

Hamilton® Hartland CFX® Colours

Concealed Fixing Accessories on glossy Colour Slim Plates

The Hartland CFX® Colours range will enhance any surrounding and its patented concealed fixing system affords seamless styling and sophistication. It has a sleek finish that is attractive and tactile, whilst the practical robust plastic provides a lower priced alternative to the metal designs.

- A member of the Hartland 'family'
- Practical, robust plastic
- Concealed fixing
- Comprehensive range of electrical accessories
- Further flexibility for the cost-conscious designer
- Grid Fix and Eurofix options also available (see separate GRID-IT and EuroFix sections)



7WC TCM W



7WC C11 WH-W



7WC R22 WH-W



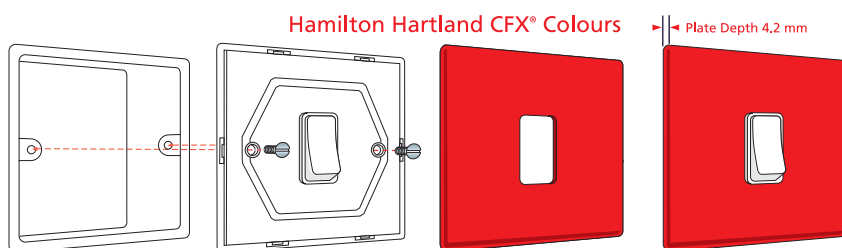
7RC K21 WH-W



7RC R23 WH-W














7BC 45N B













Hamilton® *fashion, finish, function and flexibility*

Concealed Fixing Rocker Switches on Colour Plates

 <p>7WC R21 WH-W</p>							
	<p>1 gang 10AX 2 way Rocker Nominal Plate Size: 86 x 86 mm Min. Wall Box Depth: 25 mm Technical Insert Reference: R21 Product Code</p>	<p>2 gang 10AX 2 way Rocker Nominal Plate Size: 86 x 86 mm Min. Wall Box Depth: 25 mm Technical Insert Reference: R22 Product Code</p>	<p>3 gang 10AX 2 way Rocker Nominal Plate Size: 86 x 86 mm Min. Wall Box Depth: 25 mm Technical Insert Reference: R23 Product Code</p>	<p>4 gang 10AX 2 way Rocker Nominal Plate Size: 145 x 86 mm Min. Wall Box Depth: 25 mm Technical Insert Reference: R24 Product Code</p>	<p>1 gang 10AX Intermediate Rocker Nominal Plate Size: 86 x 86 mm Min. Wall Box Depth: 25 mm Technical Insert Reference: R31 Product Code</p>	<p>1 gang 10A Triple Pole Rocker Nominal Plate Size: 86 x 86 mm Min. Wall Box Depth: 25 mm Technical Insert Reference: TP Product Code</p>	
<p>Plate Colour Insert and Surround Colour</p>							
<p>White Plastic White Plastic</p> 	7WC R21 WH-W	7WC R22 WH-W	7WC R23 WH-W	7WC R24 WH-W	7WC R31 WH-W	7WC TP WH-W	
<p>Black Plastic Black Plastic</p> 	7BC R21 BL-B	7BC R22 BL-B	7BC R23 BL-B	7BC R24 BL-B	7BC R31 BL-B	7BC TP BL-B	
<p>Red Plastic White Plastic</p> 	7RC R21 WH-W	7RC R22 WH-W	7RC R23 WH-W	7RC R24 WH-W	7RC R31 WH-W	7RC TP WH-W	
<p>Red Plastic Black Plastic</p> 	7RC R21 BL-B	7RC R22 BL-B	7RC R23 BL-B	7RC R24 BL-B	7RC R31 BL-B	7RC TP BL-B	

Concealed Fixing Rocker Switches on Colour Plates

 <p>7BC R222 BL-B</p>						
	<p>1 gang 20AX 2 way Rocker Nominal Plate Size: 86 x 86 mm Min. Wall Box Depth: 25 mm Technical Insert Reference: R212 Product Code</p>	<p>2 gang 20AX 2 way Rocker Nominal Plate Size: 86 x 86 mm Min. Wall Box Depth: 25 mm Technical Insert Reference: R222 Product Code</p>	<p>3 gang 20AX 2 way Rocker Nominal Plate Size: 145 x 86 mm Min. Wall Box Depth: 25 mm Technical Insert Reference: R232 Product Code</p>	<p>4 gang 20AX 2 way Rocker Nominal Plate Size: 145 x 86 mm Min. Wall Box Depth: 25 mm Technical Insert Reference: R242 Product Code</p>	<p>1 gang 20AX Intermediate Rocker Nominal Plate Size: 86 x 86 mm Min. Wall Box Depth: 25 mm Technical Insert Reference: R312 Product Code</p>	
<p>Plate Colour Insert and Surround Colour</p>						
<p>White Plastic White Plastic</p> 	7WC R212 WH-W	7WC R222 WH-W	7WC R232 WH-W	7WC R242 WH-W	7WC R312 WH-W	
<p>Black Plastic Black Plastic</p> 	7BC R212 BL-B	7BC R222 BL-B	7BC R232 BL-B	7BC R242 BL-B	7BC R312 BL-B	
<p>Red Plastic White Plastic</p> 	7RC R212 WH-W	7RC R222 WH-W	7RC R232 WH-W	7RC R242 WH-W	7RC R312 WH-W	
<p>Red Plastic Black Plastic</p> 	7RC R212 BL-B	7RC R222 BL-B	7RC R232 BL-B	7RC R242 BL-B	7RC R312 BL-B	

Hartland CFX R21 is a UK Registered Design Certificate No. 302446
Hartland CFX SS2 is a UK Registered Design Certificate No. 302445

Hartland CFX R21 is a Chinese Registered Design Certificate No. 605758
Hartland CFX SS2 is a Chinese Registered Design Certificate No. 659289

Hamilton® Hartland CFX® Colours

Concealed Fixing Key Switches on Colour Plates



7RC K21 W



1 gang 20AX Key Switch

Nominal Plate Size: 86 x 86 mm

Min. Wall Box Depth: 25 mm

Technical Insert Reference: **K21**

Product Code

Plate Colour **Insert and Surround Colour**

White Plastic **White Plastic**



7WC K21 W

Black Plastic **Black Plastic**



7BC K21 B

Red Plastic **White Plastic**



7RC K21 W

Red Plastic **Black Plastic**



7RC K21 B

Concealed Fixing Hotel Card Switches with LED on Colour Plates



7WC C11 WH-W



1 gang 10A (6AX) On/Off with Blue LED Locator

Nominal Plate Size: 86 x 86 mm

Min. Wall Box Depth: 35 mm

Technical Insert Reference: **C11**

Product Code

Plate Colour **Insert and Surround Colour**

White Plastic **White Plastic**



7WC C11 WH-W

Black Plastic **Black Plastic**



7BC C11 BL-B

Red Plastic **White Plastic**



7RC C11 WH-W

Red Plastic **Black Plastic**



7RC C11 BL-B



1 gang 12-24V AC/DC +/- 10% On/Off with Blue LED Locator (Suitable for KNX BUS System)

