

Hamilton® GRID-IT Modules

A comprehensive range of Grid-Fix electrical wiring accessory modules

Grid-It switches and sockets are grid-fixed to provide flexibility. Separate modules can be clipped together on the grid to create the desired combination. This can be done on-site for an instant solution.

- Flexibility of separate modules
- Clip-in inserts to create project-specific combinations
- Larger sized plates
- Neon switch halos for visual identification; available in four colours
- Printed words or symbols for appliance or function identification
- Available on many regular Hamilton plate styles



8P + I K21 B + I R21 SS-B



77C + I NO R



86C + I KEL W



72 + I FN SB-R



86 + I SS1 SC-W

Hamilton® *fashion, finish, function and flexibility*

Hamilton® GRID-IT Modules

**GRID
RANGE**

Rocker Switch Modules

Pack Quantity: 5
Minimum Wall Box Depth: 35 mm
British Standard: BS EN 60669-1



	Technical Insert Reference:	Bright Chrome Insert White Surround Product Code:	Bright Chrome Insert Black Surround Product Code:	Satin Chrome Insert White Surround Product Code:	Satin Chrome Insert Black Surround Product Code:	Satin Stainless Insert White Surround Product Code:	Satin Stainless Insert Black Surround Product Code:
1 gang 10AX 2 way Rocker	GR21	I R21 BC-W	I R21 BC-B	I R21 SC-W	I R21 SC-B	I R21 SS-W	I R21 SS-B
1 gang 20AX 2 way Rocker	GR212	I R212 BC-W	I R212 BC-B	I R212 SC-W	I R212 SC-B	I R212 SS-W	I R212 SS-B
1 gang 20AX Double Pole Rocker	GDP	I DP BC-W	I DP BC-B	I DP SC-W	I DP SC-B	I DP SS-W	I DP SS-B
1 gang 20AX Intermediate Rocker	GR312	I R312 BC-W	I R312 BC-B	I R312 SC-W	I R312 SC-B	I R312 SS-W	I R312 SS-B
1 gang 10AX Push To Make/Break Retractive Rocker	GRRT	I RRT BC-W	I RRT BC-B	I RRT SC-W	I RRT SC-B	I RRT SS-W	I RRT SS-B
1 gang 20AX Non-Retractive 2 Way + Off Rocker	GR2WO	I R2WO BC-W	I R2WO BC-B	I R2WO SC-W	I R2WO SC-B	I R2WO SS-W	I R2WO SS-B
1 gang 10AX Retractive 2 Way + Off Rocker	GRR2W	I RR2W BC-W	I RR2W BC-B	I RR2W SC-W	I RR2W SC-B	I RR2W SS-W	I RR2W SS-B



	Technical Insert Reference:	Polished Brass Insert White Surround Product Code:	Polished Brass Insert Black Surround Product Code:	Satin Brass Insert White Surround Product Code:	Satin Brass Insert Black Surround Product Code:	Antique Brass Insert Black Surround Product Code:
1 gang 10AX 2 way Rocker	GR21	I R21 PB-W	I R21 PB-B	I R21 SB-W	I R21 SB-B	I R21 AB-B
1 gang 20AX 2 way Rocker	GR212	I R212 PB-W	I R212 PB-B	I R212 SB-W	I R212 SB-B	I R212 AB-B
1 gang 20AX Double Pole Rocker	GDP	I DP PB-W	I DP PB-B	I DP SB-W	I DP SB-B	I DP AB-B
1 gang 20AX Intermediate Rocker	GR312	I R312 PB-W	I R312 PB-B	I R312 SB-W	I R312 SB-B	I R312 AB-B
1 gang 10AX Push To Make/Break Retractive Rocker	GRRT	I RRT PB-W	I RRT PB-B	I RRT SB-W	I RRT SB-B	I RRT AB-B
1 gang 20AX Non-Retractive 2 Way + Off Rocker	GR2WO	I R2WO PB-W	I R2WO PB-B	I R2WO SB-W	I R2WO SB-B	I R2WO AB-B
1 gang 10AX Retractive 2 Way + Off Rocker	GRR2W	I RR2W PB-W	I RR2W PB-B	I RR2W SB-W	I RR2W SB-B	I RR2W AB-B



	Technical Insert Reference:	Pearl Oyster Insert White Surround Product Code:	Black Nickel Insert Black Surround Product Code:	White Plastic Insert White Surround Product Code:	Black Plastic Insert Black Surround Product Code:
1 gang 10AX 2 way Rocker	GR21	I R21 PO-W	I R21 BK-B	I R21 WH-W	I R21 BL-B
1 gang 20AX 2 way Rocker	GR212	I R212 PO-W	I R212 BK-B	I R212 WH-W	I R212 BL-B
1 gang 20AX Double Pole Rocker	GDP	I DP PO-W	I DP BK-B	I DP WH-W	I DP BL-B
1 gang 20AX Intermediate Rocker	GR312	I R312 PO-W	I R312 BK-B	I R312 WH-W	I R312 BL-B
1 gang 10AX Push To Make/Break Retractive Rocker	GRRT	I RRT PO-W	I RRT BK-B	I RRT WH-W	I RRT BL-B
1 gang 20AX Non-Retractive 2 Way + Off Rocker	GR2WO	I R2WO PO-W	I R2WO BK-B	I R2WO WH-W	I R2WO BL-B
1 gang 10AX Retractive 2 Way + Off Rocker	GRR2W	I RR2W PO-W	I RR2W BK-B	I RR2W WH-W	I RR2W BL-B

