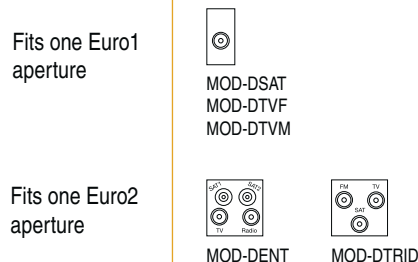
Module	Frequency 1	Frequency 2	Frequency 3	Frequency 4	DC
DTVM	Frequency 1				FM DC
DSAT	Frequency 1				SAT DC
DTVf	Frequency 1				TV DC
DENT/DTRID/DSAT+	Frequency 1				TV
	Frequency 2				FM
	Frequency 3				SAT DC
DSAT+	Frequency 4				TV DC

Fixing Centres:

DIGITAL TELEVISION SOCKETS



EUROFIX DIGITAL TV SOCKET MODULES



Hamilton Technical Specification

EUROFIX AV/AUDIO/HDMI

CATEGORY:

EUROFIX AV/AUDIO/HDMI SOCKETS

Technical Insert Ref: Description:

MOD-BAN2	2 x Gold Binding Post Socket*
MOD-HDMI	HDMI Chassis Mounted Socket Type A* (Female Mounted, Female Free)
MOD-MP3	3.5mm Stereo Socket (MP3) Screened*
MOD-RCA1	1 x Gold Phone/Audio Socket**
MOD-RCA2	2 x Gold Phone/Audio Socket**
MOD-RCA3	3 x Gold Composite Video/Audio**
MOD-USBAFF	USB2 Panel Mounted Socket Type A* (Female Mounted, Female Free)
MOD-USBAFM	USB2 Panel Mounted Socket Type A* (Female Mounted, Male Free)

EUROFIX AV/AUDIO/HDMI SOCKETS

Technical Insert Ref: Description:

MOD-DIN25	D-Range PC Socket 25 Pin*
MOD-DIN9	D-Range PC Socket 9 Pin*
MOD-SVGA	D-Range SVGA Socket 15 Pin*

Current Rating: 15 Amp
Voltage: 120VAC

MOD-XLR Latching Audio Connector 3 Pin XLR Socket*

TECHNICAL SPECIFICATION:

IP Rating:	IP2XD
Ambient Operating Temperature:	-5 to +40 C* -25 to +70 C**
Location:	Internal Use Only
Max Installation Altitude:	2000m

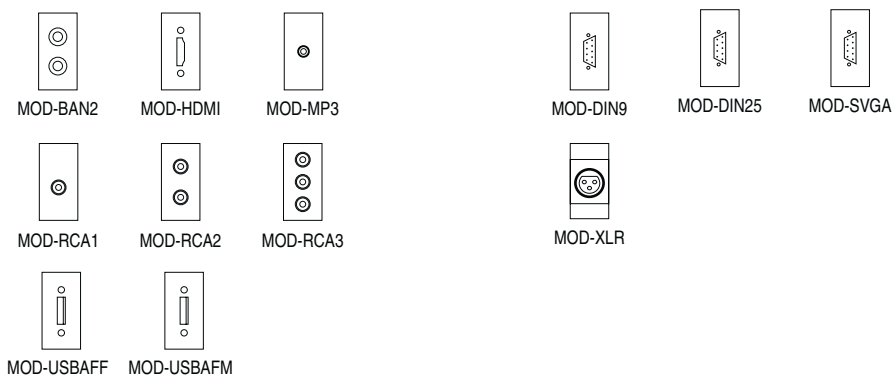
Note: Mains operated and extra low voltage products must not be installed in the same face plate aperture. When installing within the same back box phase barriers MUST be used to separate the two voltages. See BS 7671 Wiring regulations for further details.

	Current Rating	Voltage
Eurofix D-range sockets	7.5amps per contact	300V
Eurofix Latching Audio Connector	15amp	120V AC

EUROFIX AV/AUDIO/HDMI MODULES

EUROFIX AUDIO SOCKET MODULES

Fits a Euro1 aperture



Hamilton Technical Specification

EUROFIX USB CHARGER MODULE

CATEGORY:

EUROFIX USB CHARGER MODULE

Technical Insert Ref: Description:

MOD-USB Eurofix USB Charger Module

TECHNICAL SPECIFICATION:

Current Rating (at full load):	0.3A Single 0.6A Twin	Product Class 1:	Must be earthed
Current Rating (at standby):	1.3m A Single 2.5m A Twin	Ambient Operating Temperature:	0 to +40 C
Voltage:	220/250V AC 47-53Hz	Location:	Internal Use Only
Max Load Output:	1.0A per socket	Max Installation Altitude:	2000m
Output Voltage:	5Vdc \pm 5%	STANDARDS:	
Contact Gap Minimum:	5mm	BS EN ISO Standard:	BS EN 60950-1 BS EN 61000-6-1

	1.0mm ²	1.5mm ²	2.5mm ²
Terminal Capacity	2	2	1

EUROFIX USB CHARGER MODULE

Fits a Euro1 aperture



MOD-USB

Hamilton Technical Specification

LEADING EDGE DIMMER INFORMATION

NOTES FOR DIMMERS

Note A	Tungsten filament GU10 lamps must be branded with a fuse base.
Note B	When using mains voltage halogen lamps - dimmers should be de-rated by 25%.
Note C	When using mains voltage halogen load transformers - maximum rating is 210VA.
Note D	To only be used with Touch Master Dimmers.
Note E	When dimming LED lamps de-rated by 75% - please contact our Technical Department for compatibility.

Leading Edge Resistive Dimmers - METAL PLATES

Number of dimmer switches per plate	Nominal plate size mm	Dimmer type	Max plate load W (Watts)	Lamp type				
				Tungsten Filament including halogen		Linea Halogen	GU10 LED	
				Min	Max	Max	Min	Max
1	88x88	1 x 40	400	40	400	300	10	100
2	88x88	2 x 40	600	40	300	300	10	100
3	88x146	3 x 40	1200	40	400	300	10	100
4	88x146	4 x 40	1200	40	300	250	10	100
6	150x150	6 x 40	1800	40	300	250	10	100
8	150x150	8 x 40	1800	40	300	250	10	100
9	150x210	9 x 40	2250	40	250	250	10	100
12	150x210	12 x 40	2250	40	200	150	10	100
12	210x280	12 x 40	3600	40	300	200	10	100
16	210x280	16 x 40	3600	40	225	200	10	100
1	88x88	1 x 60	600	100	600	450	15	150
1	88x146	1 x 1K	1000	150	1000	750	25	250

Leading Edge Resistive Dimmers - WOOD PLATES

Number of dimmer switches per plate	Nominal plate size mm	Dimmer type	Max plate load W (Watts)	Lamp type				
				Tungsten Filament including halogen		Linea Halogen	GU10 LED	
				Min	Max	Max	Min	Max
1	88x88	1 x 40	400	40	400	300	10	100
2	88x146	2 x 40	600	40	300	300	10	100
3	88x146	3 x 40	900	40	300	300	10	100
4	88x146	4 x 40	1000	40	250	200	10	100
6	150x150	6 x 40	1200	40	200	200	10	100
9	150x210	9 x 40	1800	40	200	200	10	100

Leading Edge Resistive Dimmers - PLASTIC PLATES

Number of dimmer switches per plate	Nominal plate size mm	Dimmer type	Max plate load W (Watts)	Lamp type				
				Tungsten Filament including halogen		Linea Halogen	GU10 LED	
				Min	Max	Max	Min	Max
1	88x88	1 x 40	400	40	400	300	10	100
2	88x88	2 x 40	600	40	300	300	10	100
3	88x146	3 x 40	900	40	300	300	10	100
4	88x146	4 x 40	1000	40	250	250	10	100

Hamilton Technical Specification

LEADING EDGE INDUCTIVE PUSH ON/OFF DIMMERS

CATEGORY:

200VA INDUCTIVE DIMMER

See Notes for Dimmers: Note E

Wattage: 200VA (low voltage) per gang
Current Rating: 0.8 Amp
Max Load: 200VA (low voltage) per gang
Min Load: 25VA

Technical Insert Ref: Description:

1X2V 1 gang 200VA 2 way
 2X2V 2 gang 200VA 2 way

GRID-IT 200VA INDUCTIVE DIMMER MODULE

See Notes for Dimmers: Note E

1X2V 1 gang 200VA 2 way

300VA INDUCTIVE DIMMER

See Notes for Dimmers: Note E

Wattage: 300VA (low voltage)
Current Rating: 1.25 Amp
Max Load: 300VA (low voltage)
Min Load: 50VA

Technical Insert Ref: Description:

1X3V 1gang 300VA 2 way

TECHNICAL SPECIFICATION:

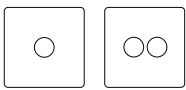


Voltage: 220/250V AC
IP Rating: IP2XD
Switched Poles: Single
Contact Gap Minimum: None

Product Class 1: Face plate must be earthed
Ambient Operating Temperature: -5 to +40 C
Location: Internal Use Only
Max Installation Altitude: 2000m

TERMINAL CAPACITY:

	1mm ²	1.5mm ²	2.5mm ²	4mm ² Multi-Strand	6mm ²
200VA Terminal Capacity	2	2			
200VA Earth Terminal Capacity	5	4	3	1	1
300VA Terminal Capacity	2	2			
300VA Earth Terminal Capacity	5	4	3	1	1

LEADING EDGE TECHNOLOGY DIMMERS for use with low voltage toroidal transformers and some LED lamps.