Nominal Plate Size: 86 x 86 mm

Min. Wall Box Depth: 35 mm

Technical Insert Reference: **CKNX**

Product Code

7WC CKNX WH-W

7BC CKNX BL-B

7RC CKNX WH-W

7RC CKNX BL-B

Concealed Fixing Power Sockets on Colour Plates



7WC SS2 WH-W



1 gang 13A Double Pole Switched Socket

Nominal 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

Nominal Plate Size: 145 x 86 mm

Min. Wall Box Depth: 35 mm

Technical Insert Reference: **SS2**

Product Code



1 gang 5A Unswitched Socket

Nominal Plate Size: 86 x 86 mm

Min. Wall Box Depth: 35 mm

Technical Insert Reference: **US5**

Product Code



1 gang 16A German Unswitched Socket

Nominal Plate Size: 86 x 86 mm

Min. Wall Box Depth: 47 mm

Technical Insert Reference: **6126**

Product Code



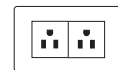
1 gang 15A American Unswitched Socket

Nominal Plate Size: 86 x 86 mm

Min. Wall Box Depth: 35 mm

Technical Insert Reference: **5258**

Product Code



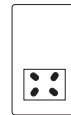
2 gang 15A American Unswitched Socket

Nominal Plate Size: 145 x 86 mm

Min. Wall Box Depth: 35 mm

Technical Insert Reference: **5320**

Product Code



Shaver Dual Voltage Unswitched Socket

Nominal Plate Size: 86 x 145 mm

Min. Wall Box Depth: 47 mm

Technical Insert Reference: **SHS**

Product Code

Plate Colour **Insert and Surround Colour**

White Plastic **White Plastic**



7WC SS1 WH-W

7WC SS2 WH-W

7WC US5 W

7WC 6126 W

7WC 5258 W

7WC 5320 W

7WC SHS W

Black Plastic **Black Plastic**



7BC SS1 BL-B

7BC SS2 BL-B

7BC US5 B

7BC 6126 B

7BC 5258 B

7BC 5320 B

7BC SHS B

Red Plastic **White Plastic**



7RC SS1 WH-W

7RC SS2 WH-W

7RC US5 W

7RC 6126 W

7RC 5258 W

7RC 5320 W

7RC SHS W

Red Plastic **Black Plastic**



7RC SS1 BL-B

7RC SS2 BL-B

7RC US5 B

7RC 6126 B

7RC 5258 B

7RC 5320 B

7RC SHS B

Hamilton® Hartland CFX® Colours

Concealed Fixing USB Power Sockets on Colour Plates



7RC USB99 W

2 gang 13A Unswitched Socket + 2 x USB Charging Points

Nominal Plate Size: 145 x 86 mm
Min. Wall Box Depth: 35 mm
Technical Insert Reference: **USB99**



Plate Colour	Insert Colour	Product Code
White Plastic	White Plastic	7WC USB99 W
Black Plastic	Black Plastic	7BC USB99 B
Red Plastic	White Plastic	7RC USB99 W
Red Plastic	Black Plastic	7RC USB99 B

Concealed Fixing Double Pole Switches on Colour Plates



7WC 45N WH-W



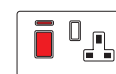
1 gang 20AX Double Pole Rocker + Neon

Nominal Plate Size: 86 x 86 mm
Min. Wall Box Depth: 25 mm
Technical Insert Reference: **DPN**



1 gang 45A Double Pole Red Rocker + Neon

Nominal Plate Size: 86 x 86 mm
Min. Wall Box Depth: 35 mm
Technical Insert Reference: **45N**



45A Double Pole Red Rocker + Neon + 13A Switched Socket

Nominal Plate Size: 145 x 86 mm
Min. Wall Box Depth: 35 mm
Technical Insert Reference: **45SS1**

Plate Colour	Insert Colour	Surround Colour	Product Code	Product Code	Product Code
White Plastic	White Plastic Red Plastic	White White	7WC DPN WH-W -	- 7WC 45N W	7WC 45SS1 WH-W -
Black Plastic	Black Plastic Red Plastic	Black Black	7BC DPN BL-B -	- 7BC 45N B	7BC 45SS1 BL-B -
Red Plastic	White Plastic Red Plastic	White White	7RC DPN WH-W -	- 7RC 45N W	7RC 45SS1 WH-W -
Red Plastic	Black Plastic Red Plastic	Black Black	7RC DPN BL-B -	- 7RC 45N B	7RC 45SS1 BL-B -

Concealed Fixing Television Coaxial Sockets on Colour Plates



7BC TV B



1 gang Non Isolated TV 1 In/1 Out

Nominal Plate Size: 86 x 86 mm
Min. Wall Box Depth: 25 mm

Technical Insert Reference: **TV**



Isolated TV/FM Diplexer 1 In/2 Out

Nominal Plate Size: 86 x 86 mm
Min. Wall Box Depth: 25 mm

Technical Insert Reference: **TVFM**



1 gang Isolated TV 1 In/1 Out

Nominal Plate Size: 86 x 86 mm
Min. Wall Box Depth: 25 mm

Technical Insert Reference: **TVI**



2 gang Non Isolated TV + Satellite 2 In/2 Out

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

Technical Insert Reference: **TVSAT**



1 gang Non Isolated Satellite

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

Technical Insert Reference: **SATN**



1 gang Isolated Satellite

Nominal Plate
Min. Wall Box Depth: 35 mm

Technical Insert Reference: **SATI**

Plate Colour	Insert Colour	Product Code	Product Code	Product Code	Product Code	Product Code	Product Code
White Plastic	White Plastic	7WC TV W	7WC TVFM W	7WC TVI W	7WC TVSAT W	7WC SATN W	7WC SATI W
Black Plastic	Black Plastic	7BC TV B	7BC TVFM B	7BC TVI B	7BC TVSAT B	7BC SATN B	7BC SATI B
Red Plastic	White Plastic	7RC TV W	7RC TVFM W	7RC TVI W	7RC TVSAT W	7RC SATN W	7RC SATI W
Red Plastic	Black Plastic	7RC TV B	7RC TVFM B	7RC TVI B	7RC TVSAT B	7RC SATN B	7RC SATI B

Hamilton® Hartland CFX® Colours

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



7RC DENT W




Plate Colour	Insert Colour	Non Isolated TV/FM/Satellite Triplexer 1 In/3 Out Nominal Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: DTRID Product Code	1 gang Non Isolated TV (Female) Nominal Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: DTVF Product Code	1 gang Non Isolated TV (Male) Nominal Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: DTVM Product Code	1 gang Non Isolated Satellite Nominal 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 Nominal 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 Nominal Plate Size: 145 x 86 mm Min. Wall Box Depth 35 mm Technical Insert Reference: DSAT+ Product Code
White Plastic 	White Plastic	7WC DTRID W	7WC DTVF W	7WC DTVM W	7WC DSAT W	7WC DENT W	7WC DSAT+ W
Black Plastic 	Black Plastic	7BC DTRID B	7BC DTVF B	7BC DTVM B	7BC DSAT B	7BC DENT B	7BC DSAT+ B
Red Plastic 	White Plastic	7RC DTRID W	7RC DTVF W	7RC DTVM W	7RC DSAT W	7RC DENT W	7RC DSAT+ W
Red Plastic 	Black Plastic	7RC DTRID B	7RC DTVF B	7RC DTVM B	7RC DSAT B	7RC DENT B	7RC DSAT+ B

Concealed Fixing Telephone & Data Outlets on Colour Plates















7WC J45 W



Plate Colour	Insert Colour	1 gang Telephone Master Nominal Plate Size: 86 x 86 mm Min. Wall Box Depth: 25 mm Technical Insert Reference: TCM Product Code	1 gang Telephone Slave Nominal Plate Size: 86 x 86 mm Min. Wall Box Depth: 25 mm Technical Insert Reference: TCS Product Code	1 gang RJ12 Outlet Unshielded Nominal Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: J12 Product Code	2 gang RJ12 Outlet Unshielded Nominal 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 Nominal 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 Nominal Plate Size: 86 x 86 mm Min. Wall Box Depth 35 mm Technical Insert Reference: 2J45 Product Code
White Plastic 	White Plastic	7WC TCM W	7WC TCS W	7WC J12 W	7WC 2J12 W	7WC J45 W	7WC 2J45 W
Black Plastic 	Black Plastic	7BC TCM B	7BC TCS B	7BC J12 B	7BC 2J12 B	7BC J45 B	7BC 2J45 B
Red Plastic 	White Plastic	7RC TCM W	7RC TCS W	7RC J12 W	7RC 2J12 W	7RC J45 W	7RC 2J45 W
Red Plastic 	Black Plastic	7RC TCM B	7RC TCS B	7RC J12 B	7RC 2J12 B	7RC J45 B	7RC 2J45 B

