

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...

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Linea-Rondo CFX Range

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

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Linea-Duo CFX Range

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

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Linea-Scala CFX Range

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

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Linea-Perlina CFX Range

Quality Concealed Fixing accessories on Beaded Edge Plates...

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Linea-Georgian CFX Range

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

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Mercury Audio Control

Bespoke Audio and Data Control System...

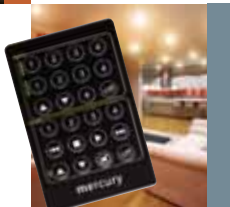
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Mercury Lighting Control

Bespoke Lighting Control System...

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Savile Row

Bespoke Electrical Wiring Accessories Tailor Made to your requirements.

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GRID-IT Modules

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

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EuroFix Modules

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

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Hartland Range

Quality accessories on Super Slim Plates...

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Hartland CFX Range

Quality Concealed Fixing accessories on Super Slim Plates...

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Hartland CFX Colours

Concealed Fixing accessories on Super Slim Coloured Plastic...

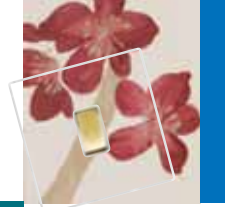
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Perception CFX Range

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

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Sheer Range

Quality accessories on Stylish Flat plates...

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Sheer CFX Range

Quality Concealed Fixing accessories on Stylish Flat Plates...

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Sheer Floor Socket Range

Quality Floor Sockets on Stylish Flat Plates...

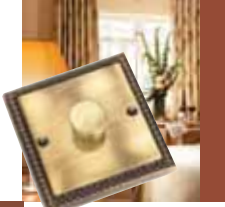
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Cheriton Range

Quality accessories on Georgian and Victorian style plates...

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Bloomsbury Range

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

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Woods Range

Quality accessories on Natural Wood Finish Plates...

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White Plastic Dimmer Switches

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ICDM1000 1000W Ceiling Dimmer

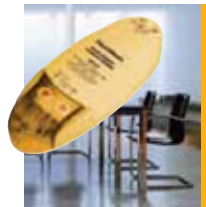
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Lighting Ancillaries

Electronic Transformers and Dimmable LED Drivers

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Perfect Partners & Giara Martellato CFX Range

Concealed Fixing accessories with complementary Door Handles...

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Technical Specifications

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Hamilton Perception CFX®

Concealed Fixing Accessories on subtle clear plastic plates

The Perception CFX range of concealed fixing electrical wiring accessories with snap-on clear front plates, are cleverly designed to insert your own wall paper or alternatively the supplied template can be painted, thereby blending discreetly into the interior décor.

- Clear plate blends into décor
- Concealed fixing
- Accommodates your own choice of wall covering
- A cutting template is supplied with each electrical accessory
- Grid Fix and Eurofix options also available (see separate GRID-IT and EuroFix sections)



PC R312 SC-W



PC R212 BL-B



PC 1X2V BL



PC DPN SC-W



PC R22 SC-W

Hamilton Perception CFX®



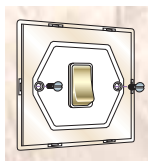
PC R21 PB-W



PC TP WH-W

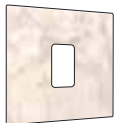
Concealed Fixing Rocker Switches on Transparent Plates

Insert Finish	Insert Surround Colour	1 gang 10AX 2 way Rocker		2 gang 10AX 2 way Rocker		3 gang 10AX 2 way Rocker		4 gang 10AX 2 way Rocker		1 gang 10AX Intermediate Rocker		1 gang 10AX Triple Pole Rocker	
		Nom. Plate Size: 86 x 86 mm	Min. Wall Box Depth: 25 mm	Nom. Plate Size: 86 x 86 mm	Min. Wall Box Depth: 25 mm	Nom. Plate Size: 86 x 86 mm	Min. Wall Box Depth: 25 mm	Nom. Plate Size: 146 x 86 mm	Min. Wall Box Depth: 25 mm	Nom. Plate Size: 86 x 86 mm	Min. Wall Box Depth: 25 mm	Nom. Plate Size: 86 x 86 mm	Min. Wall Box Depth: 25 mm
		Technical Insert Reference: R21	Technical Insert Reference: R21	Technical Insert Reference: R22	Technical Insert Reference: R22	Technical Insert Reference: R23	Technical Insert Reference: R23	Technical Insert Reference: R24	Technical Insert Reference: R24	Technical Insert Reference: R31	Technical Insert Reference: R31	Technical Insert Reference: TP	Technical Insert Reference: TP
Product Code	Product Code	Product Code	Product Code	Product Code	Product Code	Product Code	Product Code	Product Code	Product Code	Product Code	Product Code	Product Code	Product Code
Bright Chrome Bright Chrome	White Black	PC R21 BC-W PC R21 BC-B	PC R22 BC-W PC R22 BC-B	PC R23 BC-W PC R23 BC-B	PC R24 BC-W PC R24 BC-B	PC R31 BC-W PC R31 BC-B	– –						
Satin Chrome Satin Chrome	White Black	PC R21 SC-W PC R21 SC-B	PC R22 SC-W PC R22 SC-B	PC R23 SC-W PC R23 SC-B	PC R24 SC-W PC R24 SC-B	PC R31 SC-W PC R31 SC-B	– –						
Polished Brass Polished Brass	White Black	PC R21 PB-W PC R21 PB-B	PC R22 PB-W PC R22 PB-B	PC R23 PB-W PC R23 PB-B	PC R24 PB-W PC R24 PB-B	PC R31 PB-W PC R31 PB-B	– –						
Satin Brass Satin Brass	White Black	PC R21 SB-W PC R21 SB-B	PC R22 SB-W PC R22 SB-B	PC R23 SB-W PC R23 SB-B	PC R24 SB-W PC R24 SB-B	PC R31 SB-W PC R31 SB-B	– –						
Antique Brass	Black	PC R21 AB-B	PC R22 AB-B	PC R23 AB-B	PC R24 AB-B	PC R31 AB-B	–						
Black Nickel	Black	PC R21 BK-B	PC R22 BK-B	PC R23 BK-B	PC R24 BK-B	PC R31 BK-B	–						
White Plastic	White	PC R21 WH-W	PC R22 WH-W	PC R23 WH-W	PC R24 WH-W	PC R31 WH-W	PC TP WH-W						
Black Plastic	Black	PC R21 BL-B	PC R22 BL-B	PC R23 BL-B	PC R24 BL-B	PC R31 BL-B	PC TP BL-B						



Step 1

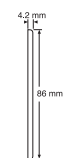
Having applied the desired wall covering and cut away from the wall box aperture, insert and fix the accessory using the two screws supplied.