Fixing Centres:	200VA INDUCTIVE DIMMER	300VA INDUCTIVE DIMMER	GRID-IT INDUCTIVE DIMMER MODULE
60.3mm	 <p>1X2V 2X2V</p>	 <p>1X3V</p>	 <p>1X2V</p>

Note: It is recommended to contact the manufacturer of the transformer to confirm that it is dimmable and is considered to be an inductive load.

Hamilton Technical Specification

LEADING EDGE PUSH ON/OFF RESISTIVE DIMMERS

CATEGORY:

400W PUSH ON/OFF RESISTIVE DIMMER

See Notes for Dimmers: Note A,B,E

Wattage: 400W
Current Rating: 1.66 Amp
Max Load: 400W Resistive per gang

Technical Insert Ref: Description:

1X40	1 gang 400W 2 Way
2X40	2 gang 400W 2 Way, max 300W per gang
3X40	3 gang 400W 2 Way
4X40	4 gang 400W 2 Way, max 300W per gang
WD2X40	2 gang 400W 2 way, max 300W per gang
W3X40	3 gang 400W 2 way, max 300W per gang
W4X40	4 gang 400W 2 way, max 250W per gang
P3X40	3 gang 400W 2 way, max 300W per gang
P4X40	4 gang 400W 2 way, max 250W per gang

GRID-IT 400W PUSH ON/OFF RESISTIVE DIMMER MODULE

See Notes for Dimmers: Note A,B,E

D40	1 gang 400W 2 way Switched Poles: not applicable* Contact Gap Minimum: 3mm**
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600W PUSH ON/OFF RESISTIVE DIMMER

See Notes for Dimmers: Note A,B,E

Wattage: 600W
Current Rating: 2.5 Amp
Max Load: 600W Resistive per gang

Technical Insert Ref: Description:

1X60	1 gang 600W 2 Way
WD1X60	1 gang 600W 2 Way

1KW PUSH ON/OFF RESISTIVE DIMMER

See Notes for Dimmers: Note A,B,E

Wattage: 1KW
Current Rating: 4.16 Amp
Max Load: 1KW Resistive per gang

Technical Insert Ref: Description:

1X1K	1 gang 1000W 2 Way
------	--------------------

TECHNICAL SPECIFICATION:

Voltage: 220/250V AC
IP Rating: IP2XD
Switched Poles: Single*
Contact Gap Minimum: N/A**
Product Class 1: Face plate must be earthed
Ambient Operating Temperature: -5 to +40 C

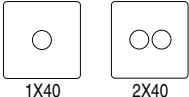

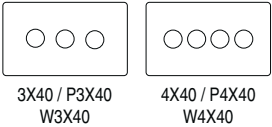
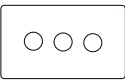
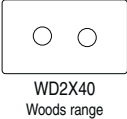



Location: Internal Use Only
Max Installation Altitude: 2000m

STANDARDS:

BS EN ISO Standard: 400W/600W Resistive Dimmer BS EN 60669-2-1

TERMINAL CAPACITY:

	1mm ²	1.5mm ²	2.5mm ²	4mm ² Multi-Strand	6mm ²
Terminal Capacity	2	2			
Earth Terminal Capacity	5	4	3	1	1

Fixing Centres:	400W PUSH ON/OFF DIMMER	600W PUSH ON/OFF DIMMER	1KW PUSH ON/OFF DIMMER	GRID-IT 400W PUSH ON/OFF DIMMER MODULE
60.3mm	 1X40	 2X40	 1X60	
120.6mm	 3X40 / P3X40 W3X40	 4X40 / P4X40 W4X40	 1X1K	
	 WD2X40 Woods range			
Fits one Grid-IT aperture				 D40

Hamilton Technical Specification

TRAILING EDGE DIMMER INFORMATION

NOTES FOR DIMMERS

Note A	Tungsten filament GU10 lamps must be branded with a fuse base.
Note B	When using mains voltage halogen lamps - dimmers should be de-rated by 25%.
Note C	When using mains voltage halogen load transformers - maximum rating is 210VA.
Note D	To only be used with Touch Master Dimmers.
Note E	When dimming LED lamps de-rated by 75% - please contact our Technical Department for compatibility.