Concealed Fixing Connection Units on Colour Plates

 7RC SPN WH-W		 1 gang 13A Double Pole Fused Spur + Neon Nominal Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: SPN Product Code	 7BC FN R			 1 gang 13A Fuse with Red Neon Halo Nominal Plate Size: 86 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: FN Product Code
Plate Colour	Insert and Surround Colour		Plate Colour	Insert Colour	Surround Colour	
White Plastic	White Plastic	7WC SPN WH-W	White Plastic	White Plastic	Red Halo	7WC FN WH-R
						
Black Plastic	Black Plastic	7BC SPN BL-B	Black Plastic	Black Plastic	Red Halo	7BC FN BL-R
						
Red Plastic	White Plastic	7RC SPN WH-W	Red Plastic	White Plastic	Red Halo	7RC FN WH-R
						
Red Plastic	Black Plastic	7RC SPN BL-B	Red Plastic	Black Plastic	Red Halo	7RC FN BL-R
						

Concealed Fixing Leading Edge Push On/Off Resistive Dimmers on Colour 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.

 7WC 1X40 WH		 1 gang 400W 2 way Dimmer Nominal 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 Nominal 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 Nominal Plate Size: 145 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 Nominal Plate Size: 145 x 86 mm Min. Wall Box Depth: 35 mm Technical Insert Reference: P4X40 Product Code
Plate Colour	Insert Colour				
White Plastic	White Plastic	7WC 1X40 WH	7WC 2X40 WH	7WC 3X40 WH	7WC 4X40 WH
					
Black Plastic	Black Plastic	7BC 1X40 BL	7BC 2X40 BL	7BC 3X40 BL	7BC 4X40 BL
					
Red Plastic	White Plastic	7RC 1X40 WH	7RC 2X40 WH	7RC 3X40 WH	7RC 4X40 WH
					
Red Plastic	Black Plastic	7RC 1X40 BL	7RC 2X40 BL	7RC 3X40 BL	7RC 4X40 BL
					

Hamilton® Hartland CFX® Colours

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



7RC 1X2V WH
Insert Colour

Plate Colour



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

**1 gang 200VA
2 way Dimmer**
Nominal Plate Size:
86 x 86 mm
Min. Wall Box
Depth: 35 mm
Technical Insert
Reference: **1X2V**
Product Code

**1 gang 300VA
2 way Dimmer**
Nominal Plate Size:
86 x 86 mm
Min. Wall Box
Depth: 35 mm
Technical Insert
Reference: **1X3V**
Product Code

White Plastic

White Plastic

7WC 1X2V WH

7WC 1X3V WH



Black Plastic

Black Plastic

7BC 1X2V BL

7BC 1X3V BL



Red Plastic

White Plastic

7RC 1X2V WH

7RC 1X3V WH



Red Plastic

Black Plastic

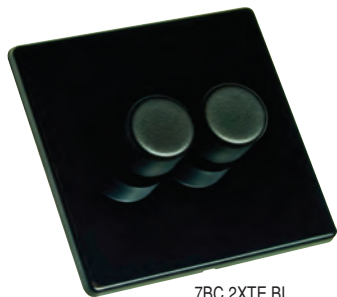
7RC 1X2V BL

7RC 1X3V BL



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

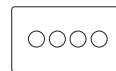
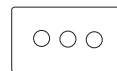
Note: Tungsten filament GU10 lamps must be branded and with a fused base. Note: When using mains voltage halogen lamps - dimmers should be de-rated by 25%.
Note: When using mains voltage halogen load transformers - maximum rating is 210VA. Note: When dimming LED lamps de-rate by 75% - please contact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



7BC 2XTE BL

Plate Colour

Insert Colour



**1 gang 250W/210VA
Trailing Edge
Multi-Way
Dimmer**
Nominal 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**
Nominal 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**
Nominal Plate Size:
145 x 86 mm
Min. Wall Box
Depth: 35 mm
Technical Insert
Reference: **3XTE**
Product Code

**4 gang 250W/210VA
Trailing Edge
Multi-Way
Dimmer**
Nominal Plate Size:
145 x 86 mm
Min. Wall Box
Depth: 35 mm
Technical Insert
Reference: **4XTE**
Product Code

White Plastic

White Plastic

7WC 1XTE WH

7WC 2XTE WH

7WC 3XTE WH

7WC 4XTE WH



Black Plastic

Black Plastic

7BC 1XTE BL

7BC 2XTE BL

7BC 3XTE BL

7BC 4XTE BL



Red Plastic

White Plastic

7RC 1XTE WH

7RC 2XTE WH

7RC 3XTE WH

7RC 4XTE WH



Red Plastic

Black Plastic

7RC 1XTE BL

7RC 2XTE BL

7RC 3XTE BL

7RC 4XTE BL






Concealed Fixing Colour Blank Plates



7RC BPS



Plate Colour	Single Blank Plate Nominal Plate Size: 86 x 86 mm Technical Insert Reference: BPS Product Code	Double Blank Plate Nominal Plate Size: 145 x 86 mm Technical Insert Reference: BPD Product Code
White Plastic 	7WC BPS	7WC BPD
Black Plastic 	7BC BPS	7BC BPD
Red Plastic 	7RC BPS	7RC BPD




Concealed Fixing Colour EuroFix Plates complete with Fixing Grid



7WC EURO2



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

Plate Colour	2 Module EuroFix Plate Nominal Plate Size: 86 x 86 mm Technical Insert Reference: EURO2 Aperture: 50 x 50 mm Product Code	4 Module EuroFix Plate Nominal Plate Size: 145 x 86 mm Technical Insert Reference: EURO4 Aperture: 100 x 50 mm Product Code
White Plastic 	7WC EURO2	7WC EURO4
Black Plastic 	7BC EURO2	7BC EURO4
Red Plastic 	7RC EURO2	7RC EURO4




Concealed Fixing GRID-IT Grid Fix Plates complete with Fixing Grid

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



7WC 2GP



Plate Colour	1 gang Aperture Grid Fix Nominal Plate Size: 86 x 86 mm Technical Insert Reference: 1GP Product Code	2 gang Aperture Grid Fix Nominal Plate Size: 86 x 86 mm Technical Insert Reference: 2GP Product Code	3 gang Aperture Grid Fix Nominal Plate Size: 145 x 86 mm Technical Insert Reference: 3GP Product Code	4 gang Aperture Grid Fix Nominal Plate Size: 145 x 86 mm Technical Insert Reference: 4GP Product Code
White Plastic 	7WC 1GP	7WC 2GP	7WC 3GP	7WC 4GP
Black Plastic 	7BC 1GP	7BC 2GP	7BC 3GP	7BC 4GP
Red Plastic 	7RC 1GP	7RC 2GP	7RC 3GP	7RC 4GP

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
CFXRRT	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

Standard Hamilton manufactured electrical accessories are designed to be mounted on BS4662:2006 flush wall boxes.

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

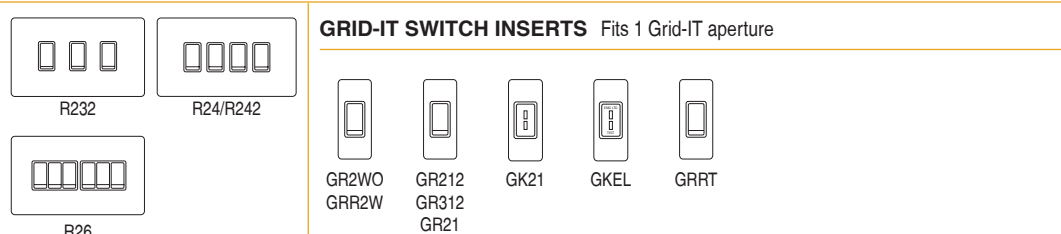
PUSH TO MAKE ROCKER

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 AC 6A 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

Standard Hamilton manufactured electrical accessories are designed to be mounted on BS4662:2006 flush wall boxes.