Step 2

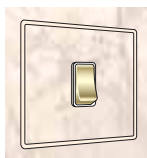
Using a spare piece of wall covering that matches the pattern exactly, carefully cut out the shape of the front plate using the template supplied.

Plate Dimensions



Step 3

Place the cut out piece of wallpaper into the back of the clear front plate.



Step 4

Position and snap the front plate onto the accessory backplate using the integral clips to conceal the accessory and fixing screws.








PC R212 BL-B



PC R312 SC-W

**Concealed Fixing
Rocker Switches on
Transparent Plates**

Insert Finish	Insert Surround Colour					
		1 gang 20AX 2 way Rocker Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 25 mm Technical Insert Reference: R212 Product Code	2 gang 20AX 2 way Rocker Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 25 mm Technical Insert Reference: R222 Product Code	3 gang 20AX 2 way Rocker Nom. Plate Size: 146 x 86 mm Min. Wall Box Depth: 25 mm Technical Insert Reference: R232 Product Code	4 gang 20AX 2 way Rocker Nom. Plate Size: 146 x 86 mm Min. Wall Box Depth: 25 mm Technical Insert Reference: R242 Product Code	1 gang 20AX Intermediate Rocker Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 25 mm Technical Insert Reference: R312 Product Code
Bright Chrome Bright Chrome	White Black	PC R212 BC-W PC R212 BC-B	PC R222 BC-W PC R222 BC-B	PC R232 BC-W PC R232 BC-B	PC R242 BC-W PC R242 BC-B	PC R312 BC-W PC R312 BC-B
Satin Chrome Satin Chrome	White Black	PC R212 SC-W PC R212 SC-B	PC R222 SC-W PC R222 SC-B	PC R232 SC-W PC R232 SC-B	PC R242 SC-W PC R242 SC-B	PC R312 SC-W PC R312 SC-B
Polished Brass Polished Brass	White Black	PC R212 PB-W PC R212 PB-B	PC R222 PB-W PC R222 PB-B	PC R232 PB-W PC R232 PB-B	PC R242 PB-W PC R242 PB-B	PC R312 PB-W PC R312 PB-B
Satin Brass Satin Brass	White Black	PC R212 SB-W PC R212 SB-B	PC R222 SB-W PC R222 SB-B	PC R232 SB-W PC R232 SB-B	PC R242 SB-W PC R242 SB-B	PC R312 SB-W PC R312 SB-B
Antique Brass	Black	PC R212 AB-B	PC R222 AB-B	PC R232 AB-B	PC R242 AB-B	PC R312 AB-B
Black Nickel	Black	PC R212 BK-B	PC R222 BK-B	PC R232 BK-B	PC R242 BK-B	PC R312 BK-B
White Plastic	White	PC R212 WH-W	PC R222 WH-W	PC R232 WH-W	PC R242 WH-W	PC R312 WH-W
Black Plastic	Black	PC R212 BL-B	PC R222 BL-B	PC R232 BL-B	PC R242 BL-B	PC R312 BL-B






PC T21 PB



PC T23 PB

Concealed Fixing Toggle Switches on Transparent Plates

Insert Finish					
	1 gang 20AX 2 way Toggle Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: T21 Product Code	2 gang 20AX 2 way Toggle Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: T22 Product Code	3 gang 20AX 2 way Toggle Nom. Plate Size: 146 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: T23 Product Code	4 gang 20AX 2 way Toggle Nom. Plate Size: 146 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: T24 Product Code	1 gang 20AX Intermediate Toggle Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: T31 Product Code
Bright Chrome	PC T21 BC	PC T22 BC	PC T23 BC	PC T24 BC	PC T31 BC
Satin Chrome	PC T21 SC	PC T22 SC	PC T23 SC	PC T24 SC	PC T31 SC
Polished Brass	PC T21 PB	PC T22 PB	PC T23 PB	PC T24 PB	PC T31 PB
Satin Brass	PC T21 SB	PC T22 SB	PC T23 SB	PC T24 SB	PC T31 SB
Antique Brass	PC T21 AB	PC T22 AB	PC T23 AB	PC T24 AB	PC T31 AB
Black Nickel	PC T21 BK	PC T22 BK	PC T23 BK	PC T24 BK	PC T31 BK



PC K21 B

Key Switches on Transparent Plates



1 gang 20AX 2 way Key Switch
 Nom. Plate Size: 86 x 86 mm
 Min. Wall Box Depth: 25 mm
 Technical Insert Reference: **K21**
 Product Code

Insert Colour

White Plastic



PC K21 W

Black Plastic



PC K21 B



PC C11 SC-W

Hotel Card Switch with LED on Transparent Plates



Adjustable Time Delay 10 seconds – 5 minutes.
 Suitable for 44 mm and 54 mm width Hotel Key Cards.

1 gang 10A (6AX) On/Off with Blue LED Locator
 Nom. Plate Size: 86 x 86 mm
 Min. Wall Box Depth: 35 mm
 Technical Insert Reference: **C11**
 Product Code



1 gang 12–24V AC/DC +/- 10% On/Off with Blue LED Locator (Suitable for KNX BUS System)
 Nom. Plate Size: 86 x 86 mm
 Min. Wall Box Depth: 35 mm
 Technical Insert Reference: **CKNX**
 Product Code

Insert Surround Colour

Bright Chrome Bright Chrome



White Black

PC C11 BC-W
PC C11 BC-B

PC CKNX BC-W
PC CKNX BC-B

Satin Chrome Satin Chrome



White Black

PC C11 SC-W
PC C11 SC-B

PC CKNX SC-W
PC CKNX SC-B

Polished Brass Polished Brass



White Black

PC C11 PB-W
PC C11 PB-B

PC CKNX PB-W
PC CKNX PB-B

Satin Brass Satin Brass



White Black

PC C11 SB-W
PC C11 SB-B

PC CKNX SB-W
PC CKNX SB-B

Antique Brass



Black

PC C11 AB-B

PC CKNX AB-B

Black Nickel



Black

PC C11 BK-B

PC CKNX BK-B

White Plastic



White

PC C11 WH-W

PC CKNX WH-W

Black Plastic



Black

PC C11 BL-B

PC CKNX BL-B

Concealed Fixing Power Sockets on Transparent Plates



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 5A Unswitched Socket
 Nom. Plate Size: 86 x 86 mm
 Min. Wall Box Depth: 35 mm
 Technical Insert Reference: **US5**
 Product Code