Trailing Edge Resistive Dimmers - METAL PLATES

Number of dimmer switches per plate	Nominal plate size mm	Dimmer type	Max plate load W (Watts)	Lamp type				
				Tungsten Filament including Halogen		Linea Halogen	GU10 LED	
				Min	Max	Max	Min	Max
1	88x88	1XTE, 1XTM	250	25	250	200	7	62
2	88x88	2XTE, 2XTM	500	25	250	200	7	62
3	88x146	3XTE, 3XTM	750	25	250	200	7	62
4	88x146	4XTE, 4XTM	1000	25	250	200	7	62
6	150x150	6XTE, 6XTM	1500	25	250	200	7	62
8	150x150	8XTE, 8XTM	1800	25	225	200	7	62
9	150x210	9XTE, 9XTM	2250	25	250	200	7	62
12	150x210	12XTE, 12XTM	2250	25	200	200	7	62
12	210x280	12XTE, 12XTM	3000	25	250	200	7	62
16	210x280	16XTE, 16XTM	3600	25	225	200	7	62

Trailing Edge Resistive Dimmers - WOOD PLATES

Number of dimmer switches per plate	Nominal plate size mm	Dimmer type	Max plate load W (Watts)	Lamp type				
				Tungsten Filament including Halogen		Linea Halogen	GU10 LED	
				Min	Max	Max	Min	Max
1	88x88	1XTE	250	25	250	200	7	62
2	88x88	2XTE	400	25	200	200	7	62
3	88x146	3XTE	750	25	250	150	7	62
4	88x146	4XTE	800	25	200	150	7	62
6	150x150	6XTE	1200	25	200	150	7	62
8	150x150	8XTE	1600	25	200	150	7	62
9	150x210	9XTE	1800	25	200	150	7	62
12	150x210	12XTE	2250	25	200	150	7	62

Trailing Edge Resistive Dimmers - PLASTIC PLATES

Number of dimmer switches per plate	Nominal plate size mm	Dimmer type	Max plate load W (Watts)	Lamp type				
				Tungsten Filament including Halogen		Linea Halogen	GU10 LED	
				Min	Max	Max	Min	Max
1	88x88	1XTE, 1XTM	250	25	250	200	7	62
2	88x88	2XTE, 2XTM	500	25	250	200	7	62
3	88x146	3XTE, 3XTM	750	25	250	150	7	62
4	88x146	4XTE, 4XTM	1000	25	250	150	7	62

Hamilton Technical Specification

TRAILING EDGE PUSH ON/OFF DIMMERS

CATEGORY:

TRAILING EDGE DIMMER

See Notes for Dimmers: Note A,B, C, E

Technical Insert Ref: Description:

1XTE	1 gang 250W/210VA Multi-Way Dimmer
2XTE	2 gang 250W/210VA Multi-Way Dimmer
3XTE	3 gang 250W/210VA Multi-Way Dimmer
4XTE	4 gang 250W/210VA Multi-Way Dimmer
W2XTE	2 gang 250W/210VA Multi-Way Dimmer max 200W per gang
W4XTE	4 gang 250W/210VA Multi-Way Dimmer max 200W per gang

GRID-IT TRAILING EDGE DIMMER MODULE

See Notes for Dimmers: Note A,B, C, E

Technical Insert Ref: Description:

DTE	1 gang 250W/210VA Multi-Way Dimmer Module
-----	--

TECHNICAL SPECIFICATION:

Wattage:	250W Resistive 210VA Inductive
Current Rating:	1.1 Amp per gang
Max Load:	250W Resistive 210VA Inductive
Minimum Load:	25W/25VA
Voltage:	220/250V AC
IP Rating:	IP2XD
Switched Poles:	Single

Contact Gap Minimum:	None
Product Class 1:	Face plate must be earthed
Ambient Operating Temperature:	-5 to +40 C
Location:	Internal Use Only
Max Installation Altitude:	2000m

STANDARDS:

BS EN ISO Standard:	BS EN 60669-2-1
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TERMINAL CAPACITY:

	1mm ²	1.5mm ²	2.5mm ²	4mm ² Multi-Strand	6mm ²
Terminal Capacity	2	2			
Earth Terminal Capacity	5	4	3	1	1

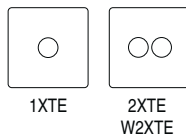
TRAILING EDGE TECHNOLOGY DIMMERS. Are suitable for control of both resistive and inductive loads. When used for dimming low voltage electronic halogen transformers it must be noted that the dimmer controls the primary side of the transformer.