Hamilton® GRID-IT Modules

20AX Double Pole Rocker Switch Modules

with Printed Names/Symbol

Pack Quantity: 5







Minimum Wall Box Depth: 35 mm

British Standard: BS EN 60669-1

						
Technical Insert Reference:	Boiler White Insert White Surround Product Code:	Boiler Black Insert Black Surround Product Code:	Coffee Machine White Insert White Surround Product Code:	Coffee Machine Black Insert Black Surround Product Code:	Cooker Hood White Insert White Surround Product Code:	Cooker Hood Black Insert Black Surround Product Code:
1 gang 20AX Double Pole Rocker GDP	I DPBO WH-W	I DPBO BL-B	I DPCM WH-W	I DPCM BL-B	I DPCH WH-W	I DPCH BL-B
						
Technical Insert Reference:	Dish Washer White Insert White Surround Product Code:	Dish Washer Black Insert Black Surround Product Code:	Fan Symbol White Insert White Surround Product Code:	Fan Symbol Black Insert Black Surround Product Code:	Freezer White Insert White Surround Product Code:	Freezer Black Insert Black Surround Product Code:
1 gang 20AX Double Pole Rocker GDP	I DPDW WH-W	I DPDW BL-B	I DPFN WH-W	I DPFN BL-B	I DPFZ WH-W	I DPFZ BL-B
						
Technical Insert Reference:	Fridge White Insert White Surround Product Code:	Fridge Black Insert Black Surround Product Code:	Fridge Freezer White Insert White Surround Product Code:	Fridge Freezer Black Insert Black Surround Product Code:	Heater White Insert White Surround Product Code:	Heater Black Insert Black Surround Product Code:
1 gang 20AX Double Pole Rocker GDP	I DPFG WH-W	I DPFG BL-B	I DPFF WH-W	I DPFF BL-B	DPHT WH-W	DPHT BL-B
						
Technical Insert Reference:	Hob White Insert White Surround Product Code:	Hob Black Insert Black Surround Product Code:	Micro Wave White Insert White Surround Product Code:	Micro Wave Black Insert Black Surround Product Code:	Oven White Insert White Surround Product Code:	Oven Black Insert Black Surround Product Code:
1 gang 20AX Double Pole Rocker GDP	I DPHO WH-W	I DPHO BL-B	I DPMW WH-W	I DPMW BL-B	I DPOV WH-W	I DPOV BL-B
						
Technical Insert Reference:	Steam Oven White Insert White Surround Product Code:	Steam Oven Black Insert Black Surround Product Code:	Tumble Dryer White Insert White Surround Product Code:	Tumble Dryer Black Insert Black Surround Product Code:	Warming Drawer White Insert White Surround Product Code:	Warming Drawer Black Insert Black Surround Product Code:
1 gang 20AX Double Pole Rocker GDP	I DPSO WH-W	I DPSO BL-B	I DPTD WH-W	I DPTD BL-B	I DPDR WH-W	I DPDR BL-B

20AX Double Pole Rocker Switch Modules with Printed Names/Symbol

Pack Quantity: 5
Minimum Wall Box Depth: 35 mm
British Standard: BS EN 60669-1

						
Technical Insert Reference:	Washer Dryer White Insert White Surround Product Code:	Washer Dryer Black Insert Black Surround Product Code:	Washing Machine White Insert White Surround Product Code:	Washing Machine Black Insert Black Surround Product Code:	Waste Disposal White Insert White Surround Product Code:	Waste Disposal Black Insert Black Surround Product Code:
1 gang 20AX Double Pole Rocker GDP	I DPWDRY WH-W	I DPWDRY BL-B	I DPWM WH-W	I DPWM BL-B	I DPWD WH-W	I DPWD BL-B

				
Technical Insert Reference:	Water Heater White Insert Black Surround Product Code:	Water Heater Black Insert White Surround Product Code:	Wine Cooler White Insert Black Surround Product Code:	Wine Cooler Black Insert White Surround Product Code:
1 gang 20AX Double Pole Rocker GDP	I DPWT WH-W	I DPWT BL-B	I DPWC WH-W	I DPWC BL-B

10AX Push to Make Rocker Switch Modules with Printed Symbol

Pack Quantity: 5
Minimum Wall Box Depth: 35 mm
British Standard: BS EN 60669-1

		
Technical Insert Reference:	Bell Push White Insert White Surround Product Code:	Bell Push Black Insert Black Surround Product Code:
1 gang 10AX Push to Make Retractive Rocker GRRT	I BP WH-W	I BP BL-B

20A Cable Outlet Modules

Pack Quantity: 5
Minimum Wall Box Depth: 35 mm
British Standard: BS 5733

		
Technical Insert Reference:	White Insert White Surround Product Code:	Black Insert Black Surround Product Code:
1 gang 20A Cable Outlet GC20	I C020 W	I C020 B

13A Fuse Modules with Amber Neon Halo

Pack Quantity: 5
Minimum Wall Box Depth: 35 mm
British Standard: BS 5733
Replacement Fuses to BS 1362 Standard

					
Technical Insert Reference:	Bright Chrome Insert Product Code:	Satin Chrome Insert Product Code:	Satin Stainless Insert Product Code:	Polished Brass Insert Product Code:	Satin Brass Insert Product Code:
1gang 13A Fuse with Amber Neon Halo GFN	I FN BC-A	I FN SC-A	I FN SS-A	I FN PB-A	I FN SB-A






					
Technical Insert Reference:	Antique Brass Insert Product Code:	Pearl Oyster Insert Product Code:	Black Nickel Insert Product Code:	White Plastic Insert Product Code:	Black Plastic Insert Product Code:
1 gang 13A Fuse with Amber Neon Halo GFN	I FN AB-A	I FN PO-A	I FN BK-A	I FN WH-A	I FN BL-A