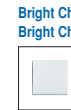
1 gang 16A German Unswitched Socket
 Nom. Plate Size: 86 x 86 mm
 Min. Wall Box Depth: 47 mm
 Technical Insert Reference: **6126**
 Product Code

1 gang 15A American Unswitched Socket
 Nom. Plate Size: 86 x 86 mm
 Min. Wall Box Depth: 35 mm
 Technical Insert Reference: **5258**
 Product Code

2 gang 15A American Unswitched Socket
 Nom. Plate Size: 146 x 86 mm
 Min. Wall Box Depth: 35 mm
 Technical Insert Reference: **5320**
 Product Code

Shaver Dual Voltage Unswitched Socket
 Nom. Plate Size: 86 x 146 mm
 Min. Wall Box Depth: 35 mm
 Technical Insert Reference: **SHS**
 Product Code

Insert Finish
 Bright Chrome Bright Chrome



Satin Chrome Satin Chrome



Polished Brass Polished Brass



Satin Brass Satin Brass



Antique Brass



Black Nickel



White Plastic



Black Plastic



Insert Surround Colour
 White Black

PC SS1 BC-W
PC SS1 BC-B

PC SS2 BC-W
PC SS2 BC-B

PC SS1 SC-W
PC SS1 SC-B

PC SS2 SC-W
PC SS2 SC-B

PC SS1 PB-W
PC SS1 PB-B

PC SS2 PB-W
PC SS2 PB-B

PC SS1 SB-W
PC SS1 SB-B

PC SS2 SB-W
PC SS2 SB-B

PC SS1 AB-B

PC SS2 AB-B

PC SS1 BK-B

PC SS2 BK-B

PC SS1 WH-W

PC SS2 WH-W

PC SS1 BL-B

PC SS2 BL-B

Insert Colour
 White Plastic



Black Plastic



PC US5 W

PC 6126 W

PC 5258 W

PC 5320 W

PC SHS W

PC US5 B

PC 6126 B

PC 5258 B

PC 5320 B

PC SHS B



PC SS1 PB-W



PC SS2 BC-B

Concealed Fixing Television Coaxial Sockets on Transparent Plates

Insert Colour						
White Plastic	PC TV W Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 25 mm Technical Insert Reference: TV Product Code	PC TVFM W Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 25 mm Technical Insert Reference: TVFM Product Code	PC TVI W Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 25 mm Technical Insert Reference: TVI Product Code	PC TVSAT W Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: TVSAT Product Code	PC SATN W Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: SATN Product Code	PC SATI W Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: SATI Product Code
Black Plastic	PC TV B	PC TVFM B	PC TVI B	PC TVSAT B	PC SATN B	PC SATI B



PC TVFM W



PC DTRID W

Concealed Fixing Digital Television Sockets - Screened Non Isolated - DAB Compatible on Transparent Plates

Insert Colour						
White Plastic	PC DTRID W Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 25 mm Technical Insert Reference: DTRID Product Code	PC DTVF W Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 25 mm Technical Insert Reference: DTVF Product Code	PC DTVM W Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 25 mm Technical Insert Reference: DTVM Product Code	PC DSAT W Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: DSAT Product Code	PC DENT W Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: DENT Product Code	PC DSAT+ W Nom. Plate Size: 146 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: DSAT+ Product Code
Black Plastic	PC DTRID B	PC DTVF B	PC DTVM B	PC DSAT B	PC DENT B	PC DSAT+ B



PC TCS W



PC J45 B

Concealed Fixing Telephone and Data Outlets on Transparent Plates

Insert Colour						
White Plastic	PC TCM W Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 25 mm Technical Insert Reference: TCM Product Code	PC TCS W Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 25 mm Technical Insert Reference: TCS Product Code	PC J12 W Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: J12 Product Code	PC 2J12 W Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: 2J12 Product Code	PC J45 W Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: J45 Product Code	PC 2J45 W Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: 2J45 Product Code
Black Plastic	PC TCM B	PC TCS B	PC J12 B	PC 2J12 B	PC J45 B	PC 2J45 B






PC DPN SC-W



PC 45N W

Concealed Fixing Double Pole Switches on Transparent Plates

Insert Finish	Insert Surround Colour			
Bright Chrome Bright Chrome	White Black	1 gang 20AX Double Pole Rocker + Neon Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 25 mm Technical Insert Reference: DPN Product Code	1 gang 45A Double Pole Red Rocker + Neon Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: 45N Product Code	45A Double Pole Red 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 Black	PC DPN BC-W PC DPN BC-B	- -	PC 45SS1 BC-W PC 45SS1 BC-B
Satin Chrome Satin Chrome	White Black	PC DPN SC-W PC DPN SC-B	- -	PC 45SS1 SC-W PC 45SS1 SC-B
Polished Brass Polished Brass	White Black	PC DPN PB-W PC DPN PB-B	- -	PC 45SS1 PB-W PC 45SS1 PB-B
Satin Brass Satin Brass	White Black	PC DPN SB-W PC DPN SB-B	- -	PC 45SS1 SB-W PC 45SS1 SB-B
Antique Brass	Black	PC DPN AB-B	-	PC 45SS1 AB-B
Black Nickel	Black	PC DPN BK-B	-	PC 45SS1 BK-B
White Plastic Red Plastic	White White	PC DPN WH-W -	- PC 45N W	PC 45SS1 WH-W -
Black Plastic Red Plastic	Black Black	PC DPN BL-B -	- PC 45N B	PC 45SS1 BL-B -





PC SPN BK-B



PC FN AB-R

Concealed Fixing Connection Units on Transparent Plates

Insert Finish	Insert Surround Colour		
Bright Chrome Bright Chrome	White Black	1 gang 13A Double Pole Fused Spur + Neon Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: SPN Product Code	1 gang 13A Fuse with Red Neon Halo Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: FN Product Code
Bright Chrome Bright Chrome	White Black	PC SPN BC-W PC SPN BC-B	PC FN BC-R
Satin Chrome Satin Chrome	White Black	PC SPN SC-W PC SPN SC-B	PC FN SC-R
Polished Brass Polished Brass	White Black	PC SPN PB-W PC SPN PB-B	PC FN PB-R
Satin Brass Satin Brass	White Black	PC SPN SB-W PC SPN SB-B	PC FN SB-R
Antique Brass	Black	PC SPN AB-B	PC FN AB-R
Black Nickel	Black	PC SPN BK-B	PC FN BK-R
White Plastic	White	PC SPN WH-W	PC FN WH-R
Black Plastic	Black	PC SPN BL-B	PC FN BL-R



PC 2X40 BC



PC 3X40 SB

Concealed Fixing Leading Edge Push On/Off Resistive Dimmers on Transparent Plates

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.