Fixing Centres:

TRAILING EDGE DIMMER

GRID-IT TRAILING EDGE DIMMER MODULES

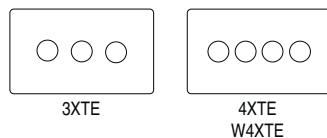
60.3mm



Fits one Grid-IT aperture



120.6mm



Note: For multi-way switching a push to make retractive switch should be installed in the other positions. (Note: standard two way switches will not work with this product).

Hamilton Technical Specification

TRAILING EDGE TOUCH DIMMERS

CATEGORY:

TRAILING EDGE TOUCH MASTER MULTI-WAY DIMMER

See Notes for Dimmers: Note A,B,C,E

Technical Insert Ref: Description:

1XTM	1 gang 250W/210VA Multi-Way Touch Master
2XTM	2 gang 250W/210VA Multi-Way Touch Master
3XTM	3 gang 250W/210VA Multi-Way Touch Master
4XTM	4 gang 250W/210VA Multi-Way Touch Master

GRID-IT TOUCH MASTER MULTI-WAY DIMMER MODULE

See Notes for Dimmers: Note A,B,C,E

DTM	1 gang Multi-Way Touch Master Module
-----	--------------------------------------

TOUCH SLAVE CONTROLLER

See Notes for Dimmers: Note A,B,C,D

Technical Insert Ref: Description:

1XTS	1 gang 250W/VA Multi-Way Touch Slave
2XTS	2 gang 250W/VA Multi-Way Touch Slave
3XTS	3 gang 250W/VA Multi-Way Touch Slave
4XTS	4 gang 250W/VA Multi-Way Touch Slave

GRID-IT TOUCH SLAVE CONTROLLER MODULE

See Notes for Dimmers: Note A,B,C,D

DTS	1 gang Multi-Way Touch Slave Controller Module
-----	--

Touch slave controllers to be used only with touch master dimmers.

TECHNICAL SPECIFICATION:

Wattage:	250W Resistive 210VA Inductive
Current Rating:	1.1 Amps
Max Load:	250W Resistive 210VA Inductive
Minimum Load:	25W/VA
Voltage:	220/250V AC
IP Rating:	IP2XD
Product Class 1:	Face plate must be earthed

Ambient Operating Temperature:	-5 to +40 C
Location:	Internal Use Only
Max Installation Altitude:	2000m

STANDARDS:

BS EN ISO Standard:	BS EN 60669-2-1
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TERMINAL CAPACITY:

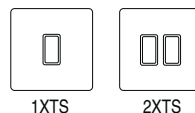
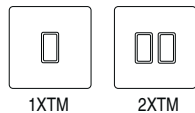
	1mm ²	1.5mm ²	2.5mm ²	4mm ² Multi-Strand	6mm ²
Terminal Capacity	2	2			
Earth Terminal Capacity	5	4	3	1	1

Fixing Centres:

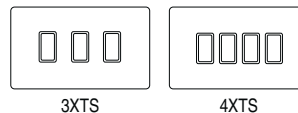
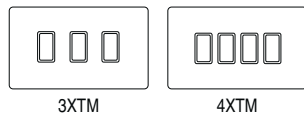
TOUCH MASTER DIMMER

TOUCH SLAVE CONTROLLER

60.3mm



120.6mm



GRID-IT TOUCH MASTER DIMMER MODULE

GRID-IT TOUCH SLAVE CONTROLLER MODULE

Fits 1 Grid-IT aperture



Hamilton Technical Specification

PUSH ON/OFF SWITCHES AND BALLAST CONTROLLER

CATEGORY:

WHITE PLASTIC PUSH ON/OFF SWITCH

Current Rating:	5 Amps
Voltage:	230/240V AC
Technical Insert Ref:	Description:
1X5A	1 gang 5A Push On/Off Switch
2X5A	2 gang 5A Push On/Off Switch
3X5A	3 gang 5A Push On/Off Switch
4X5A	4 gang 5A Push On/Off Switch

GRID-IT PUSH ON/OFF SWITCH MODULES

Current Rating:	3 Amps
Technical Insert Ref:	Description:
DIP	3A Intermediate Push On/Off Module
Current Rating:	6 Amps
DPS	6A 2 way Push On/Off Switch Module

GRID-IT HIGH FREQUENCY BALLAST CONTROL MODULE

Current Rating:	1-10V
Technical Insert Ref:	Description:
DHF	1-10DC High Frequency Ballast Control Module (No Off)

Note: Normally used in conjunction with Hamilton 10 or 20amp rocker switch'. The 1-10v module will not switch mains voltage. It is designed to control a 1-10volt signal only.