Hamilton® GRID-IT Modules

13A Fuse Modules

with Red Neon Halo

Pack Quantity: 5
 Minimum Wall Box Depth: 35 mm
 British Standard: BS 5733
 Replacement Fuses to BS 1362 Standard






	Technical Insert Reference:	 Bright Chrome Insert Product Code:	 Satin Chrome Insert Product Code:	 Satin Stainless Insert Product Code:	 Polished Brass Insert Product Code:	 Satin Brass Insert Product Code:
1 gang 13A Fuse with Red Neon Halo	GFN	I FN BC-R	I FN SC-R	I FN SS-R	I FN PB-R	I FN SB-R

	Technical Insert Reference:	 Antique Brass Insert Product Code:	 Pearl Oyster Insert Product Code:	 Black Nickel Insert Product Code:	 White Plastic Insert Product Code:	 Black Plastic Insert Product Code:
1 gang 13A Fuse with Red Neon Halo	GFN	I FN AB-R	I FN PO-R	I FN BK-R	I FN WH-R	I FN BL-R

13A Fuse Modules

with Blue Neon Halo

Pack Quantity: 5
 Minimum Wall Box Depth: 35 mm
 British Standard: BS 5733
 Replacement Fuses to BS 1362 Standard






	Technical Insert Reference:	 Bright Chrome Insert Product Code:	 Satin Chrome Insert Product Code:	 Satin Stainless Insert Product Code:	 Polished Brass Insert Product Code:	 Satin Brass Insert Product Code:
1 gang 13A Fuse with Blue Neon Halo	GFN	I FN BC-B	I FN SC-B	I FN SS-B	I FN PB-B	I FN SB-B

	Technical Insert Reference:	 Antique Brass Insert Product Code:	 Pearl Oyster Insert Product Code:	 Black Nickel Insert Product Code:	 White Plastic Insert Product Code:	 Black Plastic Insert Product Code:
1 gang 13A Fuse with Blue Neon Halo	GFN	I FN AB-B	I FN PO-B	I FN BK-B	I FN WH-B	I FN BL-B

13A Fuse Modules

with Green Neon Halo

Pack Quantity: 5
 Minimum Wall Box Depth: 35 mm
 British Standard: BS 5733
 Replacement Fuses to BS 1362 Standard

	Technical Insert Reference:	 Bright Chrome Insert Product Code:	 Satin Chrome Insert Product Code:	 Satin Stainless Insert Product Code:	 Polished Brass Insert Product Code:	 Satin Brass Insert Product Code:
1 gang 13A Fuse with Green Neon Halo	GFN	I FN BC-G	I FN SC-G	I FN SS-G	I FN PB-G	I FN SB-G

	Technical Insert Reference:	 Antique Brass Insert Product Code:	 Pearl Oyster Insert Product Code:	 Black Nickel Insert Product Code:	 White Plastic Insert Product Code:	 Black Plastic Insert Product Code:
1 gang 13A Fuse with Green Neon Halo	GFN	I FN AB-G	I FN PO-G	I FN BK-G	I FN WH-G	I FN BL-G

Hamilton® GRID-IT Modules

**GRID
RANGE**

Neon Modules with Amber Neon Halo

Pack Quantity: 5
Minimum Wall Box Depth: 35 mm
British Standard: BS 5733

						
Technical Insert Reference:		Bright Chrome Insert Product Code:	Satin Chrome Insert Product Code:	Satin Stainless Insert Product Code:	Polished Brass Insert Product Code:	Satin Brass Insert Product Code:
1 gang Amber Neon Halo Module	GN	1 N BC-A	1 N SC-A	1 N SS-A	1 N PB-A	1 N SB-A

						
Technical Insert Reference:		Antique Brass Insert Product Code:	Pearl Oyster Insert Product Code:	Black Nickel Insert Product Code:	White Plastic Insert Product Code:	Black Plastic Insert Product Code:
1 gang Amber Neon Halo Module	GN	1 N AB-A	1 N PO-A	1 N BK-A	1 N WH-A	1 N BL-A

Neon Modules with Red Neon Halo

Pack Quantity: 5
Minimum Wall Box Depth: 35 mm
British Standard: BS 5733

						
Technical Insert Reference:		Bright Chrome Insert Product Code:	Satin Chrome Insert Product Code:	Satin Stainless Insert Product Code:	Polished Brass Insert Product Code:	Satin Brass Insert Product Code:
1 gang Red Neon Halo Module	GN	1 N BC-R	1 N SC-R	1 N SS-R	1 N PB-R	1 N SB-R

						
Technical Insert Reference:		Antique Brass Insert Product Code:	Pearl Oyster Insert Product Code:	Black Nickel Insert Product Code:	White Plastic Insert Product Code:	Black Plastic Insert Product Code:
1 gang Red Neon Halo Module	GN	1 N AB-R	1 N PO-R	1 N BK-R	1 N WH-R	1 N BL-R

Neon Modules with Blue Neon Halo

Pack Quantity: 5
Minimum Wall Box Depth: 35 mm
British Standard: BS 5733

						
Technical Insert Reference:		Bright Chrome Insert Product Code:	Satin Chrome Insert Product Code:	Satin Stainless Insert Product Code:	Polished Brass Insert Product Code:	Satin Brass Insert Product Code:
1 gang Blue Neon Halo Module	GN	1 N BC-B	1 N SC-B	1 N SS-B	1 N PB-B	1 N SB-B

