

Schneider Electric wiring devices, lighting control & automation

Product catalogue



Electrical solutions

Lighting control & automation

Meeting the needs of how we live and work takes innovative products designed to deliver the high levels of control, adaptability, connectivity and energy efficiency that we require.

Imagine building functions which can be adapted to the needs of the user easily and cost effectively, with minimal disruption, to help you meet the installation requirements. From the CONNECT radio system, using the latest Z-Wave technology, to the LexCom flexible multimedia system, Schneider Electric has the automation solution to meet your needs.

Wiring accessories

New from Schneider Electric, Powerline - the next generation of ethernet enabled wall sockets, provides a fast and reliable networking solution that is quick and easy to install.

The Ultimate range of wiring accessories is a family of styles brought together by design. From the understated design of Ultimate slimline to the chic style of Ultimate flat plate, you will always find the style and finish that integrates seamlessly with your design theme.

The Exclusive range of wiring accessories maintains the superb quality and easy to install technical specification, with exceptional value for money.

Our metal clad range has a robust technical specification which makes this the perfect choice for a variety of commercial and public buildings. Supporting this, our weatherproof range offers tough, durable options for outdoor or more arduous environments. Socket-outlets are IP66 or IP55 rated for even greater weather resistance.

Designed to satisfy your customer needs, precisely engineered and carefully manufactured, the 56 Series is tough, safe, and provides reliable performance even under the most adverse conditions.



Look for energy saving products throughout this edition

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For more information call us on 0870 608 8 608
or click on www.schneider-electric.com/uk

How to make your building smart





Lighting control & automation

Meeting the needs of the way we live and work today takes more than just a pretty face, it takes innovative products designed to deliver the high levels of control, adaptability, connectivity and energy efficiency demanded by 21st Century consumers.

Imagine building functions which can be adapted to the needs of the user easily and cost effectively, with minimal disruption. Schneider Electric provide the ideal lighting control & automation solutions, to help you meet the installation requirements.

Wireless lighting control

Connect6-19

Data networking

LexCom Performance 20-23

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Simple and intelligent



Connect

The CONNECT radio system is the perfect solution for anyone who wants to modernise their electrical installation. It offers a great amount of flexibility, comfort and safety where the control of functions like lighting or blinds are concerned.

The CONNECT radio system is a bi-directional radio network which allows all devices to transmit and receive signals simultaneously.

Z-Wave technology

Mesh system for high signal integrity & reliability.

Comprehensive system integration

Part of a wider Z wave alliance of over 650 products provide integration of Lighting, Safety, Security, Multi media, Comfort, Convenience and Energy Efficiency.

Part of the Ultimate family

Common aesthetics and finishes allow Connect to be integrated seamlessly with new and existing Ultimate wiring accessory installations.

Explanation of symbols



Z-Wave standard



The device can assume the functions of the system administrator.



The device has the routing function. It automatically relays signals and maintains fault-free operation.



The device transmits signals.



The device receives signals and switches accordingly e.g. light or roller shutter.



The EASY CONNECT method is not available or only available with restrictions.

Switching



230 V incandescent lamps



230 V halogen lamps



fluorescent lamp



Dimmable, wound transformers



Electronic transformers for trailing edge dimmer

Dimming/switching

- Surface-mounted visible installation possible in conjunction with surface-mounted housing.
- The following applies for all types of dimmers: If the dimmers cannot dissipate sufficient heat (cavity walls, multiple combinations and surface-mounted combinations), the connected loads specified may not be exploited to the maximum.



230 V incandescent lamps



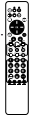










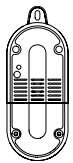
















230 V halogen lamps

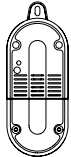











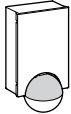


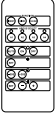



Dimmable, wound transformers



Electronic transformers for trailing edge dimmer

Devices		Device features	Radio features	Radio functions		
				EASY CONNECT	CONNECT radio configuration (additional)	
	CONNECT radio universal remote control MTN50510000	Remote control for the radio receivers, Merten IR devices and up to five IR AV devices		Switch on, switch off, toggle, dim, raise/lower roller shutters, scene	Graphic programming of all CONNECT functions	
	CONNECT radio push-button, Move MTN5080..., MTN5081..	Battery-powered mobile radio transmitter		Toggle, dim	Switch on, switch off, push-button operation (bell), scene	
	CONNECT radio push-button, 1-gang MTN5061..., MTN5051..	Operator button, battery-powered, 2 channels, 12 radio receivers per channel		Switch on, switch off, dim, raise/lower roller shutters	Toggle, push-button operation (bell), scenes, division of channels	
	CONNECT radio push-button, 2-gang MTN5062..., MTN5052..	Operator button, battery-powered, 4 channels, 12 radio receivers per channel		Switch on, switch off, dim, raise/lower roller shutters	Toggle, push-button operation (bell), scenes, division of channels	
	CONNECT radio transmitter flush-mounted, 4-gang MTN506004	Battery-powered, for up to 4 floating switch contacts Receiver can be remote-controlled via push-buttons			Switch on, switch off, dim, raise/lower shutters, push-button operation (bell), configuration as push-button or switch for all inputs	
	CONNECT radio receiver, 1-gang switch MTN50110011 AC 230 V, 10 A	Switching one load via make contact 			Switch on, switch off, toggle	Staircase lighting function, ON/OFF delay
	CONNECT radio receiver, 1-gang universal dimmer MTN50100011 AC 230 V, 25 VA-250 VA	Switching and dimming external loads 			Switch on (to memory value), switch off, dim	Adjustable dimming speed, staircase lighting function, master/slave, brightness limit, switch on to brightness limit, memory function that can be switched off
	CONNECT radio receiver, flush-mounted, 2-gang switch MTN50120011 AC 230 V, 6 A	Switching two loads via make contact 			 Only channel 1 can be used: Switch on, switch off, toggle	Channel 2 can be used: staircase lighting function, ON/OFF delay
	CONNECT radio receiver, flush-mounted, 1-gang switch, 2-pole MTN50110012 AC 230 V, 10 A	Switching one load via make contact a 2-pole make contact 			Switch on, switch off, toggle	Staircase lighting function, ON/OFF delay
	CONNECT radio receiver, flush-mounted, 1-gang roller shutter MTN50150011 AC 230 V, 6 A, cosφ =0,6; 500 VA	Controlling one roller shutter drive 			Roller shutter Up/Down, Stop	Slat, up/down duration

Devices	Device features	Radio features	Radio functions EASY CONNECT	CONNECT radio configuration (additional)
 <p>Connect 230 V radio Transmitter CONNECT, 2-gang MTN50160012</p>	<p>230 V-powered, with two 230 V input channels (e.g. to connect twilight switches) 12 radio receivers per channel</p>		 <p>Only channel 1 can be used: Toggle, dim, shutter control</p>	<p>Channel 2 can be used: switch on, switch off, dim, raise/lower shutters, push-button operation (bell), configuration as push-button or switch for all inputs</p>
<p>RF Router CONNECT MTN50180010</p>	<p>Router</p>			<p>Graphical integration of the router into the RF System CONNECT</p>
 <p>CONNECT radio plug adapter, switch MTN50600119, BS plug AC 230 V, 50 Hz 16 A, cosφ=1, max. 35µF</p>	<p>Switching external loads with plug.</p> 		 <p>Switch on, switch off, toggle</p>	<p>Staircase lighting function, ON/OFF delay</p>
<p>CONNECT radio plug adapter, universal dimmer MTN50610119, BS plug AC 230 V, 50 Hz 40 VA-350 VA</p>	<p>Switching and dimming external loads with plug</p> 		 <p>Switch on (to memory value), switch off, dim</p>	<p>Adjustable dimming speed, staircase lighting function, brightness limit, switch on to brightness limit, memory function that can be switched off</p>
 <p>Radio ARGUS 220 CONNECT MTN5052-31..</p>	<p>Outdoor movement detector Up to 4 movement detectors can be networked and set via the remote control for radio ARGUS 220 CONNECT</p>			<p>Fully integrate the radio ARGUS into the radio network Teaching receiver</p>
 <p>Remote control for ARGUS 220 CONNECT MTN50521100</p>	<p>Radio remote control Functions: permanent ON, permanent OFF, automatic, brightness threshold, switching duration, set and change the sensitivity to movement.</p>		<p>Up to 4 radio ARGUS 220 CONNECT can be networked and set via the remote control.</p>	



MTN506801

Software configuration tool & USB dongle

The radio system is conveniently configured on the PC using the CONNECT radio configuration tool and the radio USB data interface. The data interface is only required during programming.

■ **Functions:**

- "plug and play" installation
- Driver for all common Windows operating systems
- Fastening clip for fastening on to a Notebook display
- Power supply via the PC's USB interface.

■ **Note:** Software and updates available at www.schneider-electric.com. Follow the link to your local website.

■ **Contents:** CD with CONNECT radio configuration tool, USB cable.

Part number	Description	Qty
MTN506801	CONNECT radio USB data interface	1



MTN50510000



Universal remote control

■ Radio remote control and IR remote control in a single device. For activating:

- Devices in the CONNECT radio system
- Schneider-Electric and Merten IR devices
- Up to four IR AV devices such as TV,VCR, DVB-T, CTV, DVD/ TER, AUX

With the remote control, 6 groups or scenes can be controlled on each of 2 levels. 12 devices can be connected for each button pair.

Radio features: System administrator, transmitter

■ **Functions:**

Easy CONNECT:

- Switch on, switch off, dim, raise/lower roller shutters, scene
- Programming in EASY CONNECT as a system administrator

■ Additionally with CONNECT radio configuration tool:

- Graphical programming of the functions

■ Extended functions for IR/AV:

- Supports more than 1,000 manufacturers. The IR codes are selected from a list or by using the search function.
- Teach-in function for IR codes using the original remote control

■ Radio frequency: 868 MHz

■ Radio range: up to 100 m in free field, up to 30 m indoors

■ IR range: up to 15 m

■ Battery: 3 microcells (IEC LR 03, AAA)

■ Display element: multi-colour LED

■ **Note:** The remote control must be used as the system administrator in connection with the EASY CONNECT method.

■ **Contents:** With battery.

■ With a codes table for nearly all conventional devices, like TV,VCR, DVB-T, CTV, DVD/ TER, AUX ...

Part number	Description	Qty
MTN50510000	Polar white	1



MTN508119



Move push-buttons

Battery-powered mobile radio transmitter with 1 channel. For activating the CONNECT radio system's radio receiver. A maximum of 12 radio receivers can be connected. Radio features: System administrator (see note) Suitable for sticking onto walls or glass, screwing onto walls or flush-mounted boxes, or installing in a multiple combination.

■ **Functions:**

- Easy CONNECT: Toggle, dim

- With CONNECT radio configuration tool: - additionally switch on, switch off, push-button operation (bell), scenes

■ **Channels:** 1

■ **Radio frequency:** 868 MHz

■ **Range:** up to 100 m in free field, up to 30 m indoors

■ **Battery:** 1 lithium button cell (CR 2450N)

■ **Battery life:** > 5 years

■ **Display elements:** LED for transmission confirmation/programming

■ **Operating elements:** 1 button

■ **Dimensions:** 44 x 12.5 mm (Ø x H)

Note: The device can assume the features and characteristics of the system administrator. As this a mobile device we recommend that you select a fixed device as system administrator. For example, use a Connect 1 gang push-button.

■ **Contents:** Battery, wall bracket, double-sided adhesive strips, single-sided adhesive foils aluminium-coloured, screws, dowels.

Note: Frames sold separately.

Part number	Description	Qty
MTN508119	Polar white, glossy	1
MTN508014	Anthracite	1
MTN508060	Aluminium	1



MTN508119 & MTN515119

Move push-button frames

Part number	Description	Qty
MTN515119	Polar white	1
MTN486114	Anthracite	1
MTN486160	Aluminium	1



MTN506119



1 gang push-buttons

Battery-powered radio transmitter with 2 channels. For activating the CONNECT radio system's radio receiver. A maximum of 12 radio receivers per channel can be connected. Radio features: System administrator Suitable for sticking onto walls or glass, screwing onto walls or flush-mounted boxes, or installing in a multiple combination.

■ Functions:

- EASY CONNECT: Switch on, switch off, dim, raise/lower roller shutters
- With CONNECT radio configuration tool: additionally toggle, push-button operation (bell), scenes, division of channels

■ Channels: 2

■ Radio frequency: 868 MHz

■ Range: up to 100 m in free field, up to 30 m indoors

■ Battery: 1 lithium button cell (CR 2450N)

■ Battery life: > 5 years

■ Display elements: LED for transmission confirmation/programming

■ Operating elements: 2 buttons

■ Contents: Battery, retaining plate, double-sided adhesive strips, single-sided adhesive foils aluminium coloured, screws, dowels.

Note: Ultimate frames are sold separately.

Part number	Description	Qty
MTN506119	Polar white, glossy	1
MTN505114	Anthracite	1
MTN505160	Aluminium	1



GU8432BN



GU8432PN

Ultimate screwless flat plate Connect front plates

Part number	Description	Qty
GU8432**	1 module	1



MTN506219

2 gang push-buttons

Battery-powered radio transmitter with 4 channels. For activating the CONNECT radio system's radio receiver. A maximum of 12 radio receivers per channel can be connected. Radio features: System administrator Suitable for sticking onto walls or glass, screwing onto walls or flush-mounted boxes, or installing in a multiple combination.

■ Functions:

- EASY CONNECT: Switch on, switch off, dim, raise/lower roller shutters
- With CONNECT radio configuration tool: additionally toggle, push-button operation (bell), scenes, division of channels

■ Channels: 4

■ Radio frequency: 868 MHz

■ Range: up to 100 m in free field, up to 30 m indoors

■ Battery: 1 lithium button cell (CR 2450N)

■ Battery life: > 5 years

■ Display elements: LED for transmission confirmation/programming

■ Operating elements: 4 buttons

■ Contents: Battery, retaining plate, double-sided adhesive strips, single-sided aluminium coloured adhesive foil, screws.

Part number	Description	Qty
MTN506219	Polar white, glossy	1
MTN505214	Anthracite	1
MTN505260	Aluminium	1

Note Replace ** with suffix code to denote finish required:

SS	Stainless steel	PB	Polished brass	PW	Painted white
PC	Polished chrome	PN	Pearl nickel	BN	Black nickel



MTN50160012



2 gang wired transmitter

Radio transmitter with 2 inputs for 230V switching contacts (e.g. light-sensitive switch). For remote control of other receivers of the CONNECT radio system.

- Radio features: Transmitter, router (see note)
- Automatic recognition of the connected devices (switches or push-buttons).
- With screw terminals.
- Suitable for surface mounting.
- Integrated fixing holes.

■ Functions:

- Easy Connect: channel 1 can be used to toggle, dim or shutter control
- With CONNECT radio configuration tool: channel 2 usable

■ Channels: 2

- Radio frequency: 868 MHz
- Range: up to 100m in free field, up to 30m indoors
- Nominal voltage: AC 230V, 50/60Hz
- Power consumption: < 1 W
- Display elements: LED

■ Operating elements: Push-buttons for programming

- Type of protection: IP 20
- Dimensions: 29 x 54 x 135mm (H x W x D)

Note: The device can assume the features and characteristics of the system administrator.

Part number	Description	Qty
MTN50160012	2 gang push-button	1



MTN506004



4-gang battery powered transmitter

Battery-powered radio transmitter for connecting up to 4 floating switch contacts (e.g. standard push-buttons). For the remote control of other receivers from the CONNECT radio system via push-buttons from the Merten switch ranges.

- Radio features: Transmitter
- Automatic recognition of the connected devices (switches or push-buttons).
- Suitable for installation underneath push-button inserts or in empty flush-mounted boxes.

■ Functions:

- With CONNECT radio configuration tool: Switch on, switch off, toggle, dim, raise/lower shutters, push-button operation (bell), configuration as push-button or switch for all inputs.