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 400W 2 way (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 (Max. 300 watts per gang) Dimmer

Nom. Plate Size: 146 x 86 mm
Min. Wall Box Depth: 35 mm

Technical Insert Reference: **P3X40**
Product Code



4 gang 400W 2 way (Max. 250 watts per gang) Dimmer

Nom. Plate Size: 146 x 86 mm
Min. Wall Box Depth: 35 mm

Technical Insert Reference: **P4X40**
Product Code

Insert Finish

Bright Chrome



PC 1X40 BC

PC 2X40 BC

PC 3X40 BC

PC 4X40 BC

Satin Chrome



PC 1X40 SC

PC 2X40 SC

PC 3X40 SC

PC 4X40 SC

Polished Brass



PC 1X40 PB

PC 2X40 PB

PC 3X40 PB

PC 4X40 PB

Satin Brass



PC 1X40 SB

PC 2X40 SB

PC 3X40 SB

PC 4X40 SB

Antique Brass



PC 1X40 AB

PC 2X40 AB

PC 3X40 AB

PC 4X40 AB

Black Nickel



PC 1X40 BK

PC 2X40 BK

PC 3X40 BK

PC 4X40 BK

White Plastic



PC 1X40 WH

PC 2X40 WH

PC 3X40 WH

PC 4X40 WH

Black Plastic



PC 1X40 BL

PC 2X40 BL

PC 3X40 BL

PC 4X40 BL



PC 1X2V BL



PC 1X3V SC

Concealed Fixing Leading Edge Push On/Off Inductive Dimmers on Transparent Plates

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



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



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

Insert Finish

Bright Chrome



PC 1X2V BC

PC 1X3V BC

Satin Chrome



PC 1X2V SC

PC 1X3V SC

Polished Brass



PC 1X2V PB

PC 1X3V PB

Satin Brass



PC 1X2V SB

PC 1X3V SB

Antique Brass



PC 1X2V AB

PC 1X3V AB

Black Nickel



PC 1X2V BK

PC 1X3V BK

White Plastic



PC 1X2V WH

PC 1X3V WH

Black Plastic



PC 1X2V BL

PC 1X3V BL



PC 2XTE SB



PC 4XTE BL

Concealed Fixing Trailing Edge Push On/Off Dimmers on Transparent Plates

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
--	--	--	---	---

Insert Finish

Insert Finish	PC 1XTE BC	PC 2XTE BC	PC 3XTE BC	PC 4XTE BC
Bright Chrome 				
Satin Chrome 				
Polished Brass 				
Satin Brass 				
Antique Brass 				
Black Nickel 				
White Plastic 				
Black Plastic 				



PC 1XTM AB-B



PC 3XTM BC-W

Concealed Fixing Trailing Edge Touch Master Multi-Way Dimmers on Transparent Plates

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 Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: 1XTM Product Code	2 gang 250W/210VA Trailing Edge Multi-Way Touch Master Dimmer Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: 2XTM Product Code	3 gang 250W/210VA Trailing Edge Multi-Way Touch Master Dimmer Nom. Plate Size: 146 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: 3XTM Product Code	4 gang 250W/210VA Trailing Edge Multi-Way Touch Master Dimmer Nom. Plate Size: 146 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: 4XTM Product Code
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Insert Finish Insert Surround Colour

Insert Finish	Insert Surround Colour	PC 1XTM BC-W PC 1XTM BC-B	PC 2XTM BC-W PC 2XTM BC-B	PC 3XTM BC-W PC 3XTM BC-B	PC 4XTM BC-W PC 4XTM BC-B
Bright Chrome 	White Black				
Satin Chrome 	White Black				
Polished Brass 	White Black				
Satin Brass 	White Black				
Antique Brass 	Black				
Black Nickel 	Black				



PC 1XTS SC-W



PC 2XTS SC-W











Concealed Fixing Touch Slave Controllers on Transparent Plates

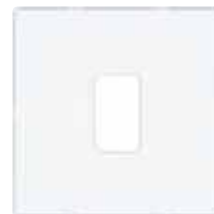
Note: To only be used with Touch Master Dimmers

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.

Insert Finish	Insert Surround Colour	   			
		1 gang Multi-Way Touch Slave Controller Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: 1XTS Product Code	2 gang Multi-Way Touch Slave Controller Nom. Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: 2XTS Product Code	3 gang Multi-Way Touch Slave Controller Nom. Plate Size: 146 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: 3XTS Product Code	4 gang Multi-Way Touch Slave Controller Nom. Plate Size: 146 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: 4XTS Product Code
Bright Chrome	White	PC 1XTS BC-W	PC 2XTS BC-W	PC 3XTS BC-W	PC 4XTS BC-W
Bright Chrome	Black	PC 1XTS BC-B	PC 2XTS BC-B	PC 3XTS BC-B	PC 4XTS BC-B
					
Satin Chrome	White	PC 1XTS SC-W	PC 2XTS SC-W	PC 3XTS SC-W	PC 4XTS SC-W
Satin Chrome	Black	PC 1XTS SC-B	PC 2XTS SC-B	PC 3XTS SC-B	PC 4XTS SC-B
					
Polished Brass	White	PC 1XTS PB-W	PC 2XTS PB-W	PC 3XTS PB-W	PC 4XTS PB-W
Polished Brass	Black	PC 1XTS PB-B	PC 2XTS PB-B	PC 3XTS PB-B	PC 4XTS PB-B
					
Satin Brass	White	PC 1XTS SB-W	PC 2XTS SB-W	PC 3XTS SB-W	PC 4XTS SB-W
Satin Brass	Black	PC 1XTS SB-B	PC 2XTS SB-B	PC 3XTS SB-B	PC 4XTS SB-B
					