						
Technical Insert Reference:		Antique Brass Insert Product Code:	Pearl Oyster Insert Product Code:	Black Nickel Insert Product Code:	White Plastic Insert Product Code:	Black Plastic Insert Product Code:
1 gang Blue Neon Halo Module	GN	1 N AB-B	1 N PO-B	1 N BK-B	1 N WH-B	1 N BL-B

Hamilton® GRID-IT Modules

Neon Modules with Green Neon Halo

Pack Quantity: 5
Minimum Wall Box Depth: 35 mm
British Standard: BS 5733

	Technical Insert Reference:	Bright Chrome Insert Product Code:	Satin Chrome Insert Product Code:	Satin Stainless Insert Product Code:	Polished Brass Insert Product Code:	Satin Brass Insert Product Code:
1 gang Green Neon Halo Module	GN	I N BC-G	I N SC-G	I N SS-G	I N PB-G	I N SB-G

	Technical Insert Reference:	Antique Brass Insert Product Code:	Pearl Oyster Insert Product Code:	Black Nickel Insert Product Code:	White Plastic Insert Product Code:	Black Plastic Insert Product Code:
1 gang Green Neon Halo Module	GN	I N AB-G	I N PO-G	I N BK-G	I N WH-G	I N BL-G

Neon Only Modules

Pack Quantity: 5
Minimum Wall Box Depth: 35 mm
British Standard: BS 5733

	Technical Insert Reference:	Amber Neon Product Code:	Red Neon Product Code:	Blue Neon Product Code:	Green Neon Product Code:
1 gang Neon Only Module	GNO	I NO A	I NO R	I NO B	I NO G

Hotel Maid Service Neon Modules

Pack Quantity: 5
Minimum Wall Box Depth: 35 mm
British Standard: BS 5733

	Technical Insert Reference:	'Maid Symbol' Green Neon Product Code:	'Crossed Bell Symbol' Red Neon Product Code:	'PLEASE CLEAN ROOM' Mounted Horizontally Green Neon Product Code:	'DO NOT DISTURB' Mounted Horizontally Red Neon Product Code:
1 gang Hotel Maid Service Neon Modules	GN-MAID	I NOMA G	GN-BELL I NOBE R	GNH-PCR I NOPCR G	GNH-DND I NODND R

Key Switch Modules Supplied with Key

Pack Quantity: 5
Minimum Wall Box Depth: 35 mm
British Standard: BS EN 60669-1

	Technical Insert Reference:	White Insert White Surround Product Code:	Black Insert Black Surround Product Code:
1 gang 20AX 2 way Key Switch	GK21	I K21 W	I K21 B
1 gang 20AX Double Pole Key Switch	GKDP	I KDP W	I KDP B

Key Switch Modules Printed 'EMG LTG TEST' Supplied with Key

Pack Quantity: 5
Minimum Wall Box Depth: 35 mm
British Standard: BS EN 60669-1

	Technical Insert Reference:	'EMG LTG TEST' White Insert White Surround Product Code:	'EMG LTG TEST' Black Insert Black Surround Product Code:
1 gang 20AX Key Switch "EMG LTG TEST"	GKEL	I KEL W	I KEL B

Spare Key

Pack Quantity: 5

Spare Key

Technical Insert Reference:	Product Code:
G-KEY	I KEY



Hamilton® GRID-IT Modules

Intermediate Push On/Off Switch Module

Pack Quantity: 5
 Minimum Wall Box Depth: 35 mm
 British Standard: BS 5733



Technical Insert Reference:	White Insert Product Code:
1 gang 3A Intermediate Push On/Off Switch Module Tungsten Filament and Halogen Rating: Maximum 3A per gang	DIP I DIP WH

2 Way Push On/Off Switch Module

Pack Quantity: 5
 Minimum Wall Box Depth: 35 mm
 British Standard: BS EN 60669-1



Technical Insert Reference:	White Insert Product Code:
1 gang 6A 2 Way Push On/Off Switch Module Tungsten Filament and Halogen Rating: Maximum 6AX per gang	DPS I DPS WH

400W Push On/Off Resistive Dimmer Module

Pack Quantity: 5
 Minimum Wall Box Depth: 35 mm
 British Standard: BS EN 60669-2-1
Note: Tungsten Filament GU10 Lamps must be branded 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.



Technical Insert Reference:	White Insert Product Code:
1 gang 400W 2 Way Dimmer Tungsten Filament and Halogen Rating: Minimum 40W per gang Tungsten Filament Rating: Maximum 400W per gang Halogen Rating: Maximum 300W per gang	D40 I D40 WH

High Frequency Ballast Control Module

Pack Quantity: 5
 Minimum Wall Box Depth: 35 mm
 British Standard: BS EN 60669-2-1



Technical Insert Reference:	White Insert Product Code:
1 gang 1-10V DC Ballast Control (No Off) Tungsten Filament and Halogen Rating: Max. 50 Ballasts per Controller. 1-10V DC Control - NOT for connection to 230V Mains. Only to be used in conjunction with a 10A or 20A 2 Way Rocker Switch.	DHF I DHF 10V WH

Trailing Edge Push On/Off Multi-Way Dimmer Modules

Pack Quantity: 5
 Minimum Wall Box Depth: 35 mm
 British Standard: BS EN 60669-2-1
Note: Tungsten Filament GU10 Lamps must be branded 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.