■ Channels: 4

- Radio frequency: 868 MHz
- Range: up to 100 m in free field, up to 30 m indoors
- Battery: 1 lithium button cell (CR 2450N)
- Battery life: > 5 years

■ Display elements: LED

■ Operating elements: Push-buttons for programming

- Dimensions: 43 x 41 x 14 mm (H x W x D)

Part number	Description	Qty
MTN506004	4-gang battery powered transmitter	1



MTN50110011



1 gang switch receiver

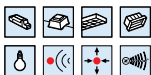
For switching loads via a make contact. Can be remote-controlled via transmitters in the CONNECT system.

- Radio features: Router
 - With screw terminals.
 - Suitable for surface mounting.
 - Integrated fixing holes.
- Functions:
 - EASY CONNECT: Switch on, switch off, toggle
 - With CONNECT radio configuration tool: additionally staircase lighting function, ON/OFF delay
- Channels: 1
- Radio frequency: 868 MHz
- Range: up to 100 m in free field, up to 30 m indoors
- Nominal voltage: AC 230 V, 50/60 Hz
- Power consumption: < 1 W
- Connected loads: Incandescent lamps: AC 230 V, 2000 W
- Halogen lamps: AC 230 V, 1500 W
- Capacitive load: 35 µF
- Display elements: LED
- Operating elements: Push-buttons for programming
- Type of protection: IP 20
- Dimensions: 29 x 54 x 135 mm (H x W x D)
- Accessories: Capacitor MTN542895

Part number	Description	Qty
MTN50110011	1 gang switch receiver	1



MTN50120011



2 gang switch receiver

For switching two loads via make contact. Can be remote-controlled via CONNECT radio system transmitters.

- Radio features: router
 - With screw terminals.
 - Suitable for surface mounting.
 - Integrated fixing holes.
 - Functions:
 - EASY CONNECT: 1. Channel can be used, switch on, switch off, toggle
 - With CONNECT radio configuration tool: 2. Channel + additionally staircase lighting function, ON/OFF delay
 - Channels: 2
 - Radio frequency: 868 MHz
 - Range: up to 100 m in free field, up to 30 m indoors
 - Nominal voltage: AC 230 V, 50/60 Hz
 - Power consumption: < 1 W
 - Connected loads: Incandescent lamps: AC 230 V, 600 W
 - Halogen lamps: AC 230 V, 600 W
 - Display elements: LED
 - Operating elements: Push-buttons for programming
 - Type of protection: IP 20
 - Dimensions: 29 x 54 x 135 mm (H x W x D)
 - Accessories: Capacitor MTN542895
- Note:** Do not connect any capacitive loads.

Part number	Description	Qty
MTN50120011	2 gang switch receiver	1



MTN50110012



1 gang 2-pole switch receiver

For switching a load via a 2-pole make contact. Can be remote-controlled via CONNECT radio system transmitters.

- Radio features: router
- With screw terminals.
- Suitable for surface mounting.
- Integrated fixing holes.
- Functions:
 - EASY CONNECT: Switch on, switch off, toggle
 - With CONNECT radio configuration tool: additionally staircase lighting function, ON/OFF delay
- Channels: 1
- Radio frequency: 868 MHz
- Range: up to 100 m in free field, up to 30 m indoors
- Nominal voltage: AC 230 V, 50/60 Hz
- Power consumption: < 1 W
- Connected loads: Incandescent lamps: AC 230 V, 1200 W
- Halogen lamps: AC 230 V, 800 W
- Capacitive load: 14 µF
- Display elements: LED
- Operating elements: Push-buttons for programming
- Type of protection: IP 20
- Dimensions: 29 x 54 x 135 mm (H x W x D)
- Accessories: Capacitor MTN542895

Part number	Description	Qty
MTN50110012	1 gang 2-pole switch receiver	1



MTN50600119

Switch plug adaptor

For switching external loads with British Standard plug.

- Radio features: router
- Manual operation via the sensor surface and remote control possible via CONNECT radio system transmitters.
- Functions:
 - EASY CONNECT: Switch on, switch off, toggle
 - With CONNECT radio configuration tool: additionally staircase lighting function, ON/OFF delay
- Channels: 1
- Radio frequency: 868 MHz
- Range: up to 100 m in free field, up to 30 m indoors
- Nominal voltage: AC 230 V, 50 Hz
- Power consumption: < 1 W
- Incandescent lamps: AC 230 V, max. 2000 W
- Halogen lamps: AC 230 V, max. 2000 W
- Capacitive load: max. 35 µF
- Display elements: LED
- Operating elements: Sensor surface for local operation and programming
- Type of protection: IP 20
- Dimensions: 120x65x38 mm (HxWxD)

Part number	Description	Qty
MTN50600119	Polar white	1



MTN50100011



Universal dimmer receiver

To switch and dim external loads.

■ Radio feature: router

- For ohmic, inductive and capacitive loads, e.g. incandescent lamps, dimmable wound transformers and electronic transformers. (Phase control or phase alignment).
- Manual operation using the key on the device via an extension unit and remote controlled using the CONNECT radio system's transmitter.
- The integrated universal dimmer automatically recognises the connected load. Do not connect any mixed loads. With overload protection, short circuit protection and memory function.
- Suitable for surface mounting.
- Integrated fixing holes.

■ Functions:

- EASY CONNECT: Switch on (to memory value), switch off, dim
- With CONNECT radio configuration tool: additionally adjustable dimming speed, staircase lighting function, master/slave, brightness limit, switch on to brightness limit, memory function that can be switched off

■ Channels: 1

■ Radio frequency: 868 MHz

■ Range: up to 100 m in free field, up to 30 m indoors

■ Nominal voltage: AC 230 V, 50/60 Hz

■ Power consumption: < 1 W

■ Minimum load: 25 VA

■ Maximum load: 250 VA

■ Display elements: LED

■ Operating elements: Push-buttons for programming

■ Type of protection: IP 20

■ Dimensions: 29 x 54 x 135 mm (H x W x D)

■ Accessories: Capacitor MTN542895

Part number	Description	Qty
MTN50100011	Universal dimmer receiver	1

Universal dimmer plug adaptor

For switching and dimming external lighting loads with British Standard plug.

■ Radio features: router

- For ohmic, inductive and capacitive loads, e.g. incandescent lamps, dimmable wound transformers and electronic transformers. (Phase control or phase alignment).
- Manual operation via the sensor surface and remote control possible via CONNECT radio system transmitters.
- The integrated universal dimmer automatically recognises the connected load. Do not connect any mixed loads.
- With memory function, can be switched off.

■ Functions:

- EASY CONNECT: Switch on (to memory value), switch off, dim

- With CONNECT radio configuration tool: additionally adjustable dimming speed, staircase lighting function, brightness limit, switch on to brightness limit, memory function that can be switched off

■ Channels: 1

■ Radio frequency: 868 MHz

■ Range: up to 100 m in free field, up to 30 m indoors

■ Nominal voltage: AC 230 V, 50 Hz

■ Power consumption: < 1 W

■ Minimum load: 40 VA

■ Maximum load: 350 VA

■ Display elements: LED

■ Operating elements: Sensor surface for local operation and programming

■ Type of protection: IP 20

■ Dimensions: 120x65x38 mm (HxWxD)

Part number	Description	Qty
MTN50610119	Polar white	1



MTN50610119





MTN50150011



Change-over relay receiver

For controlling a roller shutter drive. Can be remote-controlled via CONNECT radio system transmitters.

- Radio features: router
 - With screw terminals.
 - Suitable for surface mounting.
 - Integrated fixing holes.
- Functions:
 - EASY CONNECT: Roller shutter Up/Down, Stop
 - With CONNECT radio configuration tool: Louvres, up/down duration
- Channels: 1
- Radio frequency: 868 MHz
- Range: up to 100m in free field, up to 30m indoors
- Nominal voltage: AC 230V, 50/60Hz
- Power consumption: < 1 W
- Connected loads: Motor load: AC 230 V, 500 VA
- Display elements: LED
- Operating elements: Push-buttons for programming
- Type of protection: IP20
- Dimensions: 29 x 54 x 135mm (H x W x D)
- Accessories: Capacitor MTN542895

Part number	Description	Qty
MTN50150011	Change-over relay receiver	1



MTN50180010



CONNECT radio router, surface-mounted

Router to extend the range of the CONNECT radio system.

- Radio features: router
 - With screw terminals.
 - Suitable for surface mounting.
 - Integrated fixing holes.
- Functions:
 - With CONNECT radio configurator: Integration in the CONNECT radio system
- Radio frequency: 868 MHz
- Range: up to 100m in free field, up to 30m indoors
- Nominal voltage: AC 230V, 50/60Hz
- Power consumption: < 1 W
- Display elements: LED
- Operating elements: Push-buttons for programming
- Dimensions: 29 x 54 x 135mm (H x W x D)

Part number	Description	Qty
MTN50180010	CONNECT radio router, surface-mounted	1



MTN50523119



ARGUS 220 movement detectors

Electronic movement detector. 220° surface monitoring for large house fronts and sections of the house.

- 360° short-range zone (approx. 4 m radius).
- Large wiring compartment and plug system.
- Looping is possible.
- LED function display for fast alignment at the installation site.
- Operating elements are protected under the easily accessible cover plate.
- Flexibly adjustable sensor head.
- Possible to blank out individual lens areas.

Can be installed on walls and ceilings without additional accessories. Can be mounted on inner/outer corners and stationary pipes using a mounting bracket.

■ Functions: Up to four radio ARGUS 220 CONNECT devices or switch actuators can be networked and set via the remote control (permanent ON, permanent OFF, automatic, brightness threshold, switching time, set and change the sensitivity to movement.)

■ In conjunction with the CONNECT radio configuration tool, you can:

- Fully integrate the radio ARGUS 200 CONNECT into the radio network and network with other devices.
- Twilight switch function.

- Nominal voltage: AC 230V, 50 Hz
- Incandescent lamps: AC 230V, max. 2000W
- Halogen lamps: AC 230V, max. 2000W
- Fluorescent lamps: AC 230V, 1200W uncompensated
- Capacitive load: max. 35 µF
- Max. switching current: 16A, AC 230V, $\cos\varphi = 1$
- Angle of detection: 220°
- Range: max. 16m
- Number of levels: 7
- Number of zones: 112 with 448 switching segments
- Light sensor: continuously adjustable from 3-1000 lux
- Time: 1 sec. to approx. 8 min. in 6 steps
- Sensitivity: continuously adjustable
- Neutral conductor: required
- Sensor head adjustment for wall mounting: - 9° up, 24° down, 12° left/right, ±12° axial
- Sensor head adjustment for ceiling mounting: - 4° up, 29° down, 25° left/right, ±8.5° axial
- EC guidelines: Low voltage directive 2006/95/EEC and EMC directive 2004/108/EEC
- Radio frequency: 868 MHz
- Transmission range: up to 100 m in free field, up to 30 m indoors
- Type of protection: IP 55
- Dimensions: 151x93x71mm (HxWxD)
- Accessories: Remote control for radio ARGUS 220 CONNECT MTN5052-1100, Mounting bracket TN565291, Capacitor MTN542895
- Contents: With cover plate and segments to limit the area of detection, screws and plugs.

Part number	Description	Qty
MTN50523119	Polar white	1
MTN50523160	Aluminium	1

Remote control for ARGUS 220

One radio ARGUS 220 CONNECT or one radio receiver switch each can be linked, networked and set for each key (A1-A4) on the remote control.

■ Functions: You can set the following functions on the ARGUS: Operating mode (permanent ON, permanent OFF, automatic), brightness threshold, switching duration, set and change the sensitivity to movement.

- Channels: 4
- Radio frequency: 868 MHz
- Range: up to 100 m in free field, up to 30 m indoors
- Battery: 1 lithium button cell (CR 2450N)
- Display elements: Status LED
- Receiver: Radio ARGUS 220 CONNECT MTN5052-31.
- Contents: With battery.

Part number	Description	Qty
MTN50521100	Remote control for ARGUS 220	1

Capacitor

For use in push-button circuits to prevent flickering of the neon lamp and/or instantaneous switching of the installation relay when several push-buttons with neon lamps are in use.

For interference suppression of inductive loads, e.g. relays, contactors, fluorescent lamps, transformers, if the induction voltage of these devices leads to the retriggering of the ARGUS.

Part number	Description	Qty
MTN542895	AC 230 V, 0.33 µF	1



MTN50521100



MTN542895

Flexibility
in the home



LexCom Performance

The flexible multimedia choice

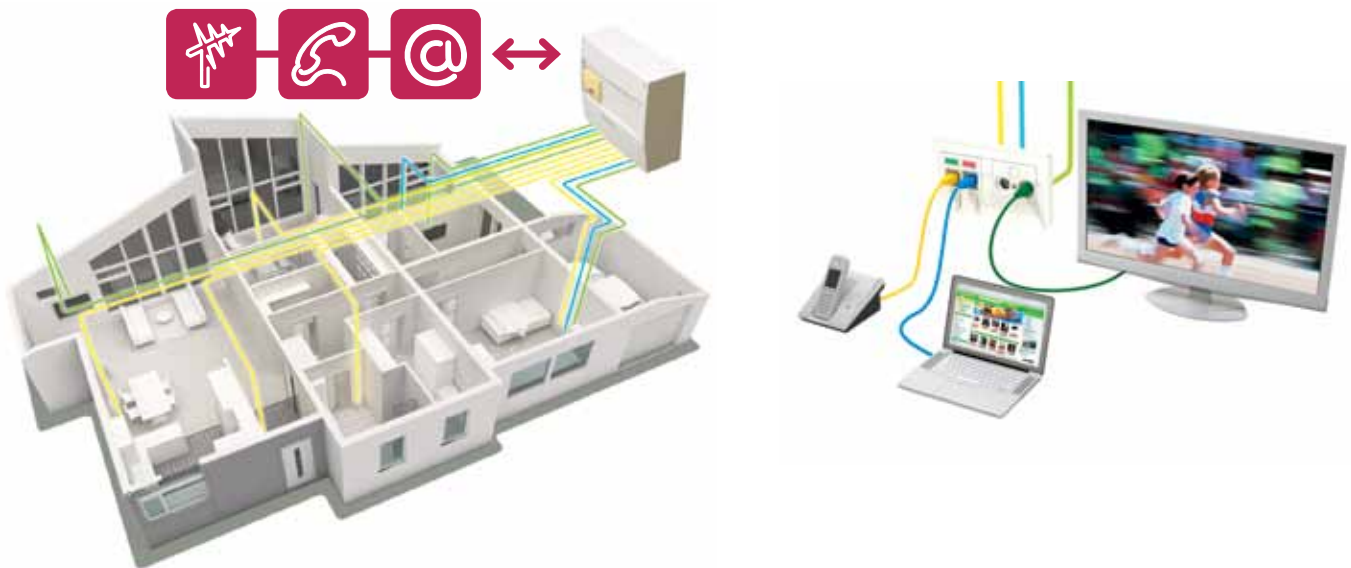
LexCom Performance is a good choice if you have an active interest in modern home technology and computers. You will get a network solution with a great capacity and multimedia access from all outlets thanks to the Triple play device.

Fast to install and easy to expand

LexCom Performance makes the installation easy and fast. Just put the central core unit with its 8 outgoing links, somewhere in the home. From there, a single cable carries the three separate signals for TV, phone and data to every outlet in every room.

Plug & Triple play

With a Triple Play Splitter, all outlets can be turned into a Multimedia hub. Just plug the Splitter in and the outlet can be used for phone, broadband or TV. This will make digital boxes, extension cords and cross connections obsolete. It is truly a flexible connectivity, eliminating inconveniences and creating more freedom.