Antique Brass	Black	PC 1XTS AB-B	PC 2XTS AB-B	PC 3XTS AB-B	PC 4XTS AB-B
					
Black Nickel	Black	PC 1XTS BK-B	PC 2XTS BK-B	PC 3XTS BK-B	PC 4XTS BK-B
					



PC 1GP








PC 2GP





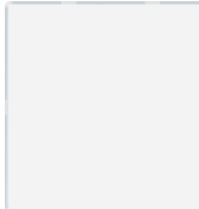

PC 4GP

Concealed Fixing GRID-FIX Transparent Plates complete with Fixing Grid

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





Transparent Plate	   			
	1 gang Aperture Grid Fix Plate Nom. Plate Size: 86 x 86 mm Product Code	2 gang Aperture Grid Fix Plate Nom. Plate Size: 86 x 86 mm Product Code	3 gang Aperture Grid Fix Plate Nom. Plate Size: 146 x 86 mm Product Code	4 gang Aperture Grid Fix Plate Nom. Plate Size: 146 x 86 mm Product Code
GRID-FIX Plates	PC 1GP	PC 2GP	PC 3GP	PC 4GP
				

Concealed Fixing Blank Plates

Transparent Plate	 		
	Single Blank Plate Nom. Plate Size: 86 x 86 mm Product Code	Double Blank Plate Nom. Plate Size: 146 x 86 mm Product Code	
Blank Plates	PC BPS	PC BPD	
			PC BPS

Concealed Fixing EuroFix Plates complete with Fixing Grid

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

Transparent Plate	 		
	2 Module EuroFix Plate Nom. Plate Size: 86 x 86 mm Aperture: 50 x 50 mm Product Code	4 Module EuroFix Plate Nom. Plate Size: 146 x 86 mm Aperture: 100 x 50 mm Product Code	
EuroFix Plates	PC EURO2	PC EURO4	
			PC EURO2

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:

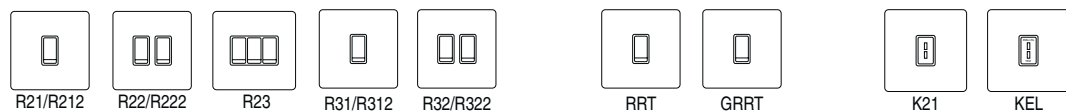
2 WAY ROCKER

INTERMEDIATE ROCKER

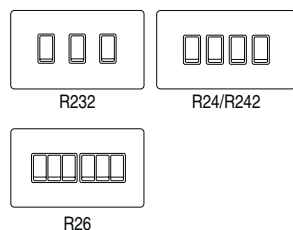
PUSH TO MAKE ROCKER

KEY SWITCH

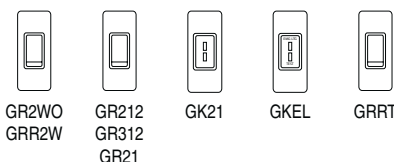
60.3mm



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

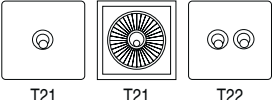
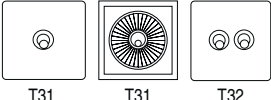
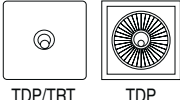

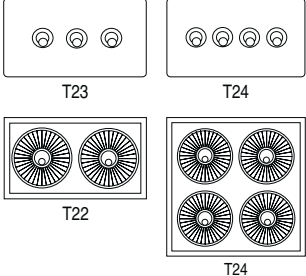
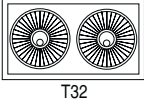
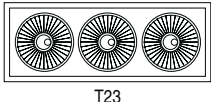

Location: Internal Use Only
Max Installation Altitude: 2000m

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

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 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

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

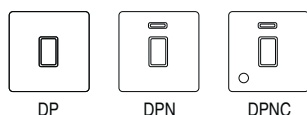
TERMINAL CAPACITY:

	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		

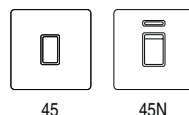
Fixing Centres:

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

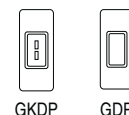
20AMP DP ROCKER SWITCH



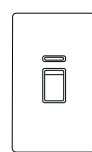
45AMP DP ROCKER SWITCH



GRID-IT MODULE Fits 1 Grid-IT aperture

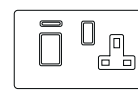


120.6mm



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:

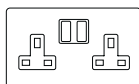
13A SWITCHED SOCKETS

60.3mm



SS1

120.6mm



SS2

Fixing Centres:

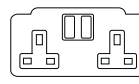
GRID-IT SWITCHED SOCKETS MODULES

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:

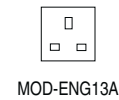
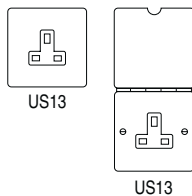
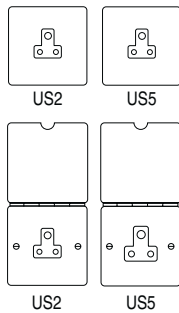
BS EN ISO Standard:
 2A and 5A Unswitched BS 546
 13A Unswitched BS 1363-2

TERMINAL CAPACITY:

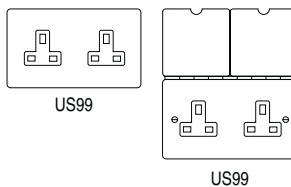
	1mm ²	1.5mm ²	2.5mm ²	4mm ²	6mm ² Multi-strand	10mm ²
2A and 5A Terminal Capacity	5	4	2	1		
2A and 5A Earth Terminal Capacity	5	4	2	1		
13A Terminal Capacity			5	3	2	1
13A Earth Terminal Capacity			5	3	2	1

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:

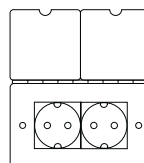
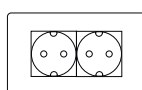
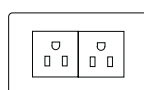
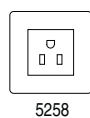
BS EN ISO Standard: BS 5733
 IEC 60884-1

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:

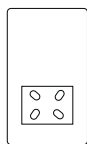
BS EN ISO Standard: BS EN 61558
 BS 4573

TERMINAL CAPACITY:

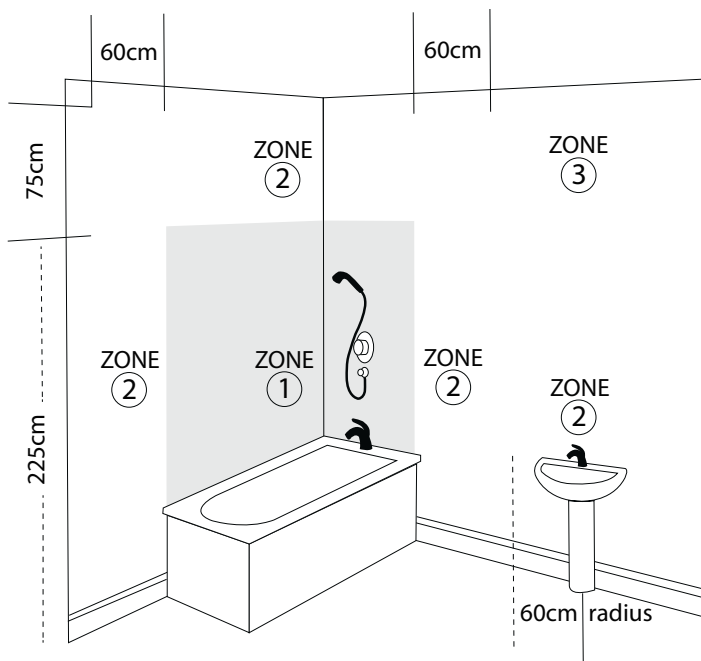
	1mm ²	1.5mm ²	2.5mm ²	4mm ² Multi-Strand	6mm ²
Terminal Capacity	5	4	3	2	1
Earth Terminal Capacity	9	6	4	2	1

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:

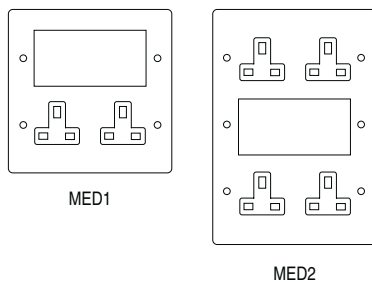
BS EN ISO Standard:	(Socket) BS 1363-2
----------------------------	--------------------

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 0.75mm ² Max 2.5mm ²
Location:	Internal Use Only
Max Installation Altitude:	2000m

STANDARDS:

BS EN ISO Standard:	
Switched Fuse/Unswitched	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.

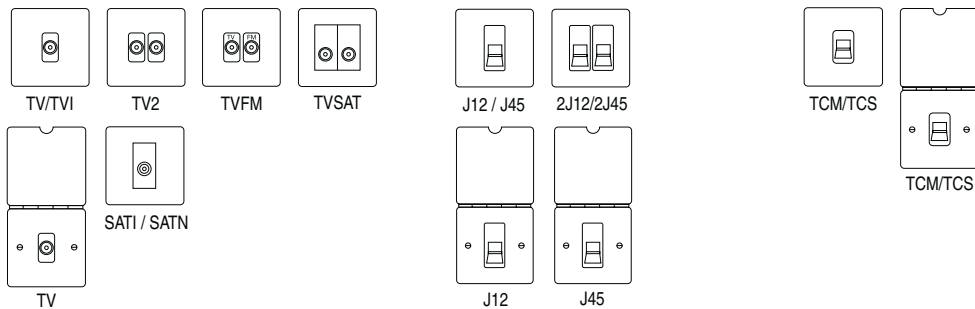
Note for SATI only: Isolated F-type satellite outlet, where a DC signal back to the LNB unit on the satellite dish is not required.

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

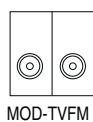
60.3mm



Fits one Euro1 aperture



Fits one Euro2 aperture



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:

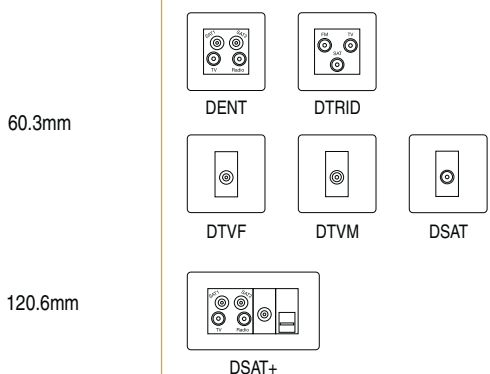
	1mm ²	1.5mm ²	2.5mm ²	4mm ² Multi-Strand	6mm ²
Earth Terminal Capacity	5	4	3	1	1

FREQUENCIES:

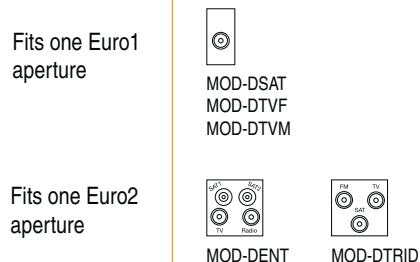
Module	Frequency 1	Frequency 2	Frequency 3	Frequency 4	DC	Frequency Range
DTVM	Frequency 1				FM DC	5-2200 MHz
DSAT	Frequency 1				SAT DC	5-2200 MHz
DTVf	Frequency 1				TV DC	5-2200 MHz
DENT/DTRID/DSAT+	Frequency 1				TV	5-68 MHz 125-860 MHz
	Frequency 2				FM	88-108 MHz
	Frequency 3				SAT DC	950-2200 MHz
DSAT+	Frequency 4				TV DC	5-2200 MHz

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

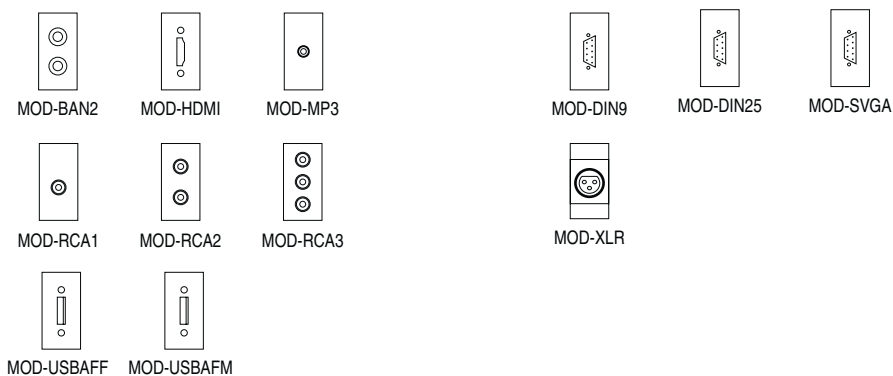
Note: Mains operated and extra low voltage products must not be installed in the same face plate aperture. When installing within the same back box phase barriers MUST be used to separate the two voltages. See BS 7671 Wiring regulations for further details.