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:

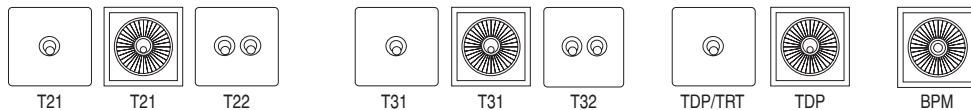
2 WAY TOGGLE

INTERMEDIATE TOGGLE

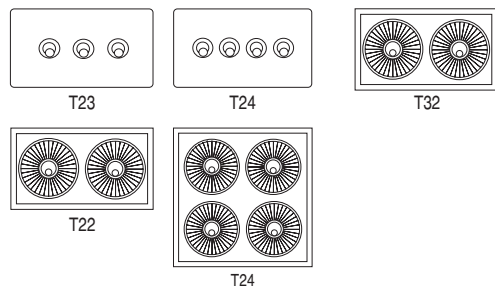
DOUBLE POLE & RETRACTIVE

BELL PUSH SWITCH

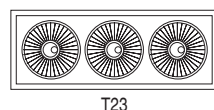
60.3mm



120.6mm



182mm



Bloomsbury Range

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	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	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

Standard Hamilton manufactured electrical accessories are designed to be mounted on BS4662:2006 flush wall boxes.

STANDARDS:

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

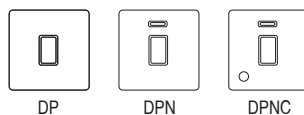
TERMINAL CAPACITY:

	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		

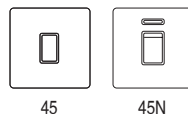
Fixing Centres:

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

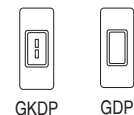
20AMP DP ROCKER SWITCH



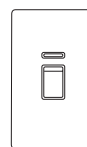
45AMP DP ROCKER SWITCH



GRID-IT MODULE Fits 1 Grid-IT aperture

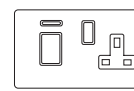


120.6mm



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 Rocker

TECHNICAL SPECIFICATION:

Current Rating: 10 Amp
Voltage: 220/250V AC
IP Rating: IP2XD
Max Load: 10 Amp Resistive
Switched Poles: Triple
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

Standard Hamilton manufactured electrical accessories are designed to be mounted on BS4662:2006 flush wall boxes.

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	5	4	3	1	1

Fixing Centres: **TRIPLE POLE FAN ISOLATOR**

60.3mm



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

Standard Hamilton manufactured electrical accessories are designed to be mounted on BS4662:2006 flush wall boxes.

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

EUROFIX CARD SWITCH/KNX

60.3mm

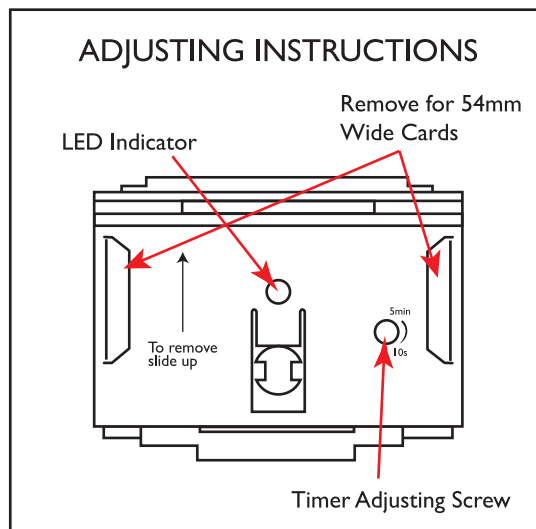


C11/CKNX

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
Dual Earth:	Yes

Standard Hamilton manufactured electrical accessories are designed to be mounted on BS4662:2006 flush wall boxes.

STANDARDS:

BS EN ISO Standard:	BS 1363-2 Inc. amendment 1,2,3
ASTA Licence No:	1046 (SS1 and SS2 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:

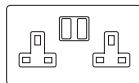
13A SWITCHED SOCKETS

60.3mm



SS1

120.6mm



SS2

Fixing Centres:

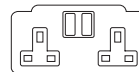
60.3mm grid to wall box
49.2mm plate to grid

120.6mm grid to wall box
106.5mm plate to grid

GRID-IT SWITCHED SOCKETS MODULES



GSS1



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
Shuttered:	Yes

Standard Hamilton manufactured electrical accessories are designed to be mounted on BS4662:2006 flush wall boxes.

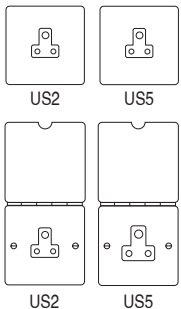
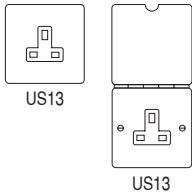

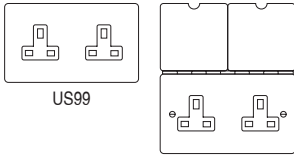
STANDARDS:

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			3	3	2	1
13A Earth Terminal Capacity			3	3	2	1

Fixing Centres:	2A & 5A UNSWITCHED SOCKETS	13A UNSWITCHED SOCKETS	EUROFIX 13A UNSWITCHED SOCKET MODULE
60.3mm	 <p>US2 US5</p> <p>US2 US5</p>	 <p>US13</p> <p>US13</p>	 <p>MOD-ENG13A</p>
120.6mm		 <p>US99</p> <p>US99</p>	

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

Shuttered: Yes
 Standard Hamilton manufactured electrical accessories are designed to be mounted on BS4662:2006 flush wall boxes.



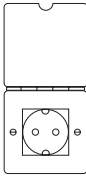


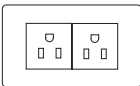
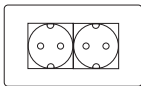
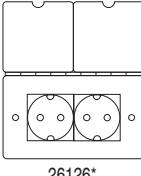

STANDARDS:

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


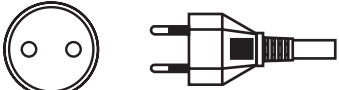
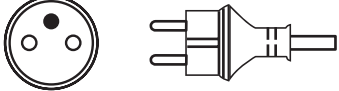
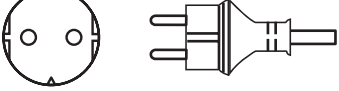








60.3mm	 5258	 6126*	 6126*	 MOD-USA	 MOD-UNIV*
120.6mm	 5320	 26126*	 26126*	 MOD-GER16A*	*Requires 47mm deep mounting box

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

PLUGS SUITABLE FOR USE WITH MOD-UNIV13* SOCKET MODULE

Plug Type		Rating	Country	Visual
2-pin plug (Non-Earth)	Type A	2.5A, 250V	North America (United States) and in many other countries including Canada, Mexico, Guatemala, Jamaica and Venezuela	
2-pin plug (Euro)	Type C	2.5A, 250V	Most countries in continental Europe and also widely used in South Africa	
2-pin plug round	Type E	10/16A, 250V	Primarily used in France, Belgium, Poland, Slovakia, Czech Republic, Tunisia and Morocco	
2-pin plug (Non-Earth)	Type F	10/16A, 250V	Germany, Austria, the Netherlands, Sweden, Norway, Finland, Portugal, Spain and Eastern Europe	
3-pin plug BS	Type G	13A, 250V	Mainly used in the United Kingdom, Ireland, Cyprus, Malta, Malaysia, Singapore and Hong Kong	
3-pin plug round BS	Type D	5A, 250V	Used almost exclusively in India, Sri Lanka, Nepal and Nambia	
2-pin Australia plug	Type H	7.5A, 250V	Primarily used in Australia	
3-pin Australia plug	Type I	10A, 250V	Mainly used in Australia, New Zealand, Papa New Guinea and Argentina	
3-pin Australia plug	Type I	15A, 250V	Mainly used in Australia, New Zealand, Papa New Guinea and Argentina	
3-pin China plug	Type I	6/10A, 250V	China	
2-pin China plug	Type H	6/10A, 250V	China	
2-pin US plug	Type A	15A, 125V	North America (United States) and in many other countries including Canada, Mexico, Guatemala, Jamaica and Venezuela	

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
Shuttered: Yes
Box Depth: 47mm

Standard Hamilton manufactured electrical accessories are designed to be mounted on BS4662:2006 flush wall boxes.