Core system

Distribution of voice, data & image signals

- 2 RJ11 telephone lines
- 8 data ports RJ45 STP
- Gain forward -5/ +15dB
- Tilt (equaliser): +/- 6db
- Input voltage 12 Vdc
- Dimension: 300 x 250 x 90 mm
- Weight: 500g

Part number	Description	Qty
VDIR528010	Active central processing unit	1



Cable

LexCom Performance installation cable, S/STP

- 4 twisted pairs individually shielded S/STP
- White outer jacket (RAL 9010), LSFROH
- International colour coding

Part number	Description	Qty
VDIR534810	Cable white box – 120m	1
VDIR534830	Cable white drum – 300m	1



Outlet connector

RJ45 jack for LexCom Performance terminal outlets

- Screened wide band connector STP
- Does not require tool for wiring
- International colour coding

Part number	Description	Qty
VDI552012	LexCom Performance STP connector	1



Part number	Description	Qty
GU8450**	Ultimate screwless 1 module Euro plate Dimensions: 88 x 88mm (1 module)	1
GU8250**	Ultimate flat plate 1 module Euro plate Dimensions: 88 x 88mm (1 module)	1
GU8550**	Ultimate low profile 1 module Euro plate Dimensions: 88 x 88mm (1 module)	1
GU8050	Ultimate moulded 1 module Euro plate Dimensions: 86 x 86mm (1 module)	1
GEURO1	Exclusive moulded 1 module Euro plate Dimensions: 86 x 86mm (1 module)	1



To order a complete unit requires:

- LexCom Performance connector
- Outlet module
- Euro plate

Part number	Description	Qty
GUE7091*	LexCom Performance data outlet module	8



Triple play

Enables all 3 services to be used simultaneously from one outlet

- 1 in RJ45 3 out RJ45 (supplied with 3m input cord)
- Flame retardant PVC black cable
- Balun in the RJ45 plug

Part number	Description	Qty
VDIR593001	Triple play splitter	1
VDIR647402	Triple play input cord 0.5m	1

Note Replace * with suffix code to denote colour required:

W White **B** Black

Note Replace ** with suffix code to denote plate finish required:

SS Stainless steel **PN** Pearl nickel **PC** Polished chrome
PW Painted White **PB** Polished brass **BN** Black nickel

Dedicated cords and accessories



Connection cord between the wall outlet and the TV or Radio equipment

- Mixed cord TV/R IEC (male) / RJ45 with superior shielding construction
- Flame retardant PVC black cable
- Balun in the RJ45 plug
- Female IEC adapter included for Radio
- Provided in 3 meter length

Part number	Description	Qty
VDIR643003	TV/Radio cord	1



Connection and patch cord for data application

- 2 pairs straight wiring
- RJ45 to RJ45 screened cord
- PVC grey cable
- Overmoulded RJ45 plug

Part number	Description	Qty
VDIR547402	Data cord, 0.5m	1
VDIR547403	Data cord, 1m	1
VDIR547404	Data cord, 2m	1
VDIR547405	Data cord, 3m	1
VDIR547406	Data cord, 5m	1



Stacking cord to daisy chain two LexCom Performance units

- Mixed cord RJ11 / RJ45 unscreened
- PVC black cable
- Overmoulded RJ45 plug
- Provided in 1 meter length

Part number	Description	Qty
VDIR542111	Stacking cord	1
VDIR580021	Cable jacket stripper	1



The tool kit provides a small range of tools especially adapted, it includes:-

- 1 cable jacket stripper
- 1 LSA punch down tool
- 1 flat screw driver for gain adjust
- 1 cross screw driver for overall mounting
- 1 wrench key for F-conn

Part number	Description	Qty
VDIR580020	Tool kit	1



A test system to verify the installation work and to enable correct configuration of the installation

- Allows the 8 links to be tested
- Tests the wire map (continuity and shorts)
- Tests cable link length adjustments for TV output level
- Powered by LexCom Performance core unit

Part number	Description	Qty
VDIR580010	Test kit	1

Meeting installation requirements





Wiring Accessories

Schneider Electric provide a comprehensive range of wiring accessories that guarantee quality, flexibility, safety and performance with the practical features that save the installer time and energy.

Powerline

Ethernet enabled socket 26-27

Ultimate range

Slimline white moulded 29-43

Part M solutions 44-53

Screwless flat plate 54-71

Flat plate 72-89

Low Profile 90-103

Exclusive range

Square edge white moulded 105-110

Decorative 111-114

Metal clad 115-122

T2 ceiling accessories 123-129

Energy efficiency

Occupancy sensors 130-133

High impact resistant

E-Series polycarbonate 134-141

Weatherproof

IP55 & IP66 142-146

Kavacha 147-148

Industrial switchgear

56 Series 149-154

Technical information 166-173

A simple,
cost effective
networking
solution



Powerline

Powerline

Powerline the next generation of wiring accessories, is an ethernet enabled wall socket that provides a fast and reliable networking solution that is quick and easy to install. By utilising existing electrical wiring as data cables, it eliminates the need for CAT5 cabling, or unsightly and unsecure plug-in adapters.

Features & benefits:

- > Simple to install networking solution, with no rewiring needed
- > Unique design incorporates all of the electronics inside the wall socket
- > Integrated mains filter improves the data transmission speeds
- > Units automatically go into power save mode for reduced power consumption
- > High speed managed switch with 4 Ethernet ports eliminates the need for adding additional network switches
- > Advanced network functionality



Powerline unit

- Standards: Ethernet specifications IEEE 802.3, IEEE 802.3x, IEEE 802.3u, IEEE 1901, Auto MDI / X, HomePlug AV compatible
- Standard: HomePlug Alliance 200 AV compatible
- Protocols: TDMA, CSMA/CA over power supply grid
- Transmission speed: Up to 200 Mbps (gross)
- Transmission method: Asynchronous
- Modulation: OFDM - 1155 carriers, 1024/256/64-QAM, QPSK, BPSK
- Data path: Ethernet <-> power supply grid (uses mains cables for data connection)
- Range: Up to 300m over power supply grid
- Security: 128-bit AES encryption over power supply grid
- LED indicators: Power
 - Connect (Link/Activity/Quality)
 - Network Activity (Link/Activity)
- Buttons: Join/Leave button
 - Reset/Force Hibernation (long press)
- Socket UK: Type G (BS 1363)
- Power output to socket: - 230 V/13 A maximum
- Device port: 4 x Ethernet RJ45 connected to a managed switch
- Power consumption: 5 W (max.), 1.5 W in standby 0.5 W in hibernation
- Power supply: AC 220-240 V 50/60 Hz
- Damping filter: 2 – 30 MHz
- Filter characteristics: 30 dB
- Dimensions: Fits a standard UK 2 gang 25mm deep metal back box (with spacer)
- Temperature storage: 0°C - 35°C
- Operation: 5°C - 40°C
- Product weight: 261g
- Ambient conditions: 10-90% humidity (non-condensing)
- System requirements: Ethernet interface
- Works with: Supports all operating systems Windows, Mac, Linux and all operating systems with Ethernet ports (RJ45)

Part number	Description	Qty
GPL34504RJ45WH	1 gang unswitched socket & 1 gang powerline 4 x RJ45	1

The stylish,
modern
alternative



Ultimate
range

Ultimate slimline white moulded

Ultimate slimline white moulded wiring accessories offer a stylish, modern alternative.

Aesthetically pleasing and ultra-slim, these sleek fittings make for ease of installation with their subtle curved profile and minimum back projections.

The range, which includes euromodular and grid variants, was designed to complement the Ultimate screwless and flat plate ranges for situations where a combination of fittings may be required.

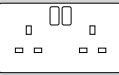




Features & benefits:




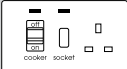
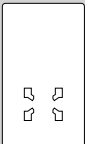


Consumer









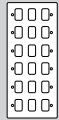
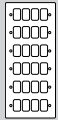










- > An ultra-slim plate for minimum projection when flush fitted
- > Curved rockers with tactile switch action
- > Slim-line, compact neons for a less obtrusive look
- > Screw cap covers provide a sleek finishing touch

Installer

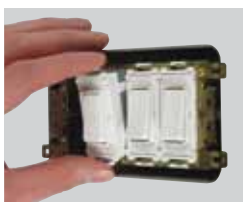
- > Minimal back projection for both new and retrofits (switches 16mm, sockets 25mm)
- > Unique integral locking facility on isolator for added safety
- > Fully rated switches at 16AX for fluorescent and inductive loads
- > Colour coded in-line terminals make selection even easier
- > Double pole options on 1-gang and 2-gang switched sockets (twin-earth terminals on 2 gang sockets)
- > All fuse carriers are lockable to prevent accidents during maintenance
- > Plated earth straps assist longevity for a corrosion free life
- > 50A rated plateswitches for switching appliances with higher current ratings, such as heaters, cookers and commercial refrigerating units

		Colors			Mounting box depth	
		White	Red	Grey		
13A socket-outlet		1G unswitched	GU3050		25/35mm	
		2G unswitched	GU3060	GU3060RD	25/35mm	
		1G switched	GU3010		25/35mm	
		1G switched with neon	GU3011		25/35mm	
		2G switched	GU3020		25/35mm	
		2G switched with neons	GU3021		25/35mm	
		1G DP switched	GU3010D	GU3010DRD	GU3010DGY	25/35mm
		2G DP switched	GU3020D			25/35mm
13A DP outboard rocker switched socket-outlet		2G DP switched	GU3030	GU3030RD	GU3030GY	25/35mm
		2G switched with clean earth	GU3031			25/35mm
		2G switched red with rockers, clean earth and neons	GU3032			25/35mm
		2G switched with clean earth and non standard	GU3033			25/35mm
		2G switched with red rockers, clean earth, non standard and neons	GU3034			25/35mm
Round pin socket-outlet		2A unswitched	GU3070		25mm	
		5A unswitched	GU3080		25mm	
		15A switched	GU3090		25mm	
		15A switched with neon	GU3091		25mm	
16AX plate switches		1G 1 way	GU1011		16mm	
		1G 2 way	GU1012		GU1012GY	16mm
		1G 16A 2 way retractive*	GU1012R			16mm
		1G 16A 2 way retractive marked press*	GU1012RP			16mm
		1G 16A 2 way retractive marked with bell symbol**	GU1012RB			16mm
		2G 2 way	GU1022		GU1022GY	16mm
		3G 2 way	GU1032		GU1032GY	25mm
		4G 2 way	GU1042			25mm
		6G 2 way	GU1062			25mm
		10A 3 pole isolator*	GU1013			25mm
		1G intermediate*	GU1014		GU1014GY	25mm
	16AX wide rocker switches		1G 2 way	GRWH1012		GRWH1012GY
		2G 2 way	GRWH1022		GRWH1022GY	25mm
		3G 2 way	GRWH1032A		GRWH1032GY	25mm
		1G 10AX intermediate*	GRWH1014		GRWH1014GY	25mm
10AX architrave switches		1G 2 way architrave	GU1012A			16mm
		2G 2 way architrave	GU1022A			16mm
Mains dimmer switches		1G 1 way 400 W rotary	GU6011			16mm
		1G 2 way 400 W push	GU6012			25mm
		2G 2 way 250 W push	GU6022			25mm
		3G 2 way 250 W push	GU6032			35mm
		4G 2 way 250 W push	GU6042			35mm
Low voltage dimmer switches		1G 1 way 400 VA rotary	GU6011LV			16mm
		1G 2 way 400 VA push	GU6012LV			25mm
		2G 2 way 250 VA push	GU6022LV			25mm
		3G 2 way 250 VA push	GU6032LV			35mm
		4G 2 way 250 VA push	GU6042LV			35mm

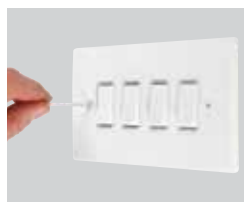
		Colors			Mounting box depth	
		White	Red	Grey		
20AX & 32A DP switches and flex outlet plates		1G 20A DP	GU2010		25mm	
		1G 20A DP with neon	GU2011		25mm	
		1G 20A DP with flex outlet	GU2013		25mm	
		1G 20A DP with neonAnd flex outlet	GU2014		25mm	
		1G 20A DP with flex outletAnd neon marked water heater	GU2014WH		25mm	
		1G 32A DP switch with neon	GU4031		35mm	
		25A side entry flex outlet plate	GU2033		25mm	
		20A front entry flex outlet plate	GU2003		25mm	
13A fused connection units		13A unswitched	GU5000	GU5000RD	25mm	
		13A unswitched with neon	GU5001		25mm	
		13A unswitched with flex outlet	GU5003		25mm	
		13A unswitched with neon & flex outlet	GU5004		25mm	
		3A unswitched	GU50003		25mm	
		3A unswitched with flex outlet	GU50033		25mm	
		13A DP switched	GU5010		GU5010GY	25mm
		13A DP switched with neon	GU5011		GU5011GY	25mm
		13A DP switched with flex outlet	GU5013		25mm	
	13A DP switched with neon & flex outlet	GU5014		25mm		
50A DP switches		1G 50A DP	GU4010		47mm	
		1G 50A DP with neon	GU4011		47mm	
		2G 50A DP	GU4020		47mm	
		2G 50A DP with neon	GU4021		47mm	
45A DP cooker control units		45A DP cooker control unit & 13A switched socket-outlet	GU4000		47mm	
		45A DP cooker control unit & 13A switched socket-outlet with neons	GU4001		47mm	
		Cooker connection unit	GU4050		47mm	
Shaver socket outlet		115 / 230V dual voltage shaver socket-outlet	GU7090		47mm	
Telephone outlets		Single G RJ11 outlet	GU7051		25mm	
		Single G telephone master	GU7061		25mm	
		Single G telephone secondary	GU7062		25mm	
Data outlets		Single G RJ45 outlet	GU7071		25mm	
		Twin G RJ45 outlet	GU7072		25mm	
		Quad RJ45 outlet	GU7074		35mm	
TV outlets		Single G tv/fm co-axial	GU7010		25mm	
		Twin G tv/fm co-axial	GU7020		25mm	
		Single G satellite	GU7030		25mm	
		Twin G satellite/co-axial	GU7040		25mm	
Screened TV outlets		Single G diplex TV/FM	GU7021		35mm	
		Single G triplex TV/FM/SAT	GU7081		35mm	
Blank plates & replacement screw capped covers		1G blank plate	GU8010			
		2G blank plate	GU8020			
		Moulded screw capped covers	GUMSCO			

		1	2	3	4	6	8	9	12	18	24
											
Flush											
Moulded	White	GUG01G	GUG02G	GUG03G	GUG04G	GUG06G	GUG08G	GUG09G	GUG12G	GUG18G	GUG24G
Part M	Grey front plates	GUG01GGY	GUG02GGY	GUG03GGY	GUG04GGY						
	Dimensions	88 x 88mm	88 x 88mm	88 x 148mm	88 x 148mm	156 x 156mm	156 x 156mm	216 x 156mm	216 x 156mm	398 x 156mm	398 x 156mm
Flush mounting boxes											
											
		GBG01	GBG01	GBG02	GBG02	GBG03	GBG03	GBG04F	GBG04F	GBG06F	GBG06F
	Dimensions	76 x 76 42mm	76 x 76 42mm	136 x 76 42mm	136 x 76 42mm	136 x 136 42mm	136 x 136 42mm	193 x 133 42mm	193 x 133 42mm	374 x 133 42mm	374 x 133 42mm

- Fit installation box and mounting grid. Pull through cables, cut and strip to length.
- Terminate each cable to the appropriate switch, (clear terminal markings).



Once wired the modules, simply but securely clip into the mounting grid.

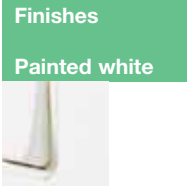


Finally after decorating, fit the cover plate.



Front plates are available in a choice of 1 to 24 gang sizes.