Technical Insert Reference:	Bright Chrome Knob Product Code:	Satin Chrome Knob Product Code:	Satin Stainless Knob Product Code:	Polished Brass Knob Product Code:	Satin Brass Knob Product Code:	Antique Brass Knob Product Code:	Black Nickel Knob Product Code:
1 gang 250W/210VA Trailing Edge Multi-Way Dimmer	DTE I DTE BC	I DTE SC	I DTE SS	I DTE PB	I DTE SB	I DTE AB	I DTE BK

Grid Dimmer Inlay Kits Consisting of Black and White Frame with Matching Metal Inlay, Dimmer Knob and Retaining Ring



I DKIT SC
Satin Chrome Knob and Insert



I DKIT PB
Polished Brass Knob and Insert

Technical Insert Reference:	Bright Chrome Product Code:	Satin Chrome Product Code:	Satin Stainless Product Code:	Polished Brass Product Code:	Satin Brass Product Code:	Antique Brass Product Code:	Black Nickel Product Code:	Pearl Oyster Product Code:
Grid Dimmer Inlay Kit	DKIT I DKIT BC	I DKIT SC	I DKIT SS	I DKIT PB	I DKIT SB	I DKIT AB	I DKIT BK	I DKIT PO

Hamilton GRID-IT Modules

Trailing Edge Multi-Way Touch Master Dimmer Modules

Pack Quantity: 5

Minimum Wall Box Depth: 35 mm

British Standard: BS EN 60669-2-1

Note: Tungsten Filament GU10 Lamps must be branded 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.

							
Technical Insert Reference:		Bright Chrome Insert White Surround Product Code:	Bright Chrome Insert Black Surround Product Code:	Satin Chrome Insert White Surround Product Code:	Satin Chrome Insert Black Surround Product Code:	Satin Stainless Insert White Surround Product Code:	Satin Stainless Insert Black Surround Product Code:

1 gang 250W/210VA
Trailing Edge Multi-way
Touch Master Dimmer

DTM	I DTM BC-W	I DTM BC-B	I DTM SC-W	I DTM SC-B	I DTM SS-W	I DTM SS-B
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Technical Insert Reference:		Polished Brass Insert White Surround Product Code:	Polished Brass Insert Black Surround Product Code:	Satin Brass Insert White Surround Product Code:	Satin Brass Insert Black Surround Product Code:	Antique Brass Insert Black Surround Product Code:	Black Nickel Insert Black Surround Product Code:

1 gang 250W/210VA
Trailing Edge Multi-way
Touch Master Dimmer

DTM	I DTM PB-W	I DTM PB-B	I DTM SB-W	I DTM SB-B	I DTM AB-B	I DTM BK-B
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Multi-Way Touch Slave Controller Modules

Pack Quantity: 5

Minimum Wall Box Depth: 35 mm

British Standard: BS EN 60669-2-1

Note: To only be used with Touch Master Dimmers.

Note: Tungsten Filament GU10 Lamps must be branded 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.

							
Technical Insert Reference:		Bright Chrome Insert White Surround Product Code:	Bright Chrome Insert Black Surround Product Code:	Satin Chrome Insert White Surround Product Code:	Satin Chrome Insert Black Surround Product Code:	Satin Stainless Insert White Surround Product Code:	Satin Stainless Insert Black Surround Product Code:

1 gang Multi-Way
Touch Slave Controller

DTS	I DTS BC-W	I DTS BC-B	I DTS SC-W	I DTS SC-B	I DTS SS-W	I DTS SS-B
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Technical Insert Reference:		Polished Brass Insert White Surround Product Code:	Polished Brass Insert Black Surround Product Code:	Satin Brass Insert White Surround Product Code:	Satin Brass Insert Black Surround Product Code:	Antique Brass Insert Black Surround Product Code:	Black Nickel Insert Black Surround Product Code:

1 gang Multi-Way
Touch Slave Controller

DTS	I DTS PB-W	I DTS PB-B	I DTS SB-W	I DTS SB-B	I DTS AB-B	I DTS BK-B
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Hamilton® GRID-IT Modules

**GRID
RANGE**

Blanking Modules

Pack Quantity: 5

Minimum Wall Box Depth: 35 mm

							
Technical Insert Reference:		Bright Chrome Insert White Surround Product Code:	Bright Chrome Insert Black Surround Product Code:	Satin Chrome Insert White Surround Product Code:	Satin Chrome Insert Black Surround Product Code:	Satin Stainless Insert White Surround Product Code:	Satin Stainless Insert Black Surround Product Code:
Blanking Module	BMOD	I BMOD BC-W	I BMOD BC-B	I BMOD SC-W	I BMOD SC-B	I BMOD SS-W	I BMOD SS-B

							
Technical Insert Reference:		Polished Brass Insert White Surround Product Code:	Polished Brass Insert Black Surround Product Code:	Satin Brass Insert White Surround Product Code:	Satin Brass Insert Black Surround Product Code:	Antique Brass Insert White Surround Product Code:	Black Nickel Insert Black Surround Product Code:
Blanking Module	BMOD	I BMOD PB-W	I BMOD PB-B	I BMOD SB-W	I BMOD SB-B	I BMOD AB-B	I BMOD BK-B



				
Technical Insert Reference:		Pearl Oyster Insert White Surround Product Code:	White Plastic Insert White Surround Product Code:	Black Plastic Insert Black Surround Product Code:
Blanking Module	BMOD	I BMOD PO-W	I BMOD WH-W	I BMOD BL-B

Spare Module Grids

For Sheer, Hartland and Cheriton Front Plates

Pack Quantity: 5

			
Technical Insert Reference:		1 gang Product Code:	Technical Insert Reference: 2 gang Product Code:
Spare Insert Grid	1G-GRID	1G-GRID	2G-GRID 2G-GRID