STANDARDS:

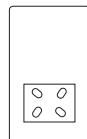
BS EN ISO Standard: BS EN 61558
 BS 4573

TERMINAL CAPACITY:

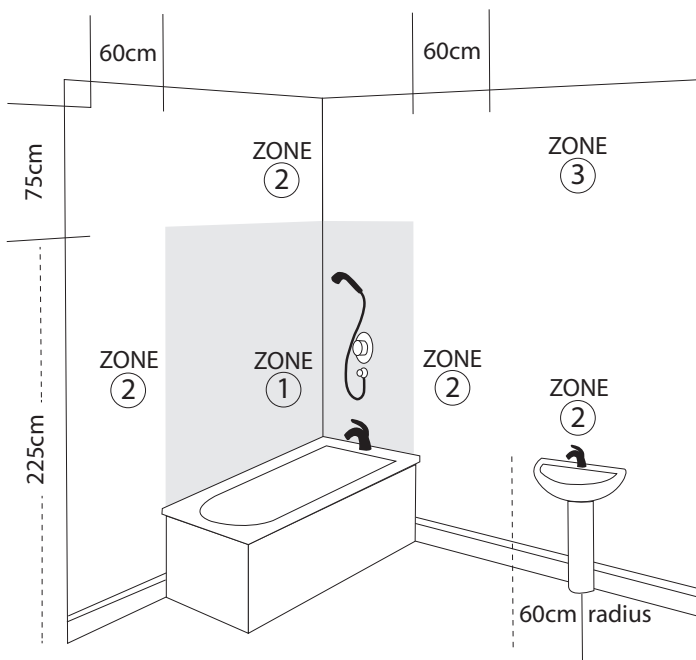
	1mm ²	1.5mm ²	2.5mm ²	4mm ² Multi-Strand	6mm ²
Terminal Capacity	5	4	3	2	1
Earth Terminal Capacity	9	6	4	2	1

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
Shuttered:	Yes

STANDARDS:

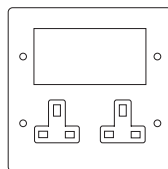
BS EN ISO Standard:	(Socket) BS 1363-2
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TERMINAL CAPACITY:

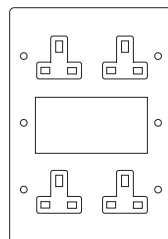
	2.5mm ²	4mm ²	6mm ² Multi-Strand	10mm ²
Terminal Capacity	3	3	2	1
Earth Terminal Capacity	3	3	2	1

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

120.6mm



MED1



MED2

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
Cable Outlets Fitted with Clamp:	Yes

Location:	Internal Use Only
Max Installation Altitude:	2000m

Standard Hamilton manufactured electrical accessories are designed to be mounted on BS4662:2006 flush wall boxes.

STANDARDS:

BS EN ISO Standard:

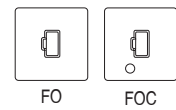
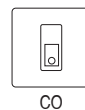
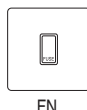
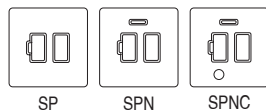
Switched Fuse/Unswitched	BS 1363-4
Fuse with halo	BS 5733
Fuse with halo + fuselink	BS 5733 and BS1362
Cable outlet	BS 5733

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
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60.3mm



Fits one Grid-IT aperture



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 a suitable barrier MUST be used to separate the two voltages. See BS 7671 Wiring regulations for further details.

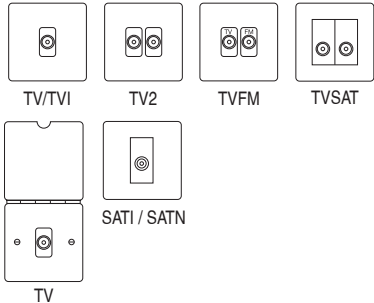
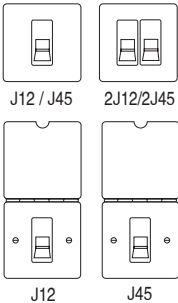
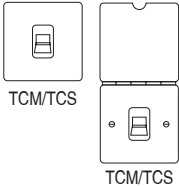
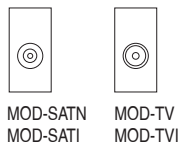


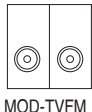
Note for SATI only: Isolated F-type satellite outlet, where a DC signal back to the LNB unit on the satellite dish is not required.

Standard Hamilton manufactured electrical accessories are designed to be mounted on BS4662:2006 flush wall boxes.

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

Standard Hamilton manufactured electrical accessories are designed to be mounted on BS4662:2006 flush wall boxes.

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 a suitable barrier MUST be used to separate the two voltages. See BS 7671 Wiring regulations for further details.

TERMINAL CAPACITY:






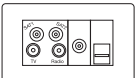
	1mm ²	1.5mm ²	2.5mm ²	4mm ² Multi-Strand	6mm ²
Earth Terminal Capacity	5	4	3	1	1

FREQUENCIES:

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

60.3mm	 DENT	 DTRID	
	 DTVf	 DTVm	 DSAT
120.6mm	 DSAT+		

Fits one Euro1 aperture

Fits one Euro2 aperture

EUROFIX DIGITAL TV SOCKET MODULES

 MOD-DSAT MOD-DTVf MOD-DTVm	 MOD-DENT MOD-DTRID
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Hamilton[®] Technical Specification

EUROFIX AV/AUDIO/HDMI

CATEGORY:

EUROFIX AV/AUDIO/HDMI SOCKETS

Technical Insert Ref: Description:

MOD-HDMI	HDMI Chassis Mounted Socket Type A* (Female Mounted, Female Free)
MOD-USBAFF	USB2 Panel Mounted Socket Type A* (Female Mounted, Female Free)
MOD-USBAFM	USB2 Panel Mounted Socket Type A* (Female Mounted, Male Free)
MOD-MP3	3.5mm Stereo Socket (MP3) Screened*
MOD-DIN9	D-Range PC Socket 9 Pin*
MOD-SVGA	D-Range SVGA Socket 15 Pin*

Socket Type: 4mm Suitable for 'Banana' plugs

MOD-BAN2	2 x Gold Binding Post Socket*
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EUROFIX AV/AUDIO/HDMI SOCKETS

Technical Insert Ref: Description:

Current Rating:	Mating connector dependent
Contact Resistance:	Mating connector dependent
Insulation Resistance:	>1GW
Dielectric Strength:	500V DC
Life Cycle:	5000
Cable OD:	4-9mm
Solder Compatibility:	IEC 68-2-20

MOD-RCA1	1 x Gold Phone/Audio Socket**
MOD-RCA2	2 x Gold Phone/Audio Socket**
MOD-RCA3	3 x Gold Composite Video/Audio**