	Description	Code
6AX & 10AX modules white moulded	6AX 2 way retractive and centre off switch module	GUG202OCW
	10AX 1 way switch module	GUG101W
	10AX 2 way switch module	GUG102W
	10AX 2 way retractive switch module	GUG102RW
	10AX intermediate switch module	GUG101W
20AX modules white moulded	20AX 1 way switch module	GUG201W
	20AX 2 way switch module	GUG202W
	20AX 2 way on and off module	GUG2020W
	20AX DP switch module	GUG20DPW
20AX printed modules white moulded	20AX DP switch module marked microwave	GUG20DPMWW
	20AX DP switch module marked cooker hood	GUG20DPCHW
	20AX DP switch module marked dishwasher	GUG20DPDWW
	20AX DP switch module marked freezer	GUG20DPFZW
	20AX DP switch module marked washing machine	GUG20DPWMW
	20AX DP switch module marked tumble dryer	GUG20DPTDW
	20AX DP switch module marked heater	GUG20DPHTW
	20AX DP switch module marked hob	GUG20DPHOW
	20AX DP switch module marked oven	GUG20DPOVW
	20AX DP switch module marked boiler	GUG20DPBOW
	20AX DP switch module marked waste disposal	GUG20DPWDW
	20AX DP switch module marked extractor fan	GUG20DPEFW
	20AX DP switch module marked fan	GUG20DPFAW
	20AX DP switch module marked fridge freezer	GUG20DPFFZW
	20AX DP switch module marked fridge	GUG20DPFRW
20AX DP switch module marked washer/dryer	GUG20DPWDYW	
20AX secret key modules painted white	20AX DP key switch module	GUG20DPKWPW
	20AX DP key switch module marked EMG.LTG	GUG20DPKELWPW
	20AX 2 way key switch module	GUG202KWPW
	20AX 2 way key switch module marked EMG.LTG	GUG202KELWPW
Communication modules painted white	Master telephone outlet	GUGTELMWPW
	Secondary telephone outlet	GUGTELSWPW
	Single RJ11 data outlet	GUGRJ11WPW
	Single RJ45 data outlet	GUGRJ45WPW
	Single TV/FM coaxial	GUGCOWPW
	Single satellite	GUGSATWPW
	13A fused connection unit module	GUG13FCUWPW
	Flexible outlet (10mm diameter)	GUG16COWPW
Blank modules	White blank module	GUGBW
Indicator modules	Red neon indicator module	GUGINDWR
	Orange neon indicator module	GUGINDWO
	Green neon indicator module	GUGINDWG
Spares	Hex screws (plate to grid) moulded	UHEXSPW
	Hex screw key	GUGSHK
	Key switch module spare key	GUGKSK
	Additional Earth terminal	GGTKIT



Choose module + cap to create following module		Module	
10AX & 20AX switch component modules	10AX 1 way SP	GUG101MW	GUGRPW
	10AX 2 way SP	GUG102MW	GUGRPW
	10AX intermediate SP	GUG10IMW	GUGRPW
	20AX 1 way SP	GUG201MW	GUGRPW
	20AX 2 way and off SP	GUG202MW	GUGRPW
	20AX 2 way SP	GUG202MW	GUGRPW
	20AX DP	GUG20DPMW	GUGRPW
Choose module + cap to create following module		Module	
20AX DP printed switch component modules	Marked boiler	GUG20DPMW	GUGRBOPW
	Marked cooker hood	GUG20DPMW	GUGRCHPW
	Marked dish washer	GUG20DPMW	GUGRDWPW
	Marked extractor fan	GUG20DPMW	GUGREFPW
	Marked fridge	GUG20DPMW	GUGRFRPW
	Marked fan	GUG20DPMW	GUGRFAPW
	Marked freezer	GUG20DPMW	GUGRFZPW
	Marked fridge/freezer	GUG20DPMW	GUGRFRFZPW
	Marked hob	GUG20DPMW	GUGRHOPW
	Marked heater	GUG20DPMW	GUGRHEPW
	Marked microwave	GUG20DPMW	GUGRMWPW
	Marked oven	GUG20DPMW	GUGROVPW
	Marked tumble dryer	GUG20DPMW	GUGRTDPW
	Marked washer dryer	GUG20DPMW	GUGRWDYPW
	Marked waste disposal	GUG20DPMW	GUGRWDPW
Marked washing machine	GUG20DPMW	GUGRWMPW	
6AX & 10AX modules	6AX 2 way retractive and centre off switch module		GUG202OCWPW
	10AX 2 way retractive switch module		GUG102RWPW
	10AX 2 way toggle switch module		GUG102TWPW
	10AX intermediate toggle switch module		GUG10ITWPW
20AX secret key modules	20AX DP key switch module		GUG20DPKWPW
	20AX 2 way key switch module		GUG202KWPW
	20AX 2 way key switch module marked EMG.LTG		GUG202KELWPW
Communication modules	Master telephone outlet		GUGTELMWPW
	Secondary telephone outlet		GUGTELSWPW
	Single RJ11 data outlet		GUGRJ11WPW
	Single RJ45 data outlet		GUGRJ45WPW
	Single TV/FM coaxial		GUGCOWPW
	Single satellite		GUGSATWPW
Electronic dimmer	Electronic 300W/VA 2 way & multiway standard dimmer module		GUGEMDIMWPPW16
	Electronic 300W/VA infra red dimmer module		GUGEMRDIMW16
	2 way retractive switch		GUGEMWWPW16
	1 channel remote control		GUG6000RC116
Connection unit & flex outlet	13A fused connection unit module		GUG13FCUWPW
	Flex outlet (10mm dia)		GUG16COWPW
Blank modules	Blank module metal finish		GUGBWPW
	Blank module plastic	GUGWB	
Indicator modules	Red neon indicator module	GUGINDWR	
	Orange neon indicator module	GUGINDWO	
	Green neon indicator module	GUGINDWG	
Spares	Hex screws (plate to grid)		UHEXSPW
	Hex screw key	GUGSHK	
	Key switch module spare key	GUGKSK	
	Additional Earth terminal	GGTKIT	



GU3050

13A unswitched socket outlets

- Dimensions: 86 x 86mm (1 gang), 86 x 146mm (2 gang)
- Mounting box:
 - SB251 (F) GU9125 (S) – 1 gang
 - SB351 (F) GU9135 (S) – 1 gang
 - SB252 (F) GU9225 (S) – 2 gang
 - SB352 (F) GU9235 (S) – 2 gang
- Fix screws: M3.5 x 30mm
- BS 1363

Part number	Description	Qty
GU3050	1 gang unswitched	10
GU3060	2 gang unswitched	5



GU3021

13A SP switched socket outlets

- Dimensions: 86 x 86mm (1 gang), 86 x 146mm (2 gang)
- Mounting box:
 - SB251 (F) GU9125 (S) – 1 gang
 - SB351 (F) GU9135 (S) – 1 gang
 - SB252 (F) GU9225 (S) – 2 gang (limited cable access)
 - SB352 (F) GU9235 (S) – 2 gang
- Fix screws: M3.5 x 30mm
- BS 1363

Part number	Description	Qty
GU3010	1 gang switched	10
GU3011	1 gang switched with neon	10
GU3020	2 gang switched	5
GU3021	2 gang switched with neons	5



GU3010D

13A DP switched socket outlets

- Dimensions: 86 x 86mm (1 gang), 86 x 146mm (2 gang)
- Mounting box:
 - SB251 (F) GU9125 (S) – 1 gang
 - SB351 (F) GU9135 (S) – 1 gang
 - SB252 (F) GU9225 (S) – 2 gang (limited cable access)
 - SB352 (F) GU9235 (S) – 2 gang
- Fix screws: M3.5 x 30mm
- BS 1363

Part number	Description	Qty
GU3010D	1 gang DP switched	10
GU3020D	2 gang DP switched	5



GU3030

13A DP outboard rocker switched socket outlets

- Dimensions: 86 x 146mm (2 gang)
- Mounting box:
 - SB252 (F) GU9225 (S) – 2 gang (limited cable access)
 - SB352 (F) GU9235 (S) – 2 gang
- Fix screws: M3.5 x 30mm
- BS 1363 (where applicable)

Part number	Description	Qty
GU3030	2 gang switched	5
GU3031	2 gang switched with clean earth	5
GU3032	2 gang switched red with rockers, clean earth and neons	5
GU3033	2 gang switched with clean earth and non standard	5
GU3034	2 gang switched with red rockers, clean earth, non standard and neons	5

Note All 2 gang sockets include twin earth terminals as standard, enabling high integrity earthing. To aid flush installation 35mm steel boxes are recommended.



GU3080

Round pin socket outlets

- Dimensions: 86 x 86mm
- Mounting box:
 - SB251 (F) GU9125 (S) – 1 gang
- Fix screws: M3.5 x 30mm
- BS 546

Part number	Description	Qty
GU3070	2A unswitched	10
GU3080	5A unswitched	10
GU3090	15A switched	10
GU3091	15A switched with neon	10



GU1012



GU1013

16AX plate switches

- Dimensions: 86 x 86mm (1-3 gang), 86 x 146mm (4-6 gang)
- Mounting box:
 - SB161 (F) GU9116 (S) 1-2 gang
 - SB251 (F) GU9125 (S) 3 gang
 - SB252 (F) GU9225 (S) 4-6 gang
- Fix screws: M3.5 x 18mm
- BS EN 60669-1
- BS EN 60947-3 (GU1013)

Part number	Description	Qty
GU1011	1 gang 1 way	10
GU1012	1 gang 2 way	10
GU1012R	*1 gang 2 way retractive	10
GU1012RP	*1 gang 2 way retractive marked press	10
GU1012RB	*1 gang 2 way retractive marked with bell symbol	10
GU1022	2 gang 2 way	10
GU1032	3 gang 2 way	10
GU1042	4 gang 2 way	5
GU1062	6 gang 2 way	5
GU1013	**3 pole isolator	10
GU1014	**1 gang intermediate	10



GRWH1012

16AX wide rocker switches

- Dimensions: 87 x 87mm
- Mounting box:
 - SB251 (F) GU9125 (S)
- Fix screws: M3.5 x 25mm
- * 10AX rated only
- BS EN 60669-1

Part number	Description	Qty
GRWH1012	16AX 1 gang 2 way	10
GRWH1022	16AX 2 gang 2 way	10
GRWH1032A	16AX 3 gang 2 way	10
GRWH1014	10AX 1 gang intermediate	10



GU1012A

10AX architrave switches

- Dimensions: 33 x 86mm (1 gang), 33 x 148mm (2 gang)
- Mounting box:
 - SBA251A (F) GPAT1G16A (S) 1 gang
 - SBA252A (F) GPAT2G16A (S) 2 gang
- Fix screws: M3.5 x 18mm
- BS EN 60669-1

Part number	Description	Qty
GU1012A	1 gang 2 way architrave	10
GU1022A	2 gang 2 way architrave	10

* 16A rated
** 10A rated



GU6032

Mains dimmer switches



- Dimensions: 86 x 86mm (1-2 gang), 86 x 146mm (3-4 gang)
- Mounting box:
 - SB161 (F) GU9116 (S) 1-2 gang
 - SB252 (F) GU9225 (S) 3-4 gang
- Fix screws: M3.5 x 30mm
- BS EN 60669-2-1

Part number	Description	Qty
GU6011	1 gang 1 way 400W rotary	1
GU6012	1 gang 2 way 400W push	1
GU6022	2 gang 2 way 250W push	1
GU6032	3 gang 2 way 250W push	1
GU6042	4 gang 2 way 250W push	1



GU6022LV

Low voltage dimmer switches



- Dimensions: 86 x 86mm (1-2 gang), 86 x 146mm (3-4 gang)
- Mounting box:
 - SB161 (F) GU9116 (S) 1-2 gang
 - SB252 (F) GU9225 (S) 3-4 gang
- Fix screws: M3.5 x 30mm
- BS EN 60669-2-1

Part number	Description	Qty
GU6011LV	1 gang 1 way 400VA rotary	1
GU6012LV	1 gang 2 way 400VA push	1
GU6022LV	2 gang 2 way 250VA push	1
GU6032LV	3 gang 2 way 250VA push	1
GU6042LV	4 gang 2 way 250VA push	1



GU2014WH

20AX & 32A DP switches and flex outlet plates

- Dimensions: 86 x 86mm
- Mounting box:
 - SB251 (F) GU9125 (S)
- Fix screws: M3.5 x 30mm
- BS EN 60669-1

Part number	Description	Qty
GU2010	20A DP	10
GU2011	20A DP with neon	10
GU2013	20A DP with flex outlet	10
GU2014	20A DP with neon and flex outlet	10
GU2014WH	20A DP with flex outlet and neon marked water heater	10
GU4031	32A 1 gang DP switch with neon	10



GU2003

- BS 5733

Part number	Description	Qty
GU2033	25A side entry flex outlet plate	10
GU2003	20A front entry flex outlet plate	10

Note: Mains dimmer switches are not suitable on low voltage circuits. See technical section. 1 and 2 gang 2 way dimmer switches include spacing frame for mounting in plaster depth 16mm boxes.

*1 way dimmers can be used to replace standard wall switches and retrofit into 16mm mounting box.



GU5000

13A unswitched fused connection units

- Dimensions: 86 x 86mm
- Mounting box:
 - SB251 (F) GU9125 (S)
- Fix screws: M3.5 x 30mm
- BS 1363

Part number	Description	Qty
GU5000	13A unswitched	10
GU5001	13A unswitched with neon	10
GU5003	13A unswitched with flex outlet	10
GU5004	13A unswitched with neon & flex outlet	10
GU50003	3A unswitched	10
GU50033	3A unswitched with flex outlet	10



GU5014

13A switched fused connection units

- Dimensions: 86 x 86mm
- Mounting box:
 - SB251 (F) GU9125 (S)
- Fix screws: M3.5 x 30mm
- BS 1363

Part number	Description	Qty
GU5010	13A DP switched	10
GU5011	13A DP switched with neon	10
GU5013	13A DP switched with flex outlet	10
GU5014	13A DP switched with neon & flex outlet	10

Ultimate engraved range

	20A DP Control switch				13A Fused connection unit		
	DP switch	DP with neon	DP with flex outlet	DP with flex outlet & neon	Unswitched	Switched	Switched with neon
Air conditioner			GU2013AC	GU2014AC			
Boiler						GU5010BO	GU5011BO
Cooker hood						GU5010CH	GU5011CH
Dish washer						GU5010DW	GU5011DW
Extractor fan						GU5010EF	GU5011EF
Fan						GU5010FA	GU5011FA
Freezer						GU5010FZ	GU5011FZ
Fridge						GU5010FR	GU5011FR
Fridge/freezer						GU5010FFZ	GU5011FFZ
Hob						GU5010HO	GU5011HO
Heater	GU2010HT	GU2011HT	GU2013HT	GU2014HT	GU5000HT	GU5010HT	GU5011HT
Microwave					GU5000MW	GU5010MW	GU5011MW
Oven	GU2010OV	GU2011OV					
Security					GU5000SS		
Towel rail		GU2011TR	GU2013TR		GU5000TR GU5003TR*		
Tumble dryer					GU5000TD	GU5010TD	GU5011TD
Waste disposal					GU5000WD	GU5010WD	GU5011WD
Washing machine						GU5010WM	GU5011WM

* GU5003TR includes flex outlet



GU4011



GU4021

50A DP switches

- Dimensions: 86 x 86mm (1 gang), 146 x 86mm (2 gang)
- Mounting box:
 - SB471 (F) GU9147 (S)
 - SB472 (F) GU9247 (S)
- Fix screws: M3.5 x 30mm
- BS EN 60669-1

Part number	Description	Qty
GU4010	50A 1 gang DP	10
GU4011	50A 1 gang DP with neon	10
GU4020	50A 2 gang DP	5
GU4021	50A 2 gang DP with neon	5

45A DP cooker control units

- Dimensions: 86 x 86mm (1 gang), 86 x 146mm (2 gang)
- Mounting box:
 - SB471 (F) GU9147 (S) 1 gang
 - SB472 (F) GU9247 (S) 2 gang
- Fix screws: M3.5 x 30mm
- BS 4177

Part number	Description	Qty
GU4000	45A DP cooker control unit & 13A switched socket	5
GU4001	45A DP cooker control unit & 13A switched socket with neons	5
GU4050	Cooker connection unit	10



GU4001

Shaver socket

- Dimensions: 146 x 86mm
- Mounting box:
 - SB472 (F) GU9247 (S)
- Fix screws: M3.5 x 30mm
- BS EN 61558-2-5

Part number	Description	Qty
GU7090	115/230V dual voltage shaver socket	1



GU7090

Telephone outlets

- Dimensions: 86 x 86mm
- Mounting box:
 - SB251 (F) GU9125 (S)
- Fix screws: M3.5 x 30mm
- BS EN 41003