			
Technical Insert Reference:		3 gang Product Code:	Technical Insert Reference: 4 gang Product Code:
Spare Insert Grid	3G-GRID	3G-GRID	4G-GRID 4G-GRID

Hamilton® GRID-IT Modules

Spare Plate Screws

Box Quantity: 50
Size: M3 x 5 mm

	Technical Insert Reference:	Gloss White Product Code:	Polished Brass Product Code:	Satin Brass Product Code:	Bright Chrome Product Code:	Satin Chrome Product Code:	Bright Stainless Product Code:	Satin Stainless Product Code:	Black Nickel Product Code:	Pearl Oyster Product Code:	Antique Brass Product Code:
Dome Headed Slotted Screws For fitting Rocker Aperture Plate to Grid	SCREW-PSGR	PSGR WH	PSGR PB	PSGR SB	PSGR BC	PSGR SC	PSGR BC	PSGR PO	PSGR BK	PSGR PO	PSGR AB
Countersunk Slotted Screws For fitting Switched Socket Plate to Grid	SCREW-PSGS	PSGS WH	PSGS PB	PSGS SB	PSGS BC	PSGS SC	PSGS BC	PSGS PO	PSGS BK	PSGS PO	PSGS AB

Spare Back Box Screws

Bright Zinc Passivated

Countersunk Slotted Screws
For fitting Grid to Back Box

Technical Insert Reference:

Box of 50
Size:
M3.5 x 25 mm
Product Code:

Technical Insert Reference:

Box of 50
Size:
M3.5 x 50 mm
Product Code:

SCREW-SG25	SGBOX25	SCREW-SG50	SGBOX50
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Spare Module Grid Screws

Bright Zinc Passivated

Countersunk Cross-Slotted Screws
For fitting Module to Grid

Technical Insert Reference:

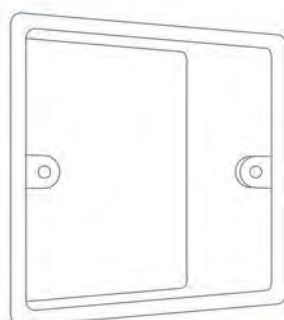
Box of 50
Size:
M2.5 x 4 mm
Product Code:

SCREW-MISC	SGINS
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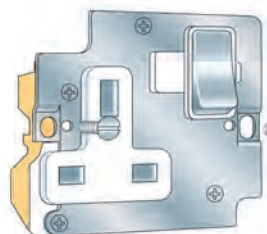
1 gang 13A Socket Insert Modules

with attached Fixing Grids

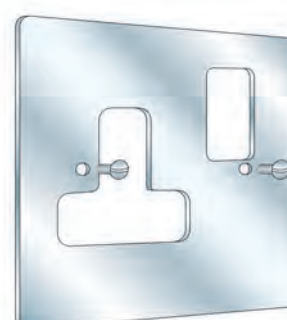
Pack Quantity: 5
Minimum Wall Box Depth: 35 mm
British Standard: BS 1363



Standard Wall Box with 60.3mm Fixing



Insert Sockets supplied with frames and fixing screws.



Surface plates supplied with fixing screws.

Technical Insert Reference:		Bright Chrome Insert White Surround Product Code:	Bright Chrome Insert Black Surround Product Code:	Satin Chrome Insert White Surround Product Code:	Satin Chrome Insert Black Surround Product Code:	Satin Stainless Insert White Surround Product Code:
1 gang 13A Double Pole Switched Socket	GSS1	I SS1 BC-W	I SS1 BC-B	I SS1 SC-W	I SS1 SC-B	I SS1 SS-W

Technical Insert Reference:		Satin Stainless Insert Black Surround Product Code:	Polished Brass Insert White Surround Product Code:	Polished Brass insert Black Surround Product Code:	Satin Brass Insert White Surround Product Code:	Satin Brass Insert Black Surround Product Code:
1 gang 13A Double Pole Switched Socket	GSS1	I SS1 SS-B	I SS1 PB-W	I SS1 PB-B	I SS1 SB-W	I SS1 SB-B
















Technical Insert Reference:		Antique Brass Insert Black Surround Product Code:	Pearl Oyster Insert White Surround Product Code:	Black Nickel Insert Black Surround Product Code:	White Plastic Insert White Surround Product Code:	Black Plastic Insert Black Surround Product Code:
1 gang 13A Double Pole Switched Socket	GSS1	I SS1 AB-B	I SS1 PO-W	I SS1 BK-B	I SS1 WH-W	I SS1 BL-B

Hamilton® GRID-IT Modules

**GRID
RANGE**

2 gang 13A Socket Insert Modules with attached Fixing Grids

Pack Quantity: 5
Minimum Wall Box Depth: 35 mm
British Standard: BS 1363

				
	Technical Insert Reference:	Bright Chrome Insert White Surround Product Code:	Bright Chrome Insert Black Surround Product Code:	Satin Chrome Insert White Surround Product Code:
2 gang 13A Double Pole Switched Socket	GSS2	I SS2 BC-W	I SS2 BC-B	I SS2 SC-W
				
	Technical Insert Reference:	Satin Chrome Insert Black Surround Product Code:	Satin Stainless Insert White Surround Product Code:	Satin Stainless Insert Black Surround Product Code:
2 gang 13A Double Pole Switched Socket	GSS2	I SS2 SC-B	I SS2 SS-W	I SS2 SS-B
				