	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 ± 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**



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**
-----	--

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

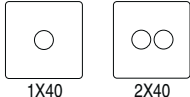
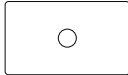
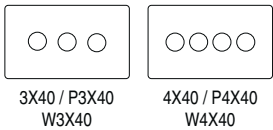
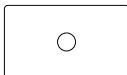
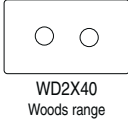

Location: Internal Use Only
Max Installation Altitude: 2000m

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

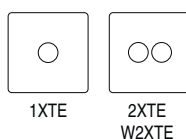
TRAILING EDGE TECHNOLOGY DIMMERS. Are suitable for control of both resistive and inductive loads. When used for dimming low voltage electronic halogen transformers it must be noted that the dimmer controls the primary side of the transformer.

Fixing Centres:

TRAILING EDGE DIMMER

GRID-IT TRAILING EDGE DIMMER MODULES

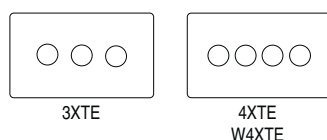
60.3mm



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:

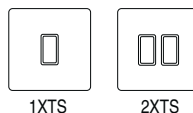
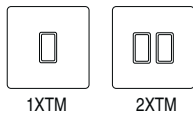
	1mm ²	1.5mm ²	2.5mm ²	4mm ² Multi-Strand	6mm ²
Terminal Capacity	2	2			
Earth Terminal Capacity	5	4	3	1	1

Fixing Centres:

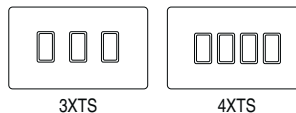
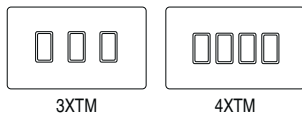
TOUCH MASTER DIMMER

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

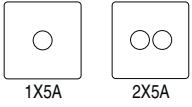

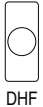
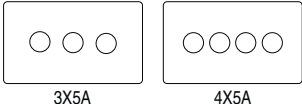
Location:	Internal Use Only
Max Installation Altitude:	2000m

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



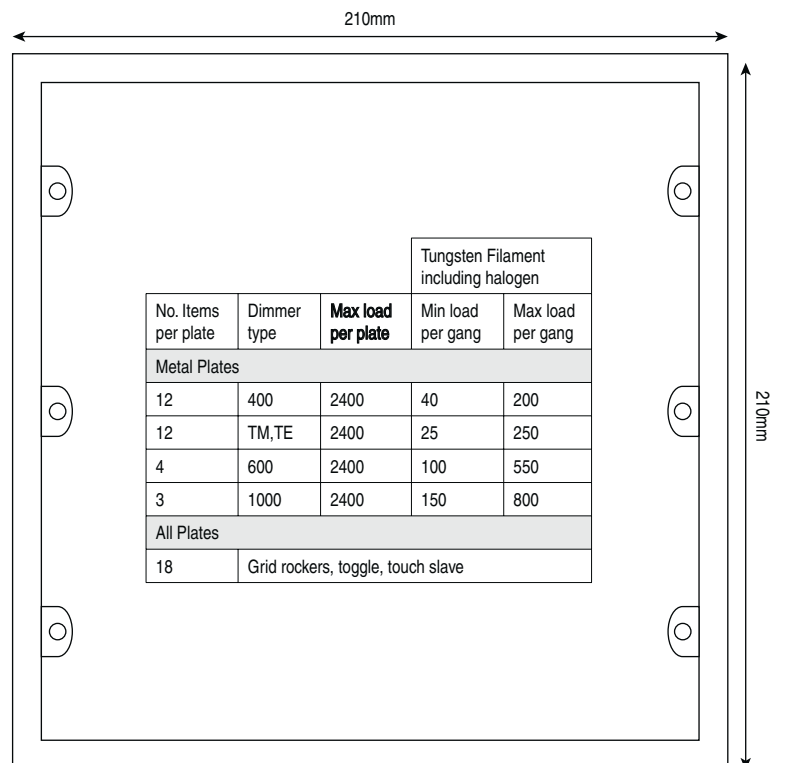
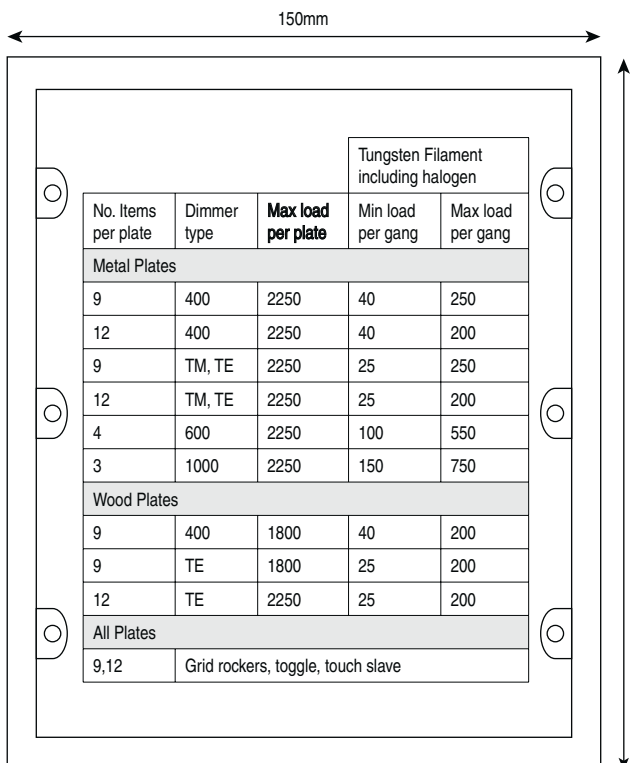
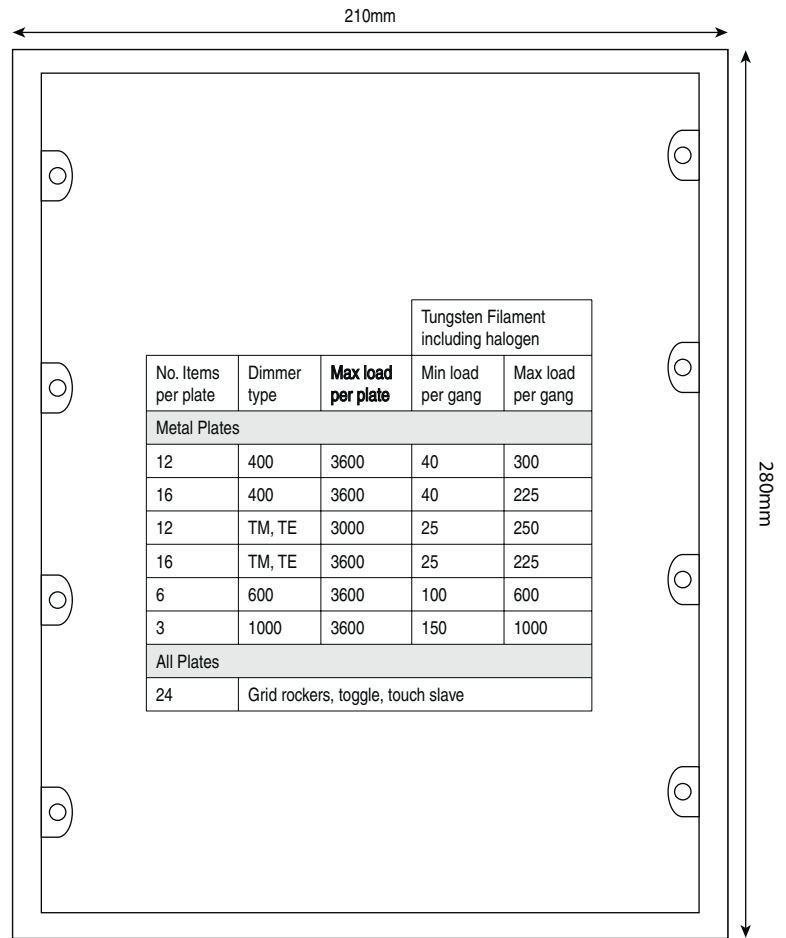
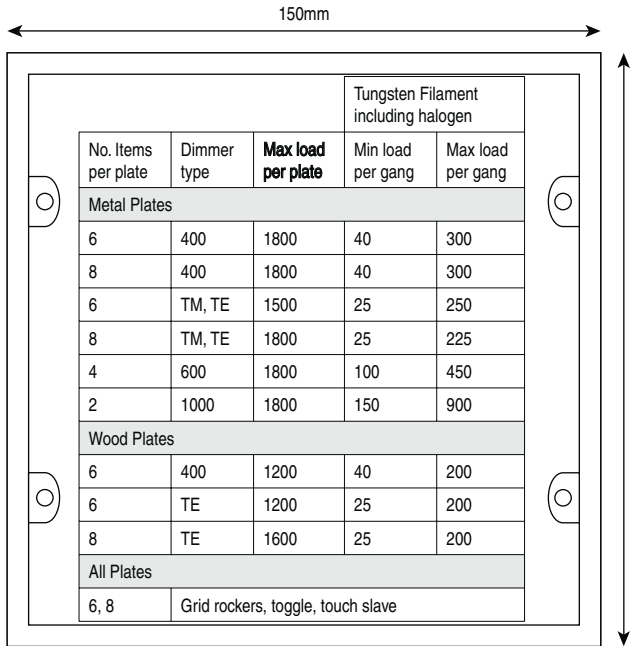
GNO