Part number	Description	Qty
GU7051	Single gang RJ11 outlet	10
GU7061	Single gang telephone master	10
GU7062	Single gang telephone secondary	10



GU7062



GU7071

Data outlets

- Dimensions: 86 x 86mm
- Mounting box:
 - SB251 (F) GU9125 (S) single/twin
 - SB352 (F) GU9235 (S) quad
- Fix screws: M3.5 x 30mm
- CAT5e
- BS EN 41003

Part number	Description	Qty
GU7071	Single gang RJ45 outlet	10
GU7072	Twin gang RJ45 outlet	10
GU7074	Quad RJ45 outlet	5



GU7030

TV outlets

- Dimensions: 86 x 86mm
- Mounting box:
 - SB251 (F) GU9125 (S)
- Fix screws: M3.5 x 30mm
- BS 3041 (where applicable)

Part number	Description	Qty
GU7010	Single gang tv/fm co-axial	10
GU7020	Twin gang tv/fm co-axial	10
GU7030	Single gang satellite	10
GU7040	Twin gang satellite/co-axial	5



GU7081

Screened TV outlets

- Dimensions: 86 x 86mm
- Mounting box:
 - SB251 (F) GU9125 (S)
- Fix screws: M3.5 x 30mm
- BS 3041 (where applicable)

Part number	Description	Qty
GU7021	Single gang diplex TV/FM	10
GU7081	Single gang triplex TV/FM/SAT	10

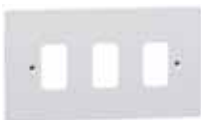


GU8010

Blank plates & replacement screw capped covers

- Dimensions: 86 x 86mm (1 gang), 86 x 146mm (2 gang)
- Fix screws: M3.5 x 30mm
- BS 5733

Part number	Description	Qty
GU8010	1 gang blank plate	10
GU8020	2 gang blank plate	10
GUMSCO	Moulded screw capped covers	100



GUG03G

Grid plates

Part number	Description	Dimensions	Qty
GUG01G	1 gang	88 x 88mm	1
GUG02G	2 gang	88 x 88mm	1
GUG03G	3 gang	88 x 148mm	1
GUG04G	4 gang	88 x 148mm	1
GUG06G	6 gang	156 x 156mm	1
GUG08G	8 gang	156 x 156mm	1
GUG09G	9 gang	216 x 156mm	1
GUG12G	12 gang	216 x 156mm	1
GUG18G	18 gang	398 x 156mm	1
GUG24G	24 gang	398 x 156mm	1



GU9116

Surface pattresses

- BS 5733
- All supplied complete with earth terminals

Part number	Description	Qty
GU9116	1 gang 16mm	10
GU9125	1 gang 25mm	10
GU9225	2 gang 25mm	5
GU9D25	Dual 25mm	5
GU9135	1 gang 35mm	10
GU9235	2 gang 35mm	5
GU9147	1 gang 47mm	10
GU9247	2 gang 47mm	5
GPAT1G16A	1 gang 16mm architrave	10
GPAT2G16A	2 gang 16mm architrave	10



GU8080

Euro modular plates

- Dimensions: 86 x 86mm (1-2 module), 86 x 146mm (4 module)
- Refer to module for appropriate mounting box depth

Part number	Description	Qty
GU8050	1 module	10
GU8060	2 module	10
GU8080	4 module	5



GUE7010W

Euro modular plates

- Dimensions: 25 x 50mm (single), 50 x 50mm (double)
- Mounting box:
 - 1 module: SB251 (F) 1 gang
SB252 (F) 2 gang
 - 2 module: SB351 (F) 1 gang
SB352 (F) 2 gang

Part number	Description	Module size	Qty
GUE7010W	TV/Radio diplexer	2	1
GUE7011W	Single IEC coax (female)	1	1
GUE7012W	Single IEC coax (male)	1	1
GUE7030W	Single F type sat	1	1
GUE7040W	TV/Sat diplexer	2	1
GUE7081W	TV/FM/Sat triplexer	2	1
GUE7082W	TV/FM/Sat 1/Sat 2 quadplexer	2	1
GUE7020W	HDMI	2	1
GUE7051W	RJ11 modem	1	1
GUE7061W	Telephone (BT master)	1	1
GUE7062W	Telephone (BT secondary)	1	1
GUE7071W	RJ45 CAT5e (not screened)	1	1
GUE7072W	RJ45 CAT6 (not screened)	1	1
GUE7075W	VGA	1	1
GUE7091W	LexCom Performance outlet	1	8
GUE7000W	2 x Phono socket	1	1
GUE7001W	2 x Loudspeaker socket	1	1
GUE8010W	Blank module	1	5



GUE7030W



GUE7061W



GUG101W

6AX, 10AX & 20AX switch modules - white moulded

- 10AX & 20AX ratings
- Tactile switch action
- BS EN 60669-1

Part number	Description	Qty
GUG202OCW	6AX 2 way retractive and centre off switch module	1
GUG101W	10AX 1 way switch module	1
GUG102W	10AX 2 way switch module	1
GUG102RW	10AX 2 way retractive switch module	1
GUG101W	10AX intermediate switch module	1
GUG201W	20AX 1 way switch module	1
GUG202W	20AX 2 way switch module	1
GUG2020W	20AX 2 way on and off module	1
GUG20DPW	20AX DP switch module	1

20AX secret key modules - painted white

- BS EN 60669-1

Part number	Description	Qty
GUG20DPKWPW	20AX DP key switch module	1
GUG20DPKELWPW	20AX DP key switch module marked EMG.LTG	1
GUG202KWPW	20AX 2 way key switch module	1
GUG202KELWPW	20AX 2 way key switch module marked EMG.LTG	1



GUG20DPKELWPW

Communication modules - painted white

- BS EN 41003
- BS EN 3041 (where applicable)

Part number	Description	Qty
GUGTELMWPW	Master telephone outlet	1
GUGTELSWPW	Secondary telephone outlet	1
GUGRJ11WPW	Single RJ11 data outlet	1
GUGRJ45WPW	Single RJ45 data outlet	1
GUGCOWPW	Single TV/FM coaxial	1
GUGSATWPW	Single satellite	1
GUG13FCUWPW	13A fused connection unit module	1
GUG16COWPW	Flexible outlet (10mm diameter)	1



GUGRJ45WPW



GUGBW

Blank modules

Part number	Description	Qty
GUGBW	White blank module	1



GUG20DPTDW

20AX DP printed modules - white moulded

- Pre printed modules for greater flexibility
- BS EN 60669-1

Part number	Description	Qty
GUG20DP**W	20AX DP switch module	1



GUGINDWR

Indicator modules

- 240V
- BS 5733

Part number	Description	Qty
GUGINDWG	Green indicator with white surround	1
GUGINDWO	Orange Indicator with white surround	1
GUGINDWR	Red indicator with white surround	1

Replace ** with the suffix code to denote the printing required:

MW Microwave	HT Heater	WD Waste disposal
CH Cooker hood	WDY Washer/dryer	EF Extractor fan
DW Dishwasher	HO Hob	FA Fan
FZ Freezer	OV Oven	FFZ Fridge freezer
WM Washing machine	BO Boiler	FR Fridge
TD Tumble dryer		

Complying with Part M



Part M solutions

Part M of the Buildings Regulation 2000, took effect on 1st May 2004 for England and Wales, sets out requirements and guidelines covering access to, and use of, buildings and its facilities to meet the requirement highlighted in the Disability Discrimination Act (DDA) 2005.

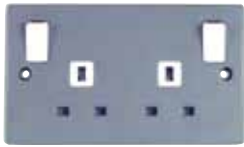
Practical advice on elements such as provision of wide doorways and appropriate sanitary facilities are covered by this regulation.

Part M specifically highlights the use of switches, outlets and controls, giving guidance on four main product elements:

- > Ease of operation
- > Visibility
- > Height
- > Freedom from obstruction

Features & benefits:

- > Contrasting coloured rockers, to improve visibility of switches and sockets
- > Switches with larger rockers and sockets that have wider gaps between rockers, to ease operation
- > Grey or red coloured bangles to improve visibility and to aid operation of lighting
- > Engraved products to help identify electrical switches and their application
- > Colour contrasting grid plates providing additional flexibility
- > Grooved socket to direct the plug into the earth terminal
- > Solutions to use with cable management
- > Range of red devices for applications which call for equipment to identify essential or critical supply



GU3030GY

13A socket outlets

- Dimensions: 86 x 86mm (1 gang), 86 x 146mm (1 gang)
- Mounting box:
 - SB251 (F) 1 gang
 - SB351 (F) 1 gang
 - SB252 (F) 2 gang
 - SB352 (F) 2 gang
- Fix screws: M3.5 x 30mm
- BS 1363

Part number	Description	Qty
GU3010DGY	1 gang DP switched - Grey	10
GU3030GY	2 gang DP switched with outboard rockers - Grey	5
GSKTSW2GV	2 gang 'V' grooved locator socket	5



GRWH1022GY

16AX plate switches

- Dimensions:
 - Standard Rocker 86 x 86mm
 - Wide rocker 87 x 87mm
- Mounting box:
 - Standard rocker SB161 (F) 1-2 gang
SB251 (F) 3 gang & intermediate
SB251 (F) GU9125 (S)
 - Wide rocker SB251 (F) GU9125 (S)
- Fix screws:
 - Standard rocker M3.5 x 18mm
 - Wide rocker M3.5 x 25mm
- BS EN 60669-1

Part number	Description	Qty
GU1012GY	1 gang 2 way	10
GU1022GY	**2 gang 2 way	10
GU1032GY	**3 gang 2 way	10
GU1014GY	***1 gang intermediate	10
GU1012RGY	*1 gang 2 way retractive	10
GRWH1012GY	1 gang 2 way wide rocker	10
GRWH1022GY	2 gang 2 way wide rocker	10
GRWH1032GY	3 gang 2 way wide rocker	10
GRWH1014GY	***1 gang intermediate	10
GRGYWF01	Replacement grey frame for wide rocker range	10



GU2010GY

20AX DP switch

- Dimensions: 86 x 86mm
- Mounting box:
 - SB251 (F) GU9125 (S)
- Fix screws: M3.5 x 30mm
- BS EN 60669-1

Part number	Description	Qty
GU2010GY	DP switched	10



GU5011GY

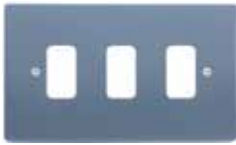
13A switched fused connection units

- Dimensions: 86 x 86mm
- Mounting box: SB251 (F) GU9125 (S)
- Fix screws: M3.5 x 30mm
- BS 1363

Part number	Description	Qty
GU5010GY	DP switched	10
GU5011GY	DP switched with neon	10

* 16A rated
 ** 10A rated
 *** 10AX rated

Note: All 2 gang sockets include twin earth terminals as standard, enabling high integrity earthing. To aid flush installation 35mm steel boxes are recommended.



GUG03GGY

Flush moulded front plates

■ Supplied with mounting grids

Part number	Description	Dimensions	Qty
GUG01GGY	1 module	88 x 88mm	1
GUG02GGY	2 module	88 x 88mm	1
GUG03GGY	3 module	88 x 148mm	1
GUG04GGY	4 module	88 x 148mm	1



GPULLGY

Ceiling pull cord

Part number	Description	Qty
GPULLGY	Grey 1.5m pull cord with single grey bangle	10



DDA1BL & DDA2BL

DDA cable management plate

Part number	Description	Qty
DDA1BL	1 gang Traffic Blue	10
DDA1CH	1 gang Charcoal Grey	10
DDA2BL	2 gang Traffic Blue	10
DDA2CH	2 gang Charcoal Grey	10



GU3010DRD

Essential supply 13A socket outlets

■ Dimensions: 86 x 86mm (1 gang), 86 x 146mm (1 gang)

■ Mounting box:

- SB251 (F) 1 gang
- SB351 (F) 1 gang
- SB252 (F) 2 gang
- SB352 (F) 2 gang

■ Fix screws: M3.5 x 30mm

■ BS 1363

Part number	Description	Qty
GU3060RD	2 gang unswitched	5
GU3010DRD	1 gang DP switched	10
GU3030RD	2 gang DP switched with outboard rockers	5



GU5000RD

Essential supply 13A fused connection units

■ Dimensions: 86 x 86mm

■ Mounting box: SB251 (F) GU9125 (S)

■ Fix screws: M3.5 x 30mm

■ BS 1363

Part number	Description	Qty
GU5000RD	Unswitched	10
GU5010RD	DP switched	10



GPULLRD

Essential supply ceiling pull cord

Part number	Description	Qty
GPULLRD	Red 1.5m pull cord with twin red bangles	10

Note: All 2 gang sockets include twin earth terminals as standard, enabling high integrity earthing. To aid flush installation 35mm steel boxes are recommended.

Exclusive engraved range - 20A DP control switch

	DP switch	DP with neon	DP with flex outlet	DP with flex outlet & neon
Air conditioner			GSWDP20AFOAC	GSWDPN20AFOAC
Heater	GSWDP20AHT	GSWDPN20AHT	GSWDP20AFOHT	GSWDPN20AFOHT
Oven	GSWDP20AOV	GSWDPN20AOV		
Towel rail			GSWDP20AFOTR	GSWDPN20AFOTR

Exclusive engraved range - 13A fused connection unit

	Unswitched	Switched	Switched with neon
Boiler		GSWSPURBO	GSWNSPURBO
Cooker hood		GSWSPURCH	GSWNSPURCH
Dishwasher		GSWSPURDW	GSWNSPURDW
Extractor fan		GSWSPUREF	GSWNSPUREF
Fan		GSWSPURFA	GSWNSPURFA
Freezer		GSWSPURFZ	GSWNSPURFZ
Fridge		GSWSPURFR	GSWNSPURFR
Fridge/freezer		GSWSPURFFZ	GSWNSPURFFZ
Hob		GSWSPURHO	GSWNSPURHO
Heater	GSPURHT	GSWSPURHT	GSWNSPURHT
Microwave		GSWSPURMW	GSWNSPURMW
Security	GSPURSS		
Towel rail	GSPURTR		
Tumble dryer	GSPURTD	GSWSPURTD	GSWNSPURTD
Washer dryer	GSPURWDY	GSWSPURWDY	GSWNSPURWDY
Waste disposal	GSPURWD	GSWSPURWD	GSWNSPURWD
Washing machine	GSPURWM	GSWSPURWM	GSWNSPURWM

Ultimate engraved range - 20A DP control switch

	DP switch	DP with neon	DP with flex outlet	DP with flex outlet & neon
Air conditioner			GU2013AC	GU2014AC
Heater	GU2010HT	GU2011HT	GU2013HT	GU2014HT
Oven	GU2010OV	GU2011OV		
Towel rail		GU2011TR	GU2013TR	

Ultimate engraved range - 13A fused connection unit

	Unswitched	Switched	Switched with neon
Boiler		GU5010BO	GU5011BO
Cooker hood		GU5010CH	GU5011CH
Dish washer		GU5010DW	GU5011DW
Extractor fan		GU5010EF	GU5011EF
Fan		GU5010FA	GU5011FA
Freezer		GU5010FZ	GU5011FZ
Fridge		GU5010FR	GU5011FR
Fridge/freezer		GU5010FFZ	GU5011FFZ
Hob		GU5010HO	GU5011HO
Heater	GU5000HT	GU5010HT	GU5011HT
Microwave	GU5000MW	GU5010MW	GU5011MW
Security	GU5000SS		
Towel rail	GU5000TR GU5003TR*		
Tumble dryer	GU5000TD	GU5010TD	GU5011TD
Waste disposal	GU5000WD	GU5010WD	GU5011WD
Washing machine		GU5010WM	GU5011WM