Current Rating:	15 Amp
Voltage:	120VAC
Contact Resistance:	5mW Max

MOD-XLR	Latching Audio Connector 3 Pin XLR Socket*
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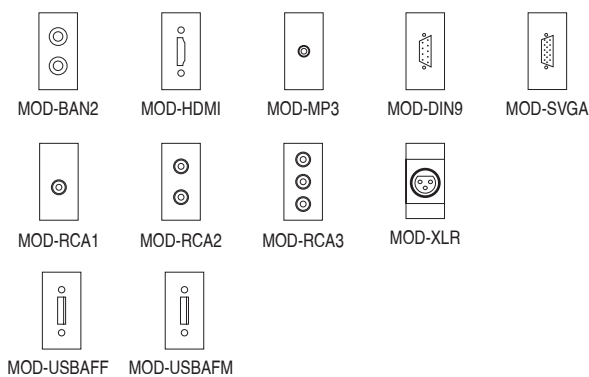
TECHNICAL SPECIFICATION:

IP Rating:	IP2XD
Ambient Operating Temperature:	-5 to +40 C* -25 to +70 C**
Location:	Internal Use Only
Max Installation Altitude:	2000m
Module Dimensions:	25 x 50mm

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 a suitable barrier MUST be used to separate the two voltages. See BS 7671 Wiring regulations for further details.

EUROFIX AV/AUDIO/HDMI 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
MOD-USB2	Eurofix Twin USB Charger Module

TECHNICAL SPECIFICATION:

Voltage (Single):	220/240 Vac 47-53Hz	Product Class 1:	Must be earthed
Voltage (Twin):	100/240 Vac 47-63Hz	Ambient Operating Temperature:	0 to +40 C
Current Rating (at full load):	0.3A Single 0.6A Twin	Location:	Internal Use Only
Standby Current:	1.3mA Single 2.0mA Twin	Max Installation Altitude:	2000m
Max Load Output:	1.0A per socket	Module Dimensions:	25 x 50mm Single 50 x 50mm Twin
Charging Output:	5Vdc ± 5%	STANDARDS:	
Output Connector:	USB Type A	BS EN ISO Standard:	IEC 60950-1 IEC 61000-6-1/3
Contact Gap Minimum:	5mm		

COMPLIANCE:

EC Directive	MOD-USB	MOD-USB2
Low Voltage	2006/95/EC	2006/95/EC
ROHS	2002/95/EC	2002/95/EC
WEEE	2002/96/EC	2002/95/EC
REACH	1907/2006	1907/2006
EMC	2004/108EC	2004/108EC

TERMINAL CAPACITY

	1.0mm ²	1.5mm ²	2.5mm ²
Terminal Capacity	2	2	3

Ensure that the power is switched off or power is isolated before attempting to install or connect the charger.

EUROFIX USB CHARGER MODULE

Fits a Euro1 aperture



MOD-USB

Fits one Euro2 aperture



MOD-USB2

Hamilton[®] Technical Specification

TWIN CHARGER/POWER SOCKET

CATEGORY:

TWIN CHARGER/POWER SOCKET

Technical Insert Ref: Description:

USB99 Twin USB Charger and 2 gang
13A Unswitched Socket

TECHNICAL SPECIFICATION:

Socket Current Rating: 13A
USB Current Rating: 0.128A
Voltage: AC 200-250V 50-60Hz
USB Max Load Output: 2.1A total for 2 outlets
USB Charging Output: 5Vdc ± 5% 2.1A Max
Output Connector: USB Type A
Contact Gap Minimum: 5mm
Product Class 1: Must be earthed
Ambient Operating Temperature: 15 to +45 C
Location: Internal Use Only

Max Installation Altitude: 2000m
Shuttered: Yes

Standard Hamilton manufactured electrical accessories are designed to be mounted on BS4662:2006 flush wall boxes.

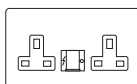
STANDARDS:

BS EN ISO Standard: BS1363-2
BS5733
EN60950

TERMINAL CAPACITY FOR 13A UNSWITCHED SOCKET:

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

TWIN USB/POWER SOCKET



USB99

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 (Watts)		Linea Halogen (Watts)	GU10 LED (Watts)	
				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 (Watts)		Linea Halogen (Watts)	GU10 LED (Watts)	
				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 (Watts)		Linea Halogen (Watts)	GU10 LED (Watts)	
				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 Page 390: 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 Page 390: Note E

D2V 1 gang 200VA 2 way

300VA INDUCTIVE DIMMER

See Notes for Dimmers Page 390: Note E

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

Technical Insert Ref: Description:

1X3V 1 gang 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

Standard Hamilton manufactured electrical accessories are designed to be mounted on BS4662:2006 flush wall boxes.

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



1X2V



2X2V



1X3V



D2V

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 Page 390: 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 Page 390: 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 Page 390: 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 Page 390: 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

Standard Hamilton manufactured electrical accessories are designed to be mounted on BS4662:2006 flush wall boxes.

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**

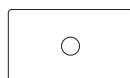
60.3mm



1X40

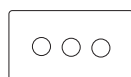


2X40



1X60

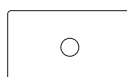
120.6mm



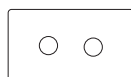
3X40 / P3X40
W3X40



4X40 / P4X40
W4X40



1X1K



WD2X40
Woods range

Fits one Grid-IT aperture



D40

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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 (Watts)		Linea Halogen (Watts)	GU10 LED (Watts)	
				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 (Watts)		Linea Halogen (Watts)	GU10 LED (Watts)	
				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 (Watts)		Linea Halogen (Watts)	GU10 LED (Watts)	
				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

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TRAILING EDGE PUSH ON/OFF DIMMERS

CATEGORY:

TRAILING EDGE DIMMER

See Notes for Dimmers Page 393: 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 Page 393: 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

Standard Hamilton manufactured electrical accessories are designed to be mounted on BS4662:2006 flush wall boxes.

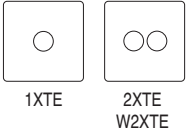

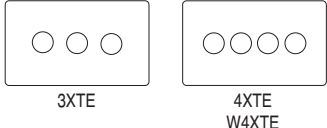
STANDARDS:

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	 <p>1XTE 2XTE W2XTE</p>	<p>Fits one Grid-IT aperture</p>  <p>DTE</p>
120.6mm	 <p>3XTE 4XTE W4XTE</p>	

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).

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TRAILING EDGE TOUCH DIMMERS

CATEGORY:

TRAILING EDGE TOUCH MASTER MULTI-WAY DIMMER

See Notes for Dimmers Page 393: 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 Page 393: Note A,B,C,E

DTM	1 gang 250W/210VA Multi-Way Touch Master Module
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TOUCH SLAVE CONTROLLER

See Notes for Dimmers Page 393: Note A,B,C,D

Technical Insert Ref: Description:

1XTS	1 gang Multi-Way Touch Slave
2XTS	2 gang Multi-Way Touch Slave
3XTS	3 gang Multi-Way Touch Slave
4XTS	4 gang Multi-Way Touch Slave

GRID-IT TOUCH SLAVE CONTROLLER MODULE

See Notes for Dimmers Page 393: 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 or ceiling dimmers. (Wattage and voltage will be the same as the dimmer).

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

Standard Hamilton manufactured electrical accessories are designed to be mounted on BS4662:2006 flush wall boxes.

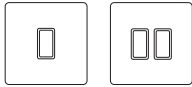
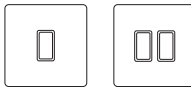




STANDARDS:

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	 <p>1XTM 2XTM</p>	 <p>1XTS 2XTS</p>
120.6mm	 <p>3XTM 4XTM</p>	 <p>3XTS 4XTS</p>
	GRID-IT TOUCH MASTER DIMMER MODULE	GRID-IT TOUCH SLAVE CONTROLLER MODULE
Fits 1 Grid-IT aperture	 <p>DTM</p>	 <p>DTS</p>

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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	1-10V DC 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

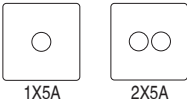


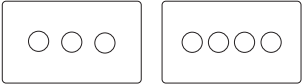
Standard Hamilton manufactured electrical accessories are designed to be mounted on BS4662:2006 flush wall boxes.