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.

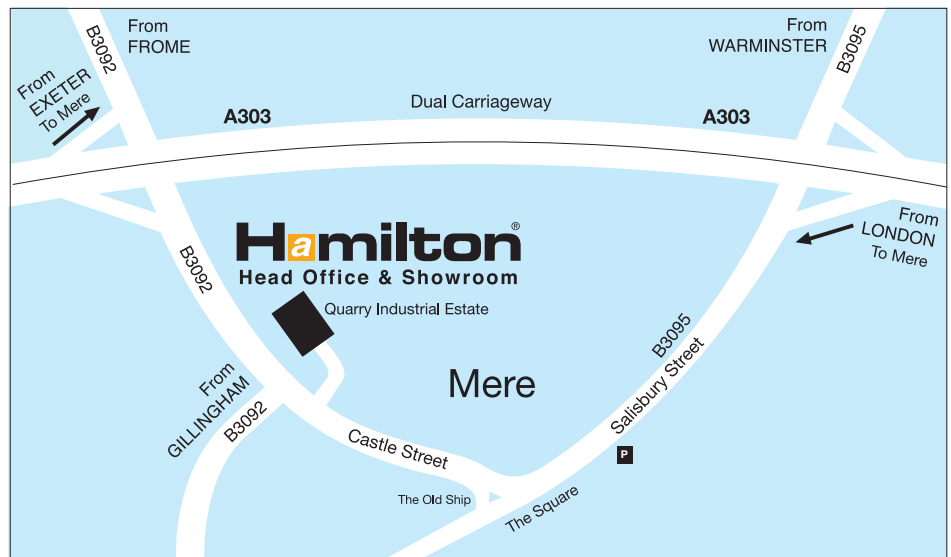


See dimmer information for Linea Halogen and GU10 LED

Head Office and Showroom:

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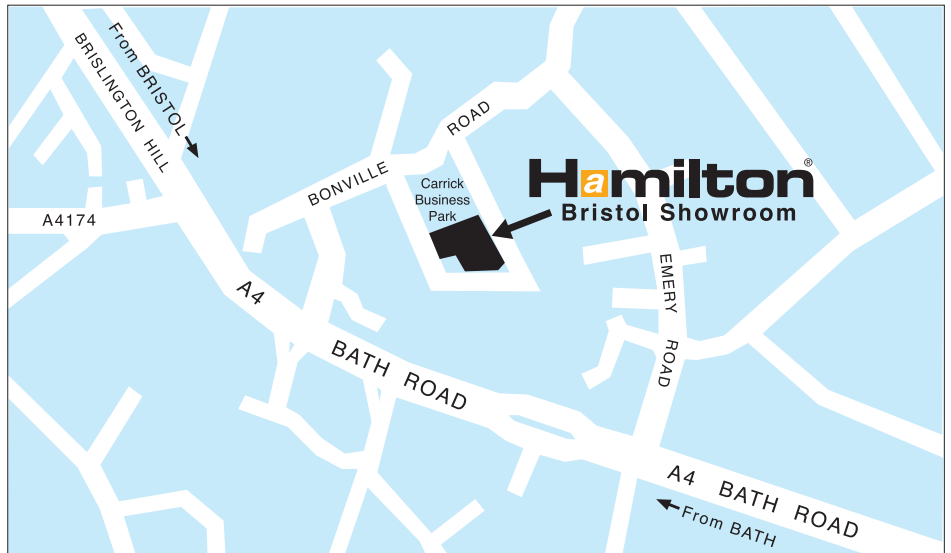
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R Hamilton & Co Ltd
Quarry Industrial Estate • Mere • Wiltshire • BA12 6LA • UK
Tel: +44 (0)1747 860088 • Fax: +44 (0)1747 861032
Email: info@hamilton-litestat.com
www.hamilton-litestat.com