* GU5003TR includes flex outlet



GUG101W

6AX, 10AX & 20AX switch modules - white moulded

- 10AX & 20AX ratings
- Tactile switch action
- BS EN 60669-1

Part number	Description	Qty
GUG202OCW	6AX 2 way retractive and centre off switch module	1
GUG101W	10AX 1 way switch module	1
GUG102W	10AX 2 way switch module	1
GUG102RW	10AX 2 way retractive switch module	1
GUG101W	10AX intermediate switch module	1
GUG201W	20AX 1 way switch module	1
GUG202W	20AX 2 way switch module	1
GUG2020W	20AX 2 way on and off module	1
GUG20DPW	20AX DP switch module	1



GUG20DPKELWPW

20AX secret key modules - painted white

- BS EN 60669-1

Part number	Description	Qty
GUG20DPKWPW	20AX DP key switch module	1
GUG20DPKELWPW	20AX DP key switch module marked EMG.LTG	1
GUG202KWPW	20AX 2 way key switch module	1
GUG202KELWPW	20AX 2 way key switch module marked EMG.LTG	1



GUGRJ45WPW

Communication modules - painted white

- BS EN 41003
- BS EN 3041 (where applicable)

Part number	Description	Qty
GUGTELMWPW	Master telephone outlet	1
GUGTELSWPW	Secondary telephone outlet	1
GUGRJ11WPW	Single RJ11 data outlet	1
GUGRJ45WPW	Single RJ45 data outlet	1
GUGCOWPW	Single TV/FM coaxial	1
GUGSATWPW	Single satellite	1
GUG13FCUWPW	13A fused connection unit module	1
GUG16COWPW	Flexible outlet (10mm diameter)	1



GUG101W

Blank modules

Part number	Description	Qty
GUGBW	White blank module	1



GUG101W

20AX DP printed modules - moulded

- Pre printed modules for greater flexibility
- BS EN 60669-1

Part number	Description	Qty
GUG20DP**W	20AX DP switch module	1



GUG101W

Indicator modules

- 240V
- BS 5733

Part number	Description	Qty
GUGINDWG	Green indicator with white surround	1
GUGINDWO	Orange Indicator with white surround	1
GUGINDWR	Red indicator with white surround	1

Replace ** with the suffix code to denote the printing required:

MW Microwave	HT Heater	WD Waste disposal
CH Cooker hood	WDY Washer/dryer	EF Extractor fan
DW Dishwasher	HO Hob	FA Fan
FZ Freezer	OV Oven	FFZ Fridge freezer
WM Washing machine	BO Boiler	FR Fridge
TD Tumble dryer		

Selection table		
	Description	Code
6AX & 10AX modules white moulded	6AX 2 way retractive and centre off switch module	GUG202OCW
	10AX 1 way switch module	GUG101W
	10AX 2 way switch module	GUG102W
	10AX 2 way retractive switch module	GUG102RW
	10AX intermediate switch module	GUG10IW
20AX modules white moulded	20AX 1 way switch module	GUG201W
	20AX 2 way switch module	GUG202W
	20AX 2 way on and off module	GUG2020W
	20AX DP switch module	GUG20DPW
20AX printed modules white moulded	20AX DP switch module marked microwave	GUG20DPMWW
	20AX DP switch module marked cooker hood	GUG20DPCHW
	20AX DP switch module marked dishwasher	GUG20DPDWW
	20AX DP switch module marked freezer	GUG20DPFZW
	20AX DP switch module marked washing machine	GUG20DPWMW
	20AX DP switch module marked tumble dryer	GUG20DPTDW
	20AX DP switch module marked heater	GUG20DPHTW
	20AX DP switch module marked hob	GUG20DPHOW
	20AX DP switch module marked oven	GUG20DPOVW
	20AX DP switch module marked boiler	GUG20DPBOW
	20AX DP switch module marked waste disposal	GUG20DPWDW
	20AX DP switch module marked extractor fan	GUG20DPEFW
	20AX DP switch module marked fan	GUG20DPFAW
	20AX DP switch module marked fridge freezer	GUG20DPFFZW
	20AX DP switch module marked fridge	GUG20DPFRW
20AX DP switch module marked washer/dryer	GUG20DPWDYW	

Selection table

	Description	Code
20AX secret key modules painted white	20AX DP key switch module	GUG20DPKWPW
	20AX DP key switch module marked EMG.LTG	GUG20DPKELWPW
	20AX 2 way key switch module	GUG202KWPW
	20AX 2 way key switch module marked EMG.LTG	GUG202KELWPW
Communication modules painted white	Master telephone outlet	GUGTELMWPW
	Secondary telephone outlet	GUGTELSWPW
	Single RJ11 data outlet	GUGRJ11WPW
	Single RJ45 data outlet	GUGRJ45WPW
	Single TV/FM coaxial	GUGCOWPW
	Single satellite	GUGSATWPW
	13A fused connection unit module	GUG13FCUWPW
	Flexible outlet (10mm diameter)	GUG16COWPW
Blank modules	White blank module	GUGBW
Indicator modules	Red neon indicator module	GUGINDWR
	Orange neon indicator module	GUGINDWO
	Green neon indicator module	GUGINDWG
Spares	Hex screws (plate to grid) moulded	UHEXSPW
	Hex screw key	GUGSHK
	Key switch module spare key	GUGKSK
	Additional Earth terminal	GGTKIT



Ultimate screwless flat plate

Ultimate screwless flat plate provides one of the most comprehensive ranges of beautifully crafted, sleek, sophisticated fittings on the market.

More choice, more style, and packed with innovative technical features for easy installation.






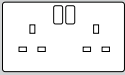








Features & benefits:

Consumer








- > Comprehensive range from dimmer switches to data communication and all control applications
- > Unique 'glow in the dark' optional mounting frame
- > Slimline, compact neons for a subtle effect
- > Curved, matching metal capped rockers that are aesthetically pleasing and easy to operate with a choice of white or black interior
- > Large plate footprint avoids the need for additional decorating on retrofits

Installer



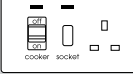
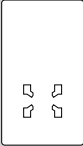


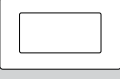

- > Full 16AX fluorescent rating on all plate switches
- > Easy-fit screwless front plate simply but securely clips onto the mounting system
- > Even with the front plate removed access to live parts is restricted
- > Large in-line angled colour coded terminals to aid cable insertion and selection
- > Minimal back projection to allow installation using standard flush mounting boxes for both new and retrofits
- > Accessories supplied with both long and short screws for installation flexibility
- > Double pole options on 1-gang and 2-gang switched sockets (Twin earth terminals on 2-gang sockets)
- > Fully matched grid system
- > 50A rated plateswitches for switching appliances with higher current ratings, such as heaters, cookers and commercial refrigerating units

		Finishes					
		Piano black	Gloss white	Transparent	Polished brass white interior	Polished brass black interior	
							
13A socket outlets		1G 13A unswitched		GU3450WPB		GU3450BPB	
		2G 13A unswitched		GU3460WPB		GU3460BPB	
		1G 13A switched		GU3410CLR	GU3410WPB	GU3410BPB	
		1G 13A DP switched	GU3410DBBK	GU3410DWWH	GU3410DWPB	GU3410DBPB	
		1G 13A switched + neon			GU3411WPB	GU3411BPB	
		2G 13A switched			GU3420WPB	GU3420BPB	
		2G 13A DP switched	GU3420DBBK	GU3420DWWH	GU3420DWPB	GU3420DBPB	
		2G 13A O/B DP switched + C/E	GU3431WWH				
		2G 13A O/B DP switched + C/E + N/S + Neon			GU3421WPB	GU3421BPB	
		2G 13A switched + neon			GU3421WPB	GU3421BPB	
		Media plate 4 socket 8 euromodule			GU3470WPB	GU3470BPB	
		2A unswitched			GU3470WPB	GU3470BPB	
	Round pin socket outlets		5A unswitched	GU3480BBK	GU3480WWH	GU3480WPB	GU3480BPB
		15A switched			GU3490WPB	GU3490BPB	
		15A switched			GU3490WPB	GU3490BPB	
16AX plate switches		1G 2W switch	GU1412BBK	GU1412WWH	GU1412CLR	GU1412WPB	GU1412BPB
		2G 2W switch	GU1422BBK	GU1422WWH	GU1422CLR	GU1422WPB	GU1422BPB
		3G 2W switch			GU1432CLR	GU1432WPB	GU1432BPB
		4G 2W switch			GU1442WPB	GU1442BPB	
		6G 2W switch			GU1462WPB	GU1462BPB	
		1G TP isolator	GU1413BBK	GU1413WWH	GU1413WPB	GU1413BPB	
		1G intermediate switch			GU1414WPB	GU1414BPB	
		1G 2W retractive switch			GU1412RWPB	GU1412RBPB	
PIR plate switch		1G 1W switch with override					
		1G 1W switch					
32A Keycard switch		32A Keycard switch			GU1412KWPB	GU1412KBPB	
10AX toggle switches		1G 2W 10AX	GU1412TCLR		GU1412TPB	GU1412TPB	
		2G 2W 10AX	GU1422TCLR		GU1422TPB	GU1422TPB	
		3G 2W 10AX			GU1432TPB	GU1432TPB	
		4G 2W 10AX			GU1442TPB	GU1442TPB	
Dimmer switches		1G 1W 400W mains			GU6411PB	GU6411PB	
		1G 2W 400W mains	GU6412BK	GU6412WH	GU6412CLR	GU6412PB	
		2G 2W 250W mains	GU6422BK	GU6422WH	GU6422CLR	GU6422PB	
		3G 2W 250W mains			GU6432PB	GU6432PB	
		4G 2W 250W mains			GU6442PB	GU6442PB	
		1G 1W 400VA low voltage			GU6411LVPB	GU6411LVPB	
		1G 2W 400VA low voltage			GU6412LVPB	GU6412LVPB	
		2G 2W 250VA low voltage			GU6422LVPB	GU6422LVPB	
		3G 2W 250VA low voltage			GU6432LVPB	GU6432LVPB	
		4G 2W 250VA low voltage			GU6442LVPB	GU6442LVPB	
		1G slimline 300VA electronic			GU6412EWPB	GU6412EBPB	
		1G slimline IR remote control 300VA electronic			GU6412RWPB	GU6412RBPB	
		2G 2 x 200W/VA electronic			GU6422EWPB	GU6422EBPB	
		1 channel remote control			GU6000RC1	GU6000RC1	
20A DP & 32A plate switches		20A DP switch	GU2410CLR		GU2410WPB	GU2410BPB	
		20A DP switch + flex outlet			GU2413WPB	GU2413BPB	
		20A DP switch + neon	GU2411BBK	GU2411WWH	GU2411WPB	GU2411BPB	
		20A DP switch + neon + flex outlet			GU2414WPB	GU2414BPB	
		20A DP switch + neon + flex outlet			GU2414WHWPB	GU2414WHBPB	
		32A 1G DP switch + neon			GU4431WPB	GU4431BPB	








*Dependent upon wiring configuration, to aid installation 35mm flush steel boxes are recommended.

Polished chrome white interior	Polished chrome black interior	Pearl nickel white interior	Stainless steel white interior	Stainless steel black interior	White metal white interior	Black nickel black interior	Mounting box depth
							
GU3450WPC	GU3450BPC	GU3450WPN	GU3450WSS	GU3450BSS	GU3450WPW	GU3450BBN	*25/35mm
GU3460WPC	GU3460BPC	GU3460WPN	GU3460WSS	GU3460BSS	GU3460WPW	GU3460BBN	*25/35mm
GU3410WPC	GU3410BPC	GU3410WPN	GU3410WSS	GU3410BSS	GU3410WPW	GU3410BBN	*25/35mm
GU3410DWPC	GU3410DBPC	GU3410DWPN	GU3410DWSS	GU3410DBSS	GU3410DWPW	GU3410DBBN	*25/35mm
GU3411WPC	GU3411BPC	GU3411WPN	GU3411WSS	GU3411BSS	GU3411WPW	GU3411BBN	*25/35mm
GU3420WPC	GU3420BPC	GU3420WPN	GU3420WSS	GU3420BSS	GU3420WPW	GU3420BBN	*25/35mm
GU3420DWPC	GU3420DBPC	GU3420DWPN	GU3420DWSS	GU3420DBSS	GU3420DWPW	GU3420DBBN	*25/35mm
GU3431WPC	GU3431BPC		GU3431WSS	GU3431BSS	GU3431WPW		35mm
GU3434WPC			GU3434WSS	GU3434BSS			35mm
GU3421WPC	GU3421BPC	GU3421WPN	GU3421WSS	GU3421BSS	GU3421WPW	GU3421BBN	*25/35mm
GU3420DWPCMP			GU3420DWSSMP		GU3420DWPWMP		40mm
GU3470WPC	GU3470BPC	GU3470WPN	GU3470WSS	GU3470BSS	GU3470WPW	GU3470BBN	25mm
GU3480WPC	GU3480BPC	GU3480WPN	GU3480WSS	GU3480BSS	GU3480WPW	GU3480BBN	25mm
GU3490WPC	GU3490BPC	GU3490WPN	GU3490WSS	GU3490BSS	GU3490WPW	GU3490BBN	25mm
GU1412WPC	GU1412BPC	GU1412WPN	GU1412WSS	GU1412BSS	GU1412WPW	GU1412BBN	16mm
GU1422WPC	GU1422BPC	GU1422WPN	GU1422WSS	GU1422BSS	GU1422WPW	GU1422BBN	16mm
GU1432WPC	GU1432BPC	GU1432WPN	GU1432WSS	GU1432BSS	GU1432WPW	GU1432BBN	25mm
GU1442WPC	GU1442BPC	GU1442WPN	GU1442WSS	GU1442BSS	GU1442WPW	GU1442BBN	25mm
GU1462WPC	GU1462BPC	GU1462WPN	GU1462WSS	GU1462BSS	GU1462WPW	GU1462BBN	25mm
GU1413WPC	GU1413BPC	GU1413WPN	GU1413WSS	GU1413BSS	GU1413WPW	GU1413BBN	25mm
GU1414WPC	GU1414BPC	GU1414WPN	GU1414WSS	GU1414BSS	GU1414WPW	GU1414BBN	25mm
GU1412RWPC	GU1412RBPC	GU1412RWPN	GU1412RWSS	GU1412RBSS	GU1412RWPW	GU1412RBBN	25mm
				GUPA1411BSS			
				GUP1411BSS			
GU1412KWPC	GU1412KBPC	GU1412KWPN	GU1412KWSS	GU1412KBSS	GU1412KWPW	GU1412KBBN	47mm
GU1412TPC	GU1412TPC	GU1412TPN	GU1412TSS	GU1412TSS	GU1412TPW	GU1412TBN	16mm
GU1422TPC	GU1422TPC	GU1422TPN	GU1422TSS	GU1422TSS	GU1422TPW	GU1422TBN	16mm
GU1432TPC	GU1432TPC	GU1432TPN	GU1432TSS	GU1432TSS	GU1432TPW	GU1432TBN	25mm
GU1442TPC	GU1442TPC	GU1442TPN	GU1442TSS	GU1442TSS	GU1442TPW	GU1442TBN	25mm
GU6411PC	GU6411PC	GU6411PN	GU6411SS	GU6411SS	GU6411PW	GU6411BN	16mm
GU6412PC	GU6412PC	GU6412PN	GU6412SS	GU6412SS	GU6412PW	GU6412BN	25mm
GU6422PC	GU6422PC	GU6422PN	GU6422SS	GU6422SS	GU6422PW	GU6422BN	25mm
GU6432PC	GU6432PC	GU6432PN	GU6432SS	GU6432SS	GU6432PW	GU6432BN	35mm
GU6442PC	GU6442PC	GU6442PN	GU6442SS	GU6442SS	GU6442PW	GU6442BN	35mm
GU6411LVPC	GU6411LVPC	GU6411LVPN	GU6411LVSS	GU6411LVSS	GU6411LVPW	GU6411LVBN	16mm
GU6412LVPC	GU6412LVPC	GU6412LVPN	GU6412LVSS	GU6412LVSS	GU6412LVPW	GU6412LVBN	25mm
GU6422LVPC	GU6422LVPC	GU6422LVPN	GU6422LVSS	GU6422LVSS	GU6422LVPW	GU6422LVBN	25mm
GU6432LVPC	GU6432LVPC	GU6432LVPN	GU6432LVSS	GU6432LVSS	GU6432LVPW	GU6432LVBN	35mm
GU6442LVPC	GU6442LVPC	GU6442LVPN	GU6442LVSS	GU6442LVSS	GU6442LVPW	GU6442LVBN	35mm
GU6412EWPC	GU6412EBPC	GU6412EWPN	GU6412EWSS	GU6412EBSS	GU6412EWPW	GU6412EBBN	25mm
GU6412RWPC	GU6412RBPC	GU6412RWPN	GU6412RWSS	GU6412RBSS	GU6412RWPW	GU6412RBBN	25mm
GU6422EWPC	GU6422EBPC	GU6422EWPN	GU6422EWSS	GU6422EBSS	GU6422EWPW	GU6422EBBN	25mm
GU6000RC1	GU6000RC1	GU6000RC1	GU6000RC1	GU6000RC1	GU6000RC1	GU6000RC1	N/A
GU2410WPC	GU2410BPC	GU2410WPN	GU2410WSS	GU2410BSS	GU2410WPW	GU2410BBN	25mm
GU2413WPC	GU2413BPC	GU2413WPN	GU2413WSS	GU2413BSS	GU2413WPW	GU2413BBN	35mm
GU2411WPC	GU2411BPC	GU2411WPN	GU2411WSS	GU2411BSS	GU2411WPW	GU2411BBN	25mm
GU2414WPC	GU2414BPC	GU2414WPN	GU2414WSS	GU2414BSS	GU2414WPW	GU2414BBN	35mm
GU2414WHWPC	GU2414WHBPC	GU2414WHWPN	GU2414WHWSS	GU2414WHBSS	GU2414WHWPW	GU2414WHBBN	35mm
GU4431WPC	GU4431BPC	GU4431WPN	GU4431WSS	GU4431BSS	GU4431WPW	GU4431BBZ	47mm