TECHNICAL SPECIFICATION:

Voltage:	220/250V AC
IP Rating:	IP2XD
Contact Gap Minimum:	3mm
Product Class 1:	Face plate must be earthed
Ambient Operating Temperature:	-5 to +40 C

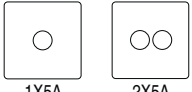


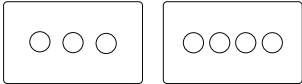
Location:	Internal Use Only
Max Installation Altitude:	2000m

STANDARDS:

BS EN ISO Standard:	BS EN 60669-1
Push on/off switch	

TERMINAL CAPACITY:

	1mm ²	1.5mm ²	2.5mm ²	4mm ² Multi-Strand	6mm ²
Terminal Capacity	2	2			
Earth Terminal Capacity	5	4	3	1	1

Fixing Centres:	PUSH ON/OFF SWITCH	GRID-IT PUSH ON/OFF SWITCH MODULE	GRID-IT HIGH FREQUENCY BALLAST CONTROL MODULE
60.3mm	 <p>1X5A 2X5A</p>	Fits 1 Grid-IT aperture  <p>DIP /DPS</p>	 <p>DHF</p>
120.6mm	 <p>3X5A 4X5A</p>		

Hamilton Technical Specification

GRID-IT NEON AND NEON HALO MODULES

CATEGORY:

GRID-IT NEON HALO MODULES

Technical Insert Ref:	Description:
GN	Neon Modules

GRID-IT NEON ONLY MODULES

Technical Insert Ref:	Description:
GNO	Neon Only Modules

TECHNICAL SPECIFICATION:

Voltage:	220/250V AC
IP Rating:	IP2XD
Product Class 1:	Face plate must be earthed
Ambient Operating Temperature:	-5 to +40 C
Location:	Internal Use Only
Max Installation Altitude:	2000m

STANDARDS:

BS EN ISO Standard:	BS 5733
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TERMINAL CAPACITY:

	1mm ²	1.5mm ²	2.5mm ²	4mm ² Multi-Strand	6mm ²
Terminal Capacity	5	4	2	2	1
Earth Terminal Capacity	6	5	3	2	1