	Technical Insert Reference:	Polished Brass Insert White Surround Product Code:	Polished Brass insert Black Surround Product Code:	Satin Brass Insert White Surround Product Code:
2 gang 13A Double Pole Switched Socket	GSS2	I SS2 PB-W	I SS2 PB-B	I SS2 SB-W
				
	Technical Insert Reference:	Satin Brass Insert Black Surround Product Code:	Antique Brass Insert Black Surround Product Code:	Pearl Oyster Insert White Surround Product Code:
2 gang 13A Double Pole Switched Socket	GSS2	I SS2 SB-B	I SS2 AB-B	I SS2 PO-W
				
	Technical Insert Reference:	Black Nickel Insert Black Surround Product Code:	White Plastic Insert White Surround Product Code:	Black Plastic Insert Black Surround Product Code:
2 gang 13A Double Pole Switched Socket	GSS2	I SS2 BK-B	I SS2 WH-W	I SS2 BL-B

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:

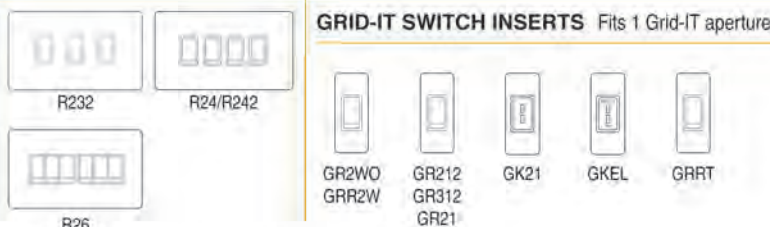
	1mm ²	1.5mm ²	2.5mm ²	4mm ² Multi-Strand	6mm ²
Terminal Capacity 10AX	5	4	1	1	1
Earth Terminal Capacity 10AX	5	4	3	1	1
Terminal Capacity 20AX	5	4	2	2	1
Earth Terminal Capacity 20AX	6	5	3	2	1

Fixing Centres: **2 WAY ROCKER** **INTERMEDIATE ROCKER** **PUSH TO MAKE ROCKER** **KEY SWITCH**

60.3mm



120.6mm



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


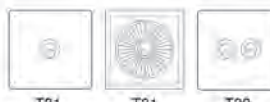







Standard Hamilton manufactured electrical accessories are designed to be mounted on BS4662:2006 flush wall boxes.

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	 <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 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:

20AMP DP ROCKER SWITCH

45AMP DP ROCKER SWITCH

GRID-IT MODULE Fits 1 Grid-IT aperture

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



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



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

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

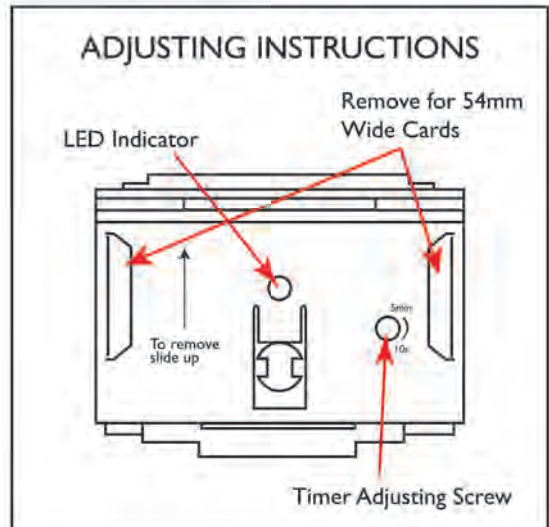


C11/CKNX

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>US13</p>	 <p>MOD-ENG13A</p>
120.6mm		 <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







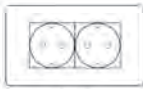


Standard Hamilton manufactured electrical accessories are designed to be mounted on BS4662:2006 flush wall boxes.

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*


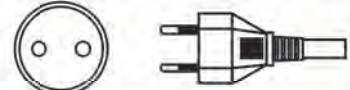
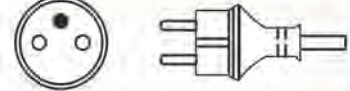
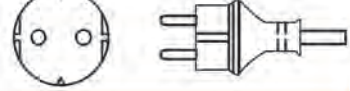

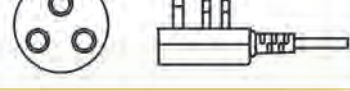
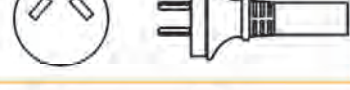





*Requires 47mm deep mounting box

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:

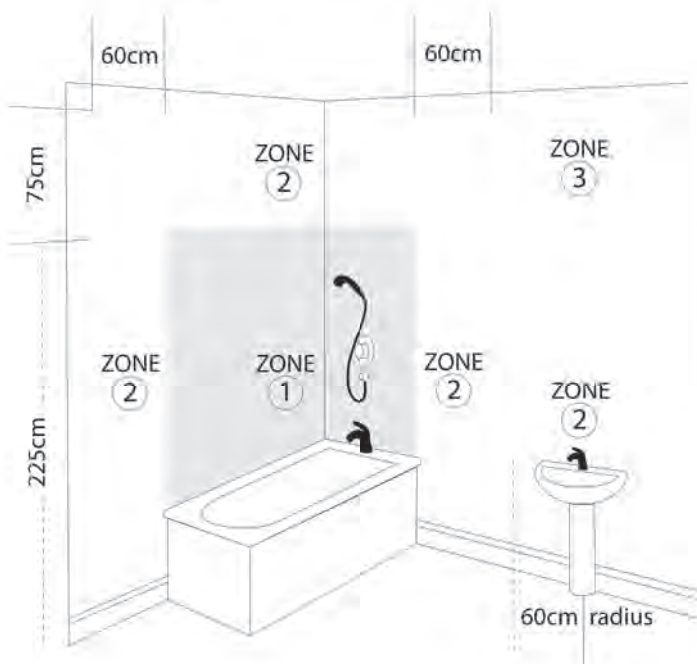
BS EN ISO Standard: BS EN 61558
 BS 4573