STANDARDS:

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

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:	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>		

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GRID-IT NEON AND NEON HALO MODULES

CATEGORY:

GRID-IT NEON HALO MODULES

Technical Insert Ref:	Description:
GN	Neon Halo Modules

GRID-IT NEON ONLY MODULES

Technical Insert Ref:	Description:
GNO	Neon Only Modules
GNH-PCR	Neon Only Module Horizontally Mounted Please Clean Room
GNH-DND	Neon Only Module Horizontally Mounted Do Not Disturb
GN-MAID	Neon Halo Module Maid
GN-BELL	Neon Halo Module Bell

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

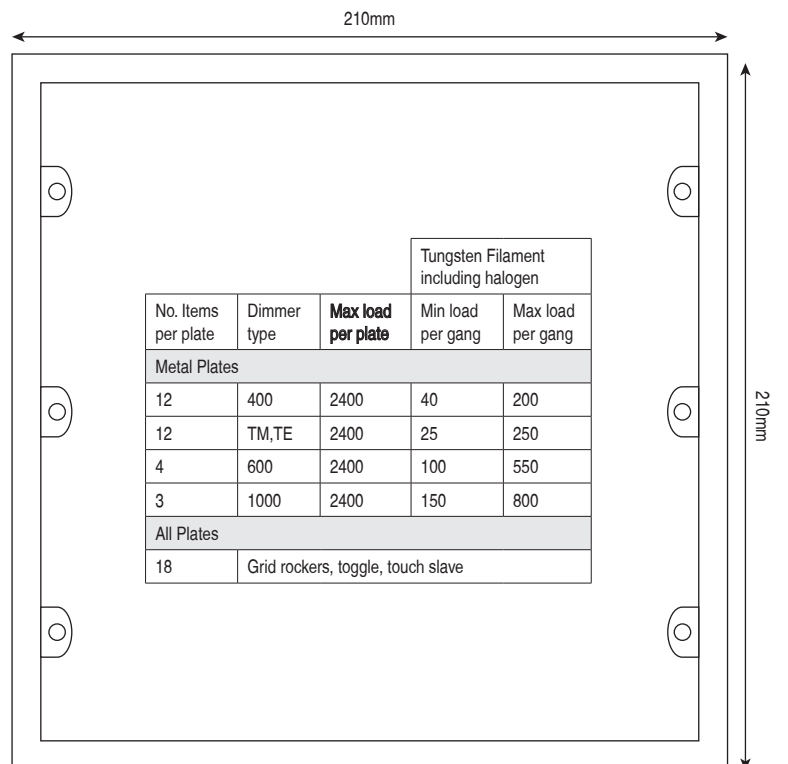
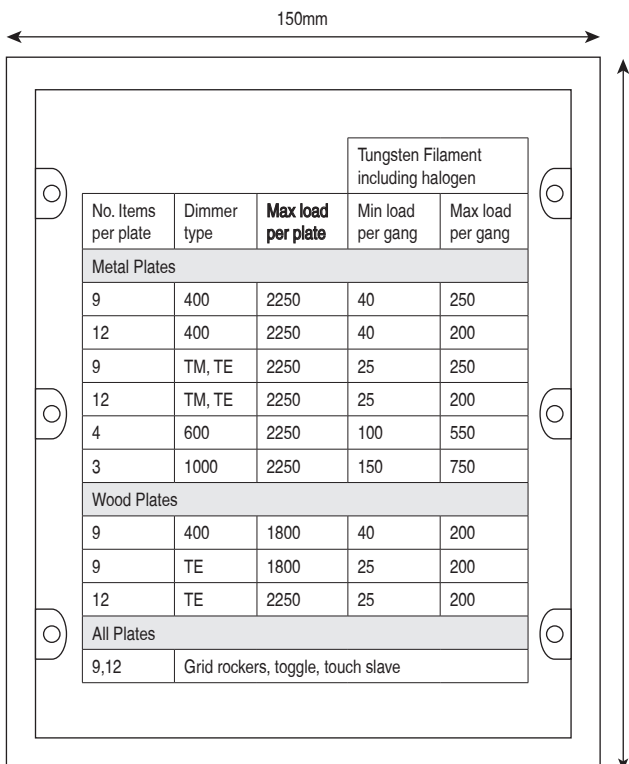
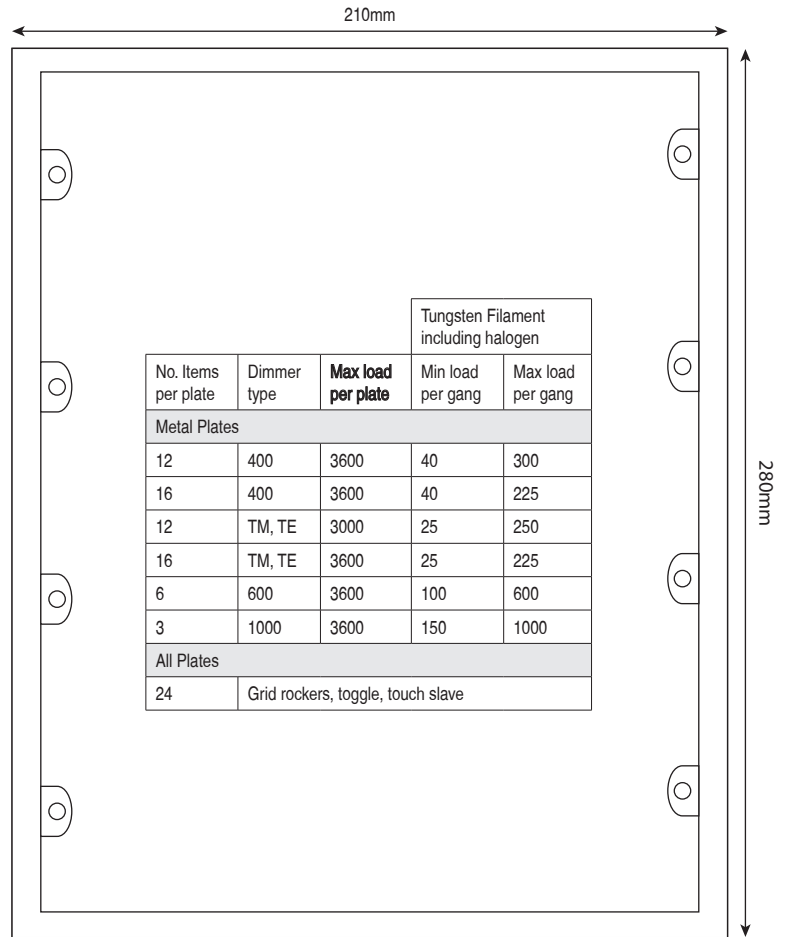
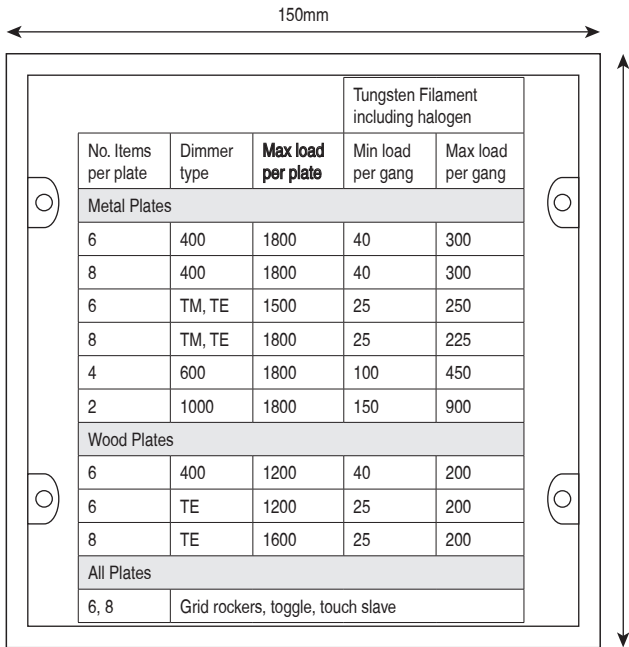
	GRID-IT NEON HALO MODULES	GRID-IT NEON ONLY MODULES
Fits 1 Grid-IT aperture	 GN	   GNO GNH-PCR GNH-DND
		  GN-MAID GN-BELL