GRID-IT NEON HALO MODULES

Fits 1 Grid-IT aperture



GN

GRID-IT NEON ONLY MODULES



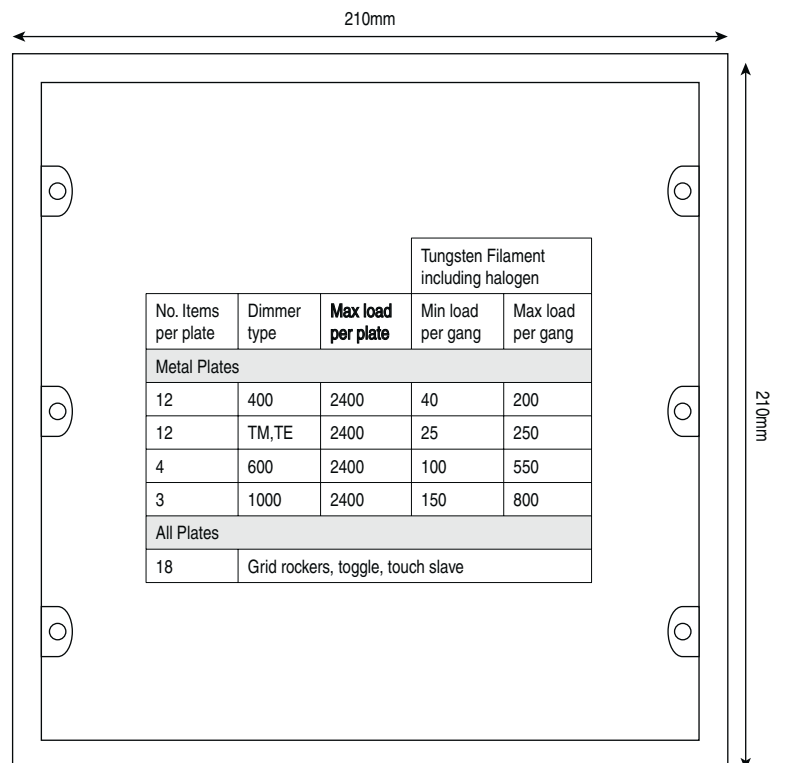
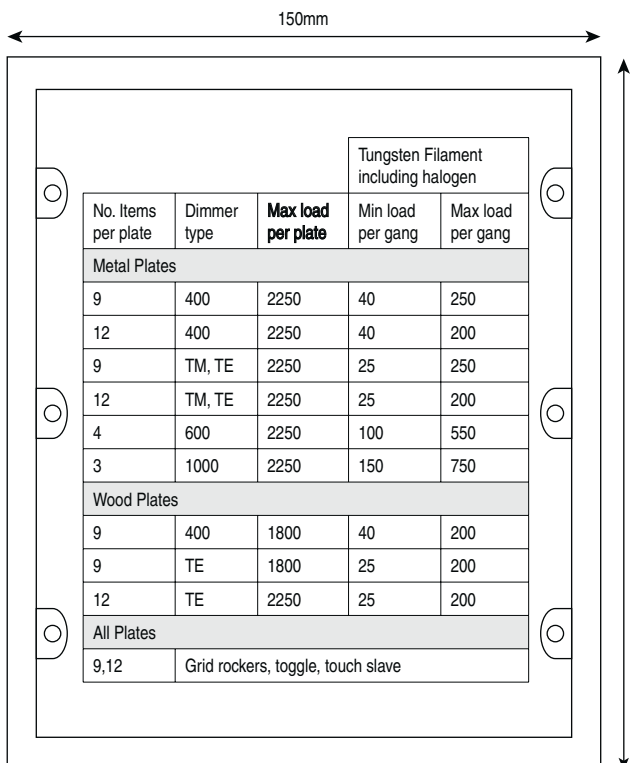
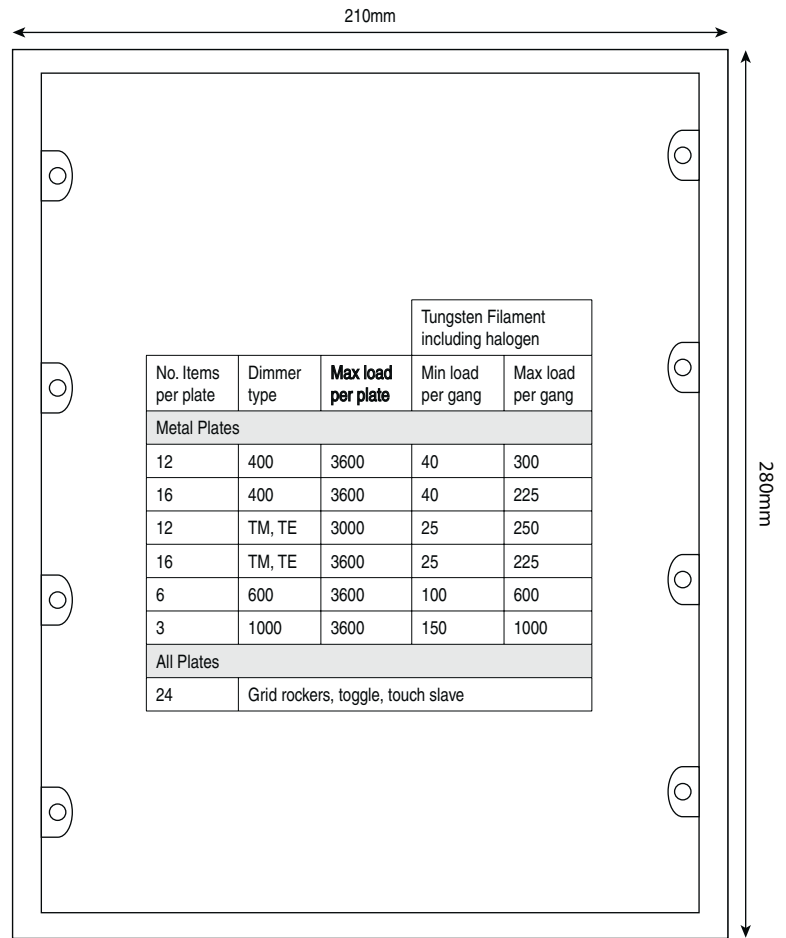
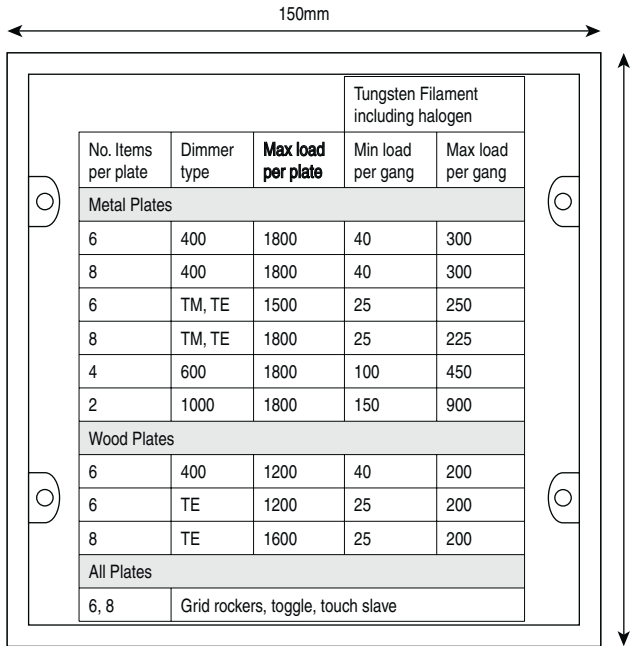
GNO