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



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:

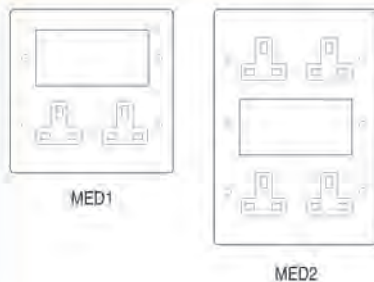
BS EN ISO Standard:	(Socket) BS 1363-2
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TERMINAL CAPACITY:

	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



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
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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 Fuse with halo	BS 1363-4 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 a suitable barrier MUST be used to separate the two voltages. See BS 7671 Wiring regulations for further details.



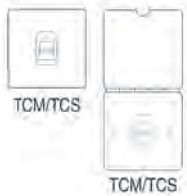




Note for SATI only: Isolated F-type satellite outlet, where a DC signal back to the LNB unit on the satellite dish is not required.

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>TV SATI / SATN</p>	 <p>J12 / J45 2J12/2J45</p> <p>J12 J45</p>	 <p>TCM/TCS 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+		

EUROFIX DIGITAL TV SOCKET MODULES

Fits one Euro1 aperture		MOD-DSAT MOD-DTVf MOD-DTVM
Fits one Euro2 aperture		MOD-DENT MOD-DTRID

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*

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*

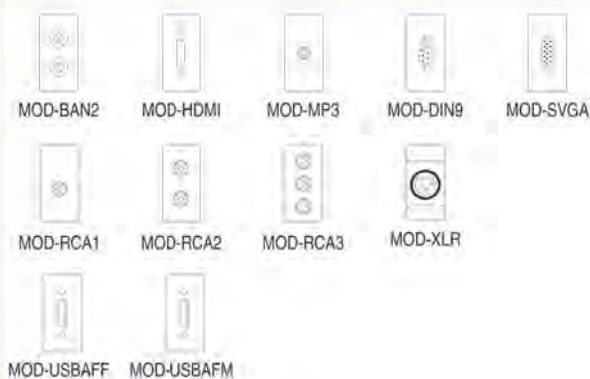
TECHNICAL SPECIFICATION:

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



Fits one Euro2
aperture



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.

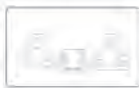
STANDARDS:

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
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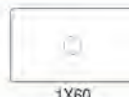
60.3mm



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 (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

Hamilton[®] Technical Specification

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

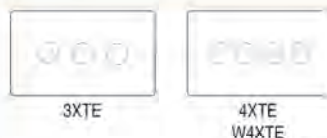
60.3mm



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 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
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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:

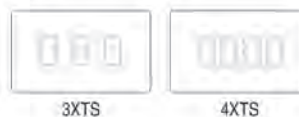
TOUCH MASTER DIMMER

TOUCH SLAVE CONTROLLER

60.3mm



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	1-10V 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	 1X5A 2X5A	Fits 1 Grid-IT aperture	 DIP /DPS	 DHF
120.6mm	 3X5A 4X5A			

Hamilton[®] Technical Specification

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

Fits 1 Grid-IT aperture



GN

GRID-IT NEON ONLY MODULES



GNO



GNH-PCR



GNH-DND



GN-MAID



GN-BELL

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.

150mm

			Tungsten Filament including halogen	
No. Items per plate	Dimmer type	Max load per plate	Min load per gang	Max load per gang
Metal Plates				
6	400	1800	40	300
8	400	1800	40	300
6	TM, TE	1500	25	250
8	TM, TE	1800	25	225
4	600	1800	100	450
2	1000	1800	150	900
Wood Plates				
6	400	1200	40	200
6	TE	1200	25	200
8	TE	1600	25	200
All Plates				
6, 8	Grid rockers, toggle, touch slave			

150mm

210mm

			Tungsten Filament including halogen	
No. Items per plate	Dimmer type	Max load per plate	Min load per gang	Max load per gang
Metal Plates				
12	400	3600	40	300
16	400	3600	40	225
12	TM, TE	3000	25	250
16	TM, TE	3600	25	225
6	600	3600	100	600
3	1000	3600	150	1000
All Plates				
24	Grid rockers, toggle, touch slave			

280mm

150mm

			Tungsten Filament including halogen	
No. Items per plate	Dimmer type	Max load per plate	Min load per gang	Max load per gang
Metal Plates				
9	400	2250	40	250
12	400	2250	40	200
9	TM, TE	2250	25	250
12	TM, TE	2250	25	200
4	600	2250	100	550
3	1000	2250	150	750
Wood Plates				
9	400	1800	40	200
9	TE	1800	25	200
12	TE	2250	25	200
All Plates				
9,12	Grid rockers, toggle, touch slave			

210mm

210mm

			Tungsten Filament including halogen	
No. Items per plate	Dimmer type	Max load per plate	Min load per gang	Max load per gang
Metal Plates				
12	400	2400	40	200
12	TM, TE	2400	25	250
4	600	2400	100	550
3	1000	2400	150	800
All Plates				
18	Grid rockers, toggle, touch slave			

210mm

See dimmer information for Linea Halogen and GU10 LED

Hamilton[®] Technical Specification

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

Hamilton[®] Technical Specification

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