Due to large plate foot print products may not be compatible with flush dual mounting boxes

		Finishes				
		Piano black	Gloss white	Transparent	Polished brass white interior	Polished brass black interior
13A Fused connection units 	13A unswitched				GU5400WPB	GU5400BPB
	13A unswitched + flex outlet				GU5403WPB	GU5403BPB
	13A switched			GU5410CLR	GU5410WPB	GU5410BPB
	13A switched + flex outlet				GU5413WPB	GU5413BPB
	13A switched + neon	GU5411BBK	GU5411WWH		GU5411WPB	GU5411BPB
	13A switched + neon + flex outlet				GU5414WPB	GU5414BPB
50A control switches 	2G DP switch + neon				GU4421WPB	GU4421BPB
45A cooker control units 	45A DP cooker control unit + 13A switched socket + neon	GU4401BBK	GU4401WWH		GU4401WPB	GU4401BPB
Shaver socket outlet 	115/230V dual voltage	GU7490BBK	GU7490WWH		GU7490WPB	GU7490BPB
Telephone socket outlets 	RJ11 telephone outlet				GU7451WPB	GU7451BPB
	Master telephone outlet	GU7461BBK	GU7461WWH		GU7461WPB	GU7461BPB
	Secondary telephone outlet	GU7462BBK	GU7462WWH	GU7462CLR	GU7462WPB	GU7462BPB
	Single RJ45 outlet				GU7471WPB	GU7471BPB
TV socket outlets 	Single TV/FM coaxial socket	GU7410BBK	GU7410WWH	GU7410CLR	GU7410WPB	GU7410BPB
	Twin TV/FM coaxial socket				GU7420WPB	GU7420BPB
	Single satellite socket				GU7430WPB	GU7430BPB
Euro modular plates 	1G euro plate				GU8450PB	GU8450PB
	2G euro plate				GU8460PB	GU8460PB
	4G euro plate				GU8480PB	GU8480PB
Blank plates 	1G blank plate				GU8410PB	GU8410PB
	2G blank plate				GU8420PB	GU8420PB

*Dependent upon wiring configuration, to aid installation 35mm flush steel boxes are recommended.

Polished chrome white interior	Polished chrome black interior	Pearl nickel white interior	Stainless steel white interior	Stainless steel black interior	White metal white interior	Black nickel black interior	Mounting box depth
							
GU5400WPC	GU5400BPC	GU5400WPN	GU5400WSS	GU5400BSS	GU5400WPW	GU5400BBN	25mm
GU5403WPC	GU5403BPC	GU5403WPN	GU5403WSS	GU5403BSS	GU5403WPW	GU5403BBN	35mm
GU5410WPC	GU5410BPC	GU5410WPN	GU5410WSS	GU5410BSS	GU5410WPW	GU5410BBN	35mm
GU5413WPC	GU5413BPC	GU5413WPN	GU5413WSS	GU5413BSS	GU5413WPW	GU5413BBN	35mm
GU5411WPC	GU5411BPC	GU5411WPN	GU5411WSS	GU5411BSS	GU5411WPW	GU5411BBN	35mm
GU5414WPC	GU5414BPC	GU5414WPN	GU5414WSS	GU5414BSS	GU5414WPW	GU5414BBN	35mm
GU4421WPC	GU4421BPC	GU4421WPN	GU4421WSS	GU4421BSS	GU4421WPW	GU4421BBN	47mm
GU4401WPC	GU4401BPC	GU4401WPN	GU4401WSS	GU4401BSS	GU4401WPW	GU4401BBN	47mm
GU7490WPC	GU7490BPC	GU7490WPN	GU7490WSS	GU7490BSS	GU7490WPW	GU7490BBN	47mm
GU7451WPC	GU7451BPC	GU7451WPN	GU7451WSS	GU7451BSS	GU7451WPW	GU7451BBN	25mm
GU7461WPC	GU7461BPC	GU7461WPN	GU7461WSS	GU7461BSS	GU7461WPW	GU7461BBN	25mm
GU7462WPC	GU7462BPC	GU7462WPN	GU7462WSS	GU7462BSS	GU7462WPW	GU7462BBN	25mm
GU7471WPC	GU7471BPC	GU7471WPN	GU7471WSS	GU7471BSS	GU7471WPW	GU7471BBN	35mm
GU7410WPC	GU7410BPC	GU7410WPN	GU7410WSS	GU7410BSS	GU7410WPW	GU7410BBN	25mm
GU7420WPC	GU7420BPC	GU7420WPN	GU7420WSS	GU7420BSS	GU7420WPW	GU7420BBN	35mm
GU7430WPC	GU7430BPC	GU7430WPN	GU7430WSS	GU7430BSS	GU7430WPW	GU7430BBN	25mm
GU8450PC	GU8450PC	GU8450PN	GU8450SS	GU8450SS	GU8450PW	GU8450BN	**
GU8460PC	GU8460PC	GU8460PN	GU8460SS	GU8460SS	GU8460PW	GU8460BN	**
GU8480PC	GU8480PC	GU8480PN	GU8480SS	GU8480SS	GU8480PW	GU8480BN	**
GU8410PC	GU8410PC	GU8410PN	GU8410SS	GU8410SS	GU8410PW	GU8410BN	N/A
GU8420PC	GU8420PC	GU8420PN	GU8420SS	GU8420SS	GU8420PW	GU8420BN	N/A

Due to large plate foot print products may not be compatible with flush dual mounting boxes

		1	2	3	4	6	8	9	12	18	24
Flush											
Screwless	Stainless steel	GUGS01GSS	GUGS02GSS	GUGS03GSS	GUGS04GSS	GUGS06GSS	GUGS08GSS	GUGS09GSS	GUGS12GSS	GUGS18GSS	GUGS24GSS
	Mirror steel	GUGS01GMS	GUGS02GMS	GUGS03GMS	GUGS04GMS	GUGS06GMS	GUGS08GMS	GUGS09GMS	GUGS12GMS	GUGS18GMS	GUGS24GMS
	Polished brass	GUGS01GPB	GUGS02GPB	GUGS03GPB	GUGS04GPB	GUGS06GPB	GUGS08GPB	GUGS09GPB	GUGS12GPB	GUGS18GPB	GUGS24GPB
	Black nickel	GUGS01GBN	GUGS02GBN	GUGS03GBN	GUGS04GBN	GUGS06GBN	GUGS08GBN	GUGS09GBN	GUGS12GBN	GUGS18GBN	GUGS24GBN
	Pearl nickel	GUGS01GPN	GUGS02GPN	GUGS03GPN	GUGS04GPN	GUGS06GPN	GUGS08GPN	GUGS09GPN	GUGS12GPN	GUGS18GPN	GUGS24GPN
	White metal	GUGS01GPW	GUGS02GPW	GUGS03GPW	GUGS04GPW	GUGS06GPW	GUGS08GPW	GUGS09GPW	GUGS12GPW	GUGS18GPW	GUGS24GPW
Dimensions		88 x 88mm	88 x 88mm	88 x 148mm	88 x 148mm	156 x 156mm	156 x 156mm	216 x 156mm	216 x 156mm	398 x 156mm	398 x 156mm
Flush mounting boxes											
		GBG01	GBG01	GBG02	GBG02	GBG03	GBG03	GBG04F	GBG04F	GBG06F	GBG06F
Dimensions		76 x 76 42mm	76 x 76 42mm	136 x 76 42mm	136 x 76 42mm	136 x 136 42mm	136 x 136 42mm	193 x 133 42mm	193 x 133 42mm	374 x 133 42mm	374 x 133 42mm



Fit installation box and mounting grid. Pull through cables, cut and strip to length.



Terminate each cable to the appropriate switch, (clear terminal markings).



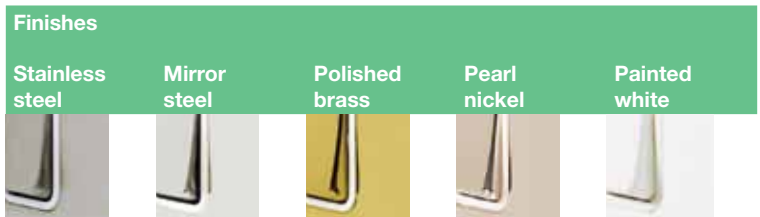
Once wired the modules, simply but securely clip into the mounting grid.



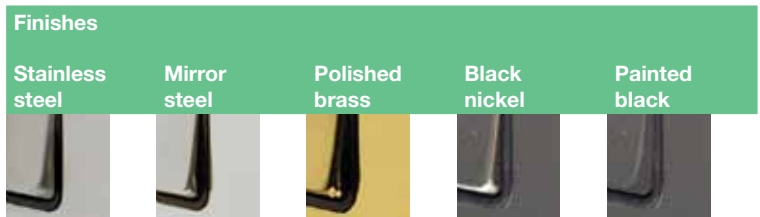
Finally after decorating, fit the cover plate.



Front plates are available in a choice of 6 finishes - Polished Brass, Mirror Steel, Stainless Steel, Pearl Nickel, Black Nickel, Painted White.



Choose module + cap to create following module		Module	Plain rocker cap				
10AX & 20AX switch component modules	10AX 1 way SP	GUG101MW	GUGRSS	GUGRMS	GUGRPB	GUGRPN	GUGRPW
	10AX 2 way SP	GUG102MW	GUGRSS	GUGRMS	GUGRPB	GUGRPN	GUGRPW
	10AX intermediate SP	GUG10IMW	GUGRSS	GUGRMS	GUGRPB	GUGRPN	GUGRPW
	20AX 1 way SP	GUG201MW	GUGRSS	GUGRMS	GUGRPB	GUGRPN	GUGRPW
	20AX 2 way and off SP	GUG2020MW	GUGRSS	GUGRMS	GUGRPB	GUGRPN	GUGRPW
	20AX 2 way SP	GUG202MW	GUGRSS	GUGRMS	GUGRPB	GUGRPN	GUGRPW
	20AX DP	GUG20DPMW	GUGRSS	GUGRMS	GUGRPB	GUGRPN	GUGRPW
Choose module + cap to create following module		Module	Plain rocker cap				
20AX DP printed switch component modules	Marked boiler	GUG20DPMW	GUGRBOSS	GUGRBOMS	GUGRBOPB	GUGRBOPN	GUGRBOPW
	Marked cooker hood	GUG20DPMW	GUGRCHSS	GUGRCHMS	GUGRCHPB	GUGRCHPN	GUGRCHPW
	Marked dish washer	GUG20DPMW	GUGRDWSS	GUGRDWMS	GUGRDWPB	GUGRDWPN	GUGRDWPW
	Marked extractor fan	GUG20DPMW	GUGREFSS	GUGREFMS	GUGREFPB	GUGREFPN	GUGREFPW
	Marked fridge	GUG20DPMW	GUGRFRSS	GUGRFRMS	GUGRFRPB	GUGRFRPN	GUGRFRPW
	Marked fan	GUG20DPMW	GUGRFASS	GUGRFAMS	GUGRFAPB	GUGRFAPN	GUGRFAPW
	Marked freezer	GUG20DPMW	GUGRFZSS	GUGRFZMS	GUGRFZPB	GUGRFZPN	GUGRFZPW
	Marked fridge/freezer	GUG20DPMW	GUGRFRFZSS	GUGRFRFZMS	GUGRFRFZPB	GUGRFRFZPN	GUGRFRFZPW
	Marked hob	GUG20DPMW	GUGRHOSS	GUGRHOMS	GUGRHOPB	GUGRHOPN	GUGRHOPW
	Marked heater	GUG20DPMW	GUGRHESS	GUGRHEMS	GUGRHEPB	GUGRHEPN	GUGRHEPW
	Marked microwave	GUG20DPMW	GUGRMWSS	GUGRMWMS	GUGRMWPB	GUGRMWPN	GUGRMWPW
	Marked oven	GUG20DPMW	GUGROVSS	GUGROVMS	GUGROVPB	GUGROVPN	GUGROVPW
	Marked tumble dryer	GUG20DPMW	GUGRTDSS	GUGRTDMS	GUGRTDPB	GUGRTDPN	GUGRTDPW
	Marked washer dryer	GUG20DPMW	GUGRDWYSS	GUGRDWYMS	GUGRDWYPB	GUGRDWYPN	GUGRDWYPW
	Marked waste disposal	GUG20DPMW	GUGRWDSS	GUGRWDMS	GUGRWDPB	GUGRWDPN	GUGRWDPW
	Marked washing machine	GUG20DPMW	GUGRWMSS	GUGRWMS	GUGRWMPB	GUGRWMPN	GUGRWMPW
	6AX & 10AX modules	6AX 2 way retractive and centre off switch module	GUG202OCWSS	GUG202OCWMS	GUG202OCWPB	GUG202OCWPN	GUG202OCWPW
10AX 2 way retractive switch module		GUG102RWSS	GUG102RWMS	GUG102RWPB	GUG102RWPN	GUG102RWPW	
10AX 2 way toggle switch module		GUG102TWSS	GUG102TWMS	GUG102TWPB	GUG102TWPN	GUG102TWPW	
10AX intermediate toggle switch module		GUG10ITWSS	GUG10ITWMS	GUG10ITWPB	GUG10ITWPN	GUG10ITWPW	
20AX secret key modules		20AX DP key switch module	GUG20DPKWSS	GUG20DPKWMS	GUG20DPKWPB	GUG20DPKWPN	GUG20DPKWPPW
	20AX 2 way key switch module	GUG202KWSS	GUG202KWMS	GUG202KWPB	GUG202KWPN	GUG202KWPPW	
	20AX 2 way key switch module marked EMG.LTG	GUG202KELWSS	GUG202KELWMS	GUG202KELWPB	GUG202KELWPN	GUG202KELWPPW	
Communication modules	Master telephone outlet	GUGTELMWSS	GUGTELMWMS	GUGTELMWPB	GUGTELMWPN	GUGTELMWPPW	
	Secondary telephone outlet	GUGTELSWSS	GUGTELSWMS	GUGTELSWPB	GUGTELSWPN	GUGTELSWPPW	
	Single RJ11 data outlet	GUGRJ11WSS	GUGRJ11WMS	GUGRJ11WPB	GUGRJ11WPN	GUGRJ11WPPW	
	Single RJ45 data outlet	GUGRJ45WSS	GUGRJ45WMS	GUGRJ45WPB	GUGRJ45WPN	GUGRJ45WPPW	
	Single TV/FM coaxial	GUGCOWSS	GUGCOWMS	GUGCOWPB	GUGCOWPN	GUGCOWPPW	
	Single satellite	GUGSATWSS	GUGSATWMS	GUGSATWPB	GUGSATWPN	GUGSATWPPW	
Electronic dimmer	Electronic 300W/VA 2 way & multiway standard dimmer module	GUGEMDIMWSS16	GUGEMDIMWMS16	GUGEMDIMWPP16	GUGEMDIMWPN16	GUGEMDIMWPP16	
	Electronic 300W/VA infra red dimmer module	GUGEMRDIMW16	GUGEMRDIMW16	GUGEMRDIMWP16	GUGEMRDIMWPN16	GUGEMRDIMWPP16	
	2 way retractive switch	GUGEMWWSS16	GUGEMWWMS16	GUGEMWWWP16	GUGEMWWWPN16	GUGEMWWWPP16	
	1 channel remote control	GU6000RC116	GU6000RC116	GU6000RC116	GU6000RC116	GU6000RC116	
Connection unit & flex outlet	13A fused connection unit module	GUG13FCUWSS	GUG13FCUWMS	GUG13FCUWPB	GUG13FCUWPN	GUG13FCUWPPW	
	Flex outlet (10mm dia)	GUG16COWSS	GUG16COWMS	GUG16COWPB	GUG16COWPN	GUG16COWPPW	
Blank modules	Blank module metal finish	GUGBWSS	GUGBWMS	GUGBWPB	GUGBWPN	GUGBWPW	
	Blank module plastic	GUGWB					
Indicator modules	Red neon indicator module	GUGINDWR					
	Orange neon indicator module	GUGINDWO					
	Green neon indicator module	GUGINDWG					
Spares	Hex screws (plate to grid)		UHEXSSS	UHEXSMS	UHEXSPB	UHEXSPN	UHEXSPW
	Hex screw key	GUGSHK					
	Key switch module spare key	GUGKSK					
	Additional Earth terminal	GGTKIT					