Hamilton Technical Specification

LARGE PLATES DIMENSIONS

Note: Large plastic not available in Perception CFX®, Hartland Colours CFX®. White Plastic.

Note: You can mix 'n' match dimmers as long as you don't go over the maximum wattage for the plate.

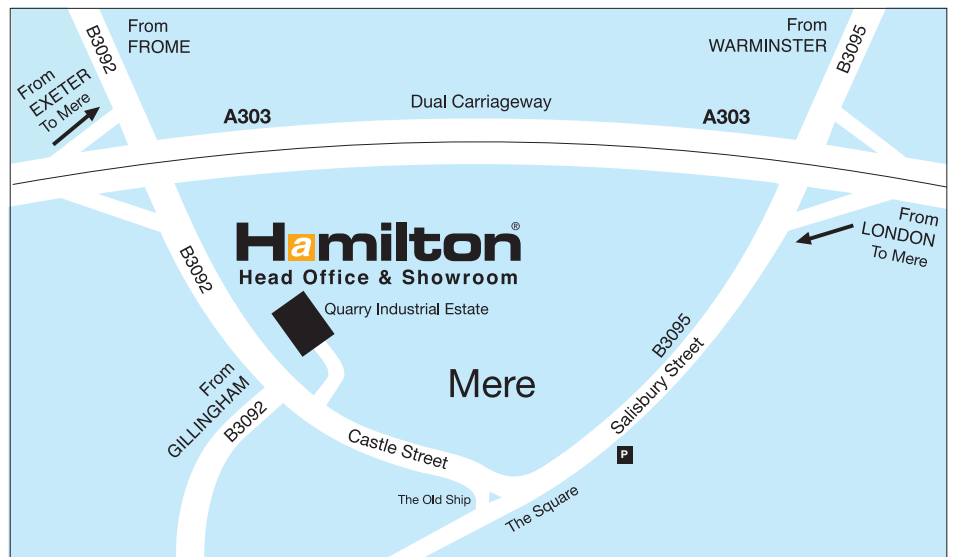


See dimmer information for Linea Halogen and GU10 LED

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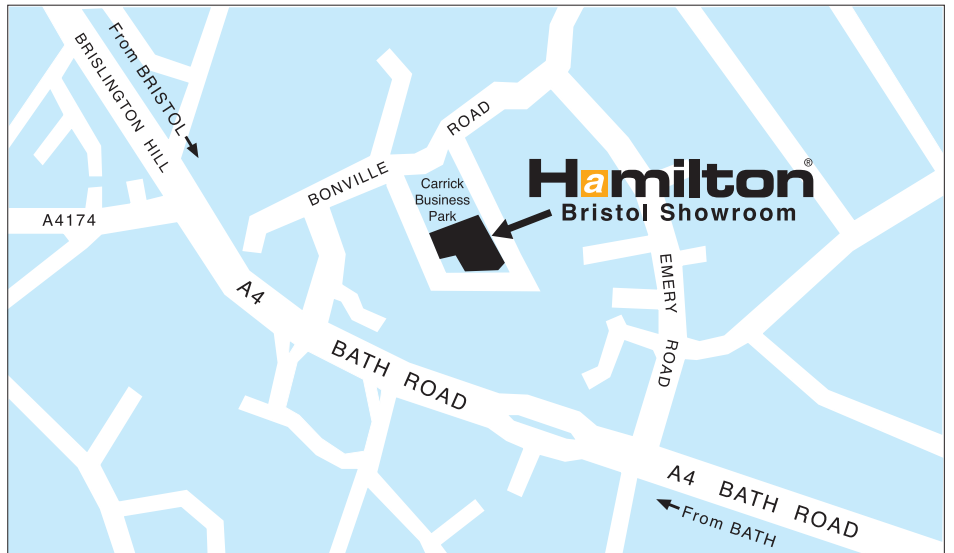
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