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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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GRID-IT/EUROFIX/BLANK PLATE DIMENSIONS

GRID-IT GRID FIX PLATE DIMENSIONS

	Dimension (mm)								
	Linea-CFX			Hartland CFX	Hartland	Perception CFX	Sheer CFX	Sheer	Cheriton
	Duo	Georgian	Perlina Rondo Scala						
1GP 1 gang aperture grid fix plate	86 x 86	95 x 95	91 x 91	86 x 86	88 x 88	86 x 86	86 x 86	86 x 86	88 x 88
2GP 2 gang aperture grid fix plate	86 x 86	95 x 95	91 x 91	86 x 86	88 x 88	86 x 86	86 x 86	86 x 86	88 x 88
3GP 3 gang aperture grid fix plate	145 x 86	154 x 95	150 x 91	145 x 86	144 x 85	145 x 86	145 x 86	146 x 86	146 x 86
4GP 4 gang aperture grid fix plate	145 x 86	154 x 95	150 x 91	145 x 86	144 x 85	145 x 86	145 x 86	146 x 86	146 x 86
6GP 6 gang aperture grid fix plate					146 x 146			146 x 146	146 x 146
8GP 8 gang aperture grid fix plate					146 x 146			146 x 146	146 x 146
9GP 9 gang aperture grid fix plate					146 x 210			146 x 210	146 x 210
12GP 12 gang aperture grid fix plate					146 x 210			146 x 210	146 x 210
SS1GP 1 gang 13A switched socket aperture grid fix plate	86 x 86	95 x 95	91 x 91	86 x 86	88 x 88	86 x 86	86 x 86	86 x 86	88 x 88
SS2GP 2 gang 13A switched socket aperture grid fix plate	145 x 86	154 x 95	150 x 91	145 x 86	144 x 85	145 x 86	145 x 86	146 x 86	146 x 86

EUROFIX PLATE DIMENSIONS Plates must be earthed via the earth tag

	Dimension (mm)									
	Aperture Size	Linea-CFX			Hartland CFX	Hartland	Perception CFX	Sheer CFX	Sheer	Cheriton
		Duo	Georgian	Perlina Rondo Scala						
EURO1 1 Module Plate	25 x 50	86 x 86	95 x 95	91 x 91	86 x 86	88 x 88	86 x 86	86 x 86	86 x 86	88 x 88
EURO2 2 Module Plate	50 x 50	86 x 86	95 x 95	91 x 91	86 x 86	88 x 88	86 x 86	86 x 86	86 x 86	88 x 88
EURO3 3 Module Plate	75 x 50	145 x 86	154 x 95	150 x 91	145 x 86	144 x 85	145 x 86	145 x 86	146 x 86	146 x 86
EURO4 4 Module Plate	100 x 50	145 x 86	154 x 95	150 x 91	145 x 86	144 x 85	145 x 86	145 x 86	146 x 86	146 x 86

EUROFIX POLYCARBONATE PLATE DIMENSIONS

	Nominal Plate Size	Aperture Size	Number of Modules Held
MOD-P2M 2 Module EuroFix Plate	86 x 86mm	50 x 50mm	One 50 x 50mm Module or Two 25 x 25mm Modules or One 25 x 50mm Module and two 12.5mm blanking modules
MOD-P4M 4 Module EuroFix Plate	146 x 86mm	100 x 50mm	One 100 x 50mm Module or Two 50 x 50mm Modules or One 50 x 50mm Module and two 25 x 50mm Modules or Four 25 x 50 Modules

BLANK PLATE DIMENSIONS Plates must be earthed via the earth tag

	Dimension (mm)								
	Linea-CFX			Hartland CFX	Hartland	Perception CFX	Sheer CFX	Sheer	Cheriton
	Duo	Georgian	Perlina Rondo Scala						
BPS Single Blank Plate	86 x 86	95 x 95	91 x 91	86 x 86	88 x 88	86 x 86	86 x 86	86 x 86	88 x 88
BPD Double Blank Plate	145 x 86	154 x 95	150 x 91	145 x 86	144 x 85	145 x 86	145 x 86	146 x 86	146 x 86

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GRID-IT AND EUROFIX ANCILLARIES DIMENSIONS

BLANK PLATE MODULE DIMENSIONS

Technical Insert Ref:	Description	Nominal Size	Depth
MOD-HALFBLANK	EuroFix Half Blanking Plate Module	12.5 x 50mm	
MOD-BLANK	EuroFix One Blanking Plate Module	25 x 50mm	
BMOD	Grid-IT Blank Module	23.2 x 51mm	9.2mm

SPARE MODULE GRID FOR SHEER CFX AND HARTLAND CFX

Sheer CFX Grid complete with gasket	8C1G	8C2G	8C3G	8C4G
Hartland CFX Grid complete with gasket	7C1G	7C2G	7C3G	7C4G
DIMENSIONS (MM)	86 x 86mm	86 x 86mm	145 x 86mm	145 x 86mm

SPARE MODULE GRID DIMENSIONS For Sheer, Hartland and Cheriton front plates

	1G-GRID	2G-GRID	3G-GRID	4G-GRID
Spare Insert Grid (mm)	78 x 78mm	78 x 78mm	138 x 78mm	138 x 78mm

SPARE PLATE SCREWS DIMENSIONS Box Quantity: 50

Technical Insert Ref:	Description	Size
SCREW-PSGR	Dome Headed Slotted Screws for Rocker Aperture Plates to Grid	M3 x 5mm
SCREW-PSGS	Countersunk Slotted Screws for Switched Socket Plates to Grid	M3 x 5mm

SPARE BACK BOX SCREWS DIMENSIONS Box Quantity: 50

Technical Insert Ref:	Description	Size
SCREW-SG25	Countersunk Slotted Screws for fixing Grids to Back Box	M3.5 x 25mm
SCREW-SG50	Countersunk Slotted Screws for fixing Grids to Back Box	M3.5 x 50mm

SPARE MODULE GRID SCREWS DIMENSIONS Box Quantity: 50

Technical Insert Ref:	Description	Size
SCREW-MISC	Countersunk Cross-Slotted Screws for fixing Module to Grid	M2.5 x 4mm

SURFACE MOUNTED BOX SURROUNDS

SURFACE MOUNTED BOX SURROUND DIMENSIONS - FOR WOODS RANGE ONLY

Technical Insert Ref:	Description	Nominal Size	Fits over mounted box size
BFS	Surface Mounting Box Single	93 x 93 x 30mm	25mm
BFD	Surface Mounting Box Double	150 x 93 x 30mm	25mm

MISCELLANEOUS

CATEGORY:

MISCELLANEOUS ITEMS

Technical Insert Ref:	Description:	Technical Insert Ref:	Description:
G-KEY	Spare Key for Key Switch	MOD-KEYSTONE	Suitable for Keystone type insert
D-KIT	Dimmer Inlay + Knob Kit	MOD-TIDY	Cable Outlet Tidy with brushes