Choose module + cap to create following module		Module	Plain rocker cap				
			Stainless steel	Mirror steel	Polished brass	Black nickel	Painted black
10AX & 20AX switch component modules	10AX 1 way SP	GUG101MB	GUGRSS	GUGRMS	GUGRPB	GUGRBN	GUGRBLK
	10AX 2 way SP	GUG102MB	GUGRSS	GUGRMS	GUGRPB	GUGRBN	GUGRBLK
	10AX intermediate SP	GUG10IMB	GUGRSS	GUGRMS	GUGRPB	GUGRBN	GUGRBLK
	20AX 1 way SP	GUG201MB	GUGRSS	GUGRMS	GUGRPB	GUGRBN	GUGRBLK
	20AX 2 way and off SP	GUG2020MB	GUGRSS	GUGRMS	GUGRPB	GUGRBN	GUGRBLK
	20AX 2 way SP	GUG202MB	GUGRSS	GUGRMS	GUGRPB	GUGRBN	GUGRBLK
	20AX DP	GUG20DPMB	GUGRSS	GUGRMS	GUGRPB	GUGRBN	GUGRBLK
Choose module + cap to create following module		Module					
20AX DP printed switch component modules	Marked boiler	GUG20DPMB	GUGRBOSS	GUGRBOMS	GUGRBOPB	GUGRBOBN	GUGRBOBLK
	Marked cooker hood	GUG20DPMB	GUGRCHSS	GUGRCHMS	GUGRCHPB	GUGRCHBN	GUGRCHBLK
	Marked dish washer	GUG20DPMB	GUGRDWSS	GUGRDWMS	GUGRDWPB	GUGRDWBN	GUGRDWBLK
	Marked extractor fan	GUG20DPMB	GUGREFSS	GUGREFMS	GUGREFPB	GUGREFBN	GUGREFBLK
	Marked fridge	GUG20DPMB	GUGRFRSS	GUGRFRMS	GUGRFRPB	GUGRFRBN	GUGRFRBLK
	Marked fan	GUG20DPMB	GUGRFASS	GUGRFAMS	GUGRFAPB	GUGRFABN	GUGRFABLK
	Marked freezer	GUG20DPMB	GUGRFZSS	GUGRFZMS	GUGRFZPB	GUGRFZBN	GUGRFZBLK
	Marked fridge/freezer	GUG20DPMB	GUGRFRFZSS	GUGRFRFZMS	GUGRFRFZPB	GUGRFRFZBN	GUGRFRFZBLK
	Marked hob	GUG20DPMB	GUGRHOSS	GUGRHOMS	GUGRHOPB	GUGRHOBN	GUGRHOBLK
	Marked heater	GUG20DPMB	GUGRHESS	GUGRHEMS	GUGRHEPB	GUGRHEBN	GUGRHEBLK
	Marked microwave	GUG20DPMB	GUGRMWSS	GUGRMWMS	GUGRMWPB	GUGRMWBN	GUGRMWBLK
	Marked oven	GUG20DPMB	GUGROVSS	GUGROVMS	GUGROVPB	GUGROVBN	GUGROVBLK
	Marked tumble dryer	GUG20DPMB	GUGRTDSS	GUGRTDMS	GUGRTDPB	GUGRTDBN	GUGRTDBLK
	Marked washer dryer	GUG20DPMB	GUGRDWYSS	GUGRDWYMS	GUGRDWYPB	GUGRDWYBN	GUGRDWYBLK
	Marked waste disposal	GUG20DPMB	GUGRWDS	GUGRWDMMS	GUGRWDPB	GUGRWDBN	GUGRWDBLK
	Marked washing machine	GUG20DPMB	GUGRWMSS	GUGRWMS	GUGRWMPB	GUGRWMBN	GUGRWMBLK
	6AX & 10AX modules	6AX 2 way retractive and centre off switch module	GUG202OCBSS	GUG202OCBMS	GUG202OCBPB	GUG202OCBBN	GUG202OCBLK
10AX 2 way retractive switch module		GUG102RBSS	GUG102RBMS	GUG102RBPB	GUG102RBBN	GUG102RBLK	
10AX 2 way toggle switch module		GUG102TBSS	GUG102TBMS	GUG102TBPB	GUG102TBBN		
10AX intermediate toggle switch module		GUG10ITBSS	GUG10ITBMS	GUG10ITBPB	GUG10ITBBN		
20AX secret key modules	20AX DP key switch module	GUG20DPKBSS	GUG20DPKBMS	GUG20DPKBPB	GUG20DPKBBN	GUG20DPKBLK	
	20AX 2 way key switch module	GUG202KBSS	GUG202KBMS	GUG202KBPB	GUG202KBBN	GUG202KBLK	
	20AX 2 way key switch module marked EMG.LTG	GUG202KELBSS	GUG202KELBMS	GUG202KELBPB	GUG202KELBBN	GUG202KELBLK	
Communication modules	Master telephone outlet	GUGTELMBSS	GUGTELMBMS	GUGTELMBPB	GUGTELMBBN	GUGTELMBLK	
	Secondary telephone outlet	GUGTELSBSS	GUGTELSBMS	GUGTELSBPB	GUGTELSBBN	GUGTELSBLK	
	Single RJ11 data outlet	GUGRJ11BSS	GUGRJ11BMS	GUGRJ11BPB	GUGRJ11BBN	GUGRJ11BLK	
	Single RJ45 data outlet	GUGRJ45BSS	GUGRJ45BMS	GUGRJ45BPB	GUGRJ45BBN	GUGRJ45BLK	
	Single TV/FM coaxial	GUGCOBSS	GUGCOBMS	GUGCOBPB	GUGCOBBN	GUGCOBLK	
	Single satellite	GUGSATBSS	GUGSATBMS	GUGSATBPB	GUGSATBBN	GUGSATBLK	
Electronic dimmer	Electronic 300W/VA 2 way & multiway standard dimmer module	GUGEMDIMBSS16	GUGEMDIMBMS16	GUGEMDIMBPB16	GUGEMDIMBBN16		
	Electronic 350W/VA infra red dimmer module	GUGEMRDMBSS16	GUGEMRDMBMS16	GUGEMRDMBPB16	GUGEMRDMBBN16		
	2 way retractive switch	GUGEMWBSS16	GUGEMWBMS16	GUGEMWBPB16	GUGEMWBBN16		
	1 channel remote control	GU6000RC116	GU6000RC116	GU6000RC116	GU6000RC116		
Connection unit & flex outlet	13A fused connection unit module	GUG13FCUBSS	GUG13FCUBMS	GUG13FCUBPB	GUG13FCUBBN	GUG13FCUBLK	
	Flex outlet (10mm dia)	GUG16COBSS	GUG16COBMS	GUG16COBPB	GUG16COBBN	GUG16COBLK	
Blank modules	Blank module metal finish	GUGBBSS	GUGBBMS	GUGBBPB	GUGBBBN		
	Blank module plastic	GUGBB					
Indicator modules	Red neon indicator module	GUGINDBR					
	Orange neon indicator module	GUGINDBO					
	Green neon indicator module	GUGINDBG					
Spares	Hex screws (plate to grid)						
	Hex screw key	GUGSHK					
	Key switch module spare key	GUGKSK					
	Additional Earth terminal	GGTKIT					



GU3450WSS

13A unswitched sockets

- Dimensions: 88 x 88mm (1 gang), 88 x 148mm (2 gang)
- Mounting box:
 - SB251 (F) 1 gang
 - SB351 (F) 1 gang
 - SB252 (F) 2 gang
 - SB352 (F) 2 gang
- Fix screws: M3.5 x 25mm and 30mm
- BS 1363

Part number	Description	Qty
GU3450***	1 gang	1
GU3460***	2 gang	1



GU3421BPB

13A switched sockets

- Dimensions: 88 x 88mm (1 gang), 88 x 148mm (2 gang)
- Mounting box:
 - SB251 (F) 1 gang
 - SB351 (F) 1 gang
 - SB252 (F) 2 gang
 - SB352 (F) 2 gang
- Fix screws: M3.5 x 25mm and 30mm
- BS 1363

Part number	Description	Qty
GU3410***	1 gang switched	1
GU3411***	1 gang switched with neon	1
GU3420***	2 gang switched	1
GU3421***	2 gang switched with neons	1
GU3410D***	1 gang DP switched	1
GU3420D***	2 gang DP switched	1



GU3420CLR

13A DP outboard rocker switched socket outlet

- Dimensions: 88 x 148mm
- Mounting box:
 - SB252 (F) 2 gang
 - SB352 (F) 2 gang
- Fixed screws: M3.5 x 25mm and 30mm
- BS 1363

Part number	Description	Qty
GU3431***	2 gang switched with clean earth	1
GU3434***	2 gang switched with clean earth, non standard and neons	1



GU3431WSS

Round pin socket outlets

- Dimensions: 88 x 88mm
- Mounting box: SB251 (F)
- Fixed screws: M3.5 x 25mm and 30mm
- BS 546

Part number	Description	Qty
GU3470***	2A unswitched	1
GU3480***	5A unswitched	1
GU3490***	15A switched	1



GU3470BPC

Note Replace *** with suffix code to denote finish/interior colour required:

- WSS** Stainless steel with white interior
- BSS** Stainless steel with black interior
- WPW** Painted white with white interior
- BBK** Polycarbonate piano black

- WPN** Pearl nickel with white interior
- BPB** Polished brass with black interior
- WPB** Polished brass with white interior
- WWH** Polycarbonate gloss white

- BPC** Polished chrome with black interior
- WPC** Polished chrome with white interior
- BBN** Black nickel with black interior
- CLR** Transparent

Media plates

- Dimensions: 178 x 286mm
- Mounting box dimensions: 160 x 270 x 40mm depth
- Fix screws: M3.5 x 25mm and 30mm
- BS 5733
- BS 1363-2



GU3420DWSSMP

Part number	Description	Qty
GU3420DWSSMP	Media plate 4 socket 8 euromodule stainless steel white inserts	1
GU3420DWPWMP	Media plate 4 socket 8 euromodule white metal white inserts	1
GU3420DWPCMP	Media plate 4 socket 8 euromodule polished chrome white inserts	1
GU3420DMP	Media plate mounting box (Flush galv.)	1

16AX plate switches

- Dimensions: 88 x 88mm (1-3 gang), 88 x148mm (4-6 gang)
- Mounting box: See selection table
- Fix screws: M3.5 x 25mm and 30mm
- BS EN 60669-1
- BS EN 60947-3 (GU1413***)
- The glow in the dark frame discreetly sign-posts the profile of the switch and aids switch location



GU1442WSS



GU1400F



GU1413WWH

Part number	Description	Qty
GU1412***	1 gang 2 way SP	1
GU1412R***	*10A 1 gang 2 way retractive	1
GU1422***	2 gang 2 way SP	1
GU1432***	3 gang 2 way SP	1
GU1442***	4 gang 2 way SP	1
GU1462***	6 gang 2 way SP	1
GU1413***	**3 pole isolator	1
GU1414***	1 gang intermediate	1
GU1400F	1 gang glow in the dark frame	10

150W PIR plate switch



- Dimensions: 88 x 88mm (1 gang)
- Mounting box: SB161 (F) 1 gang
- Fix screws: M3.5 x 25mm and 30mm
- 2 wire connection
- Operating distance = 6M at 45° horizontal
- BS EN 60669-2-1
- Stainless steel finish only with black insert
- Time setting: 15 sec - 30 min
- 10 - 2000 Lux



GUPA1411BSS

Part number	Description	Qty
GUPA1411BSS	1 gang 1 way PIR switch with override	1
GUP1411BSS	1 gang 1 way PIR switch	1

10AX toggle switches

- Dimensions: 88 x 88mm (1-3 gang), 88 x148mm (4 gang)
- Mounting box:
 - SB161 (F) 1-2 gang
 - SB351 (F) 3 gang
 - SB252 (F) 4 gang
- Fix screws: M3.5 x 25mm and 30mm
- BS EN 60669-1



GU1422TPB

Part number	Description	Qty
GU1412T**	1 gang 2 way	1
GU1422T**	2 gang 2 way	1
GU1432T**	3 gang 2 way	1
GU1442T**	4 gang 2 way	1

* 16A rated
** 10A rated

Note Replace *** with suffix code to denote finish/interior colour required:

WSS Stainless steel with white interior	WPN Pearl nickel with white interior	BPC Polished chrome with black interior
BSS Stainless steel with black interior	BPB Polished brass with black interior	WPC Polished chrome with white interior
WPW Painted white with white interior	WPB Polished brass with white interior	BBN Black nickel with black interior
BBK Polycarbonate piano black	WWH Polycarbonate gloss white	CLR Transparent



GU6412EWSS

Electronic dimmers



- Dimensions: 88 x 88mm (300VA)
- Mounting box: Min SB251 (300VA)
- Fix screws: M3.5 x 25mm and 30mm
- IR remote unit requires remote control
- All dimmers can be installed on 2 way and multiway circuits
- For 2 way operating remote switch must be changed for retractive switch
- BS EN 60669-2-1

Part number	Description	Qty
GU6412E***	1 gang 300W/VA	1
GU6422E***	2 gang 2 x 200W/VA	1
GU6412R***	1 gang IR remote control 300W/VA	1
GU6000RC1	1 channel IR remote control	1

Note: Electronic dimmers not suitable for use with CFL and LED lamps of any type



GU6412BK

Mains and low voltage dimmer switches



- Dimensions: 88 x 88mm (1-2 gang), 88 x 148mm (3-4 gang)
- Mounting box:
 - SB161 (F) 1G 1W only
 - SB251 (F) 1-2 gang
 - SB352 (F) 3-4 gang
- Fix screws: M3.5 x 25mm and 30mm
- BS EN 60669-2-1

Part number	Description	Qty
Mains		
GU6411**	1 gang 1 way 400W*	1
GU6412**	1 gang 2 way 400W	1
GU6422**	2 gang 2 way 250W	1
GU6432**	3 gang 2 way 250W	1
GU6442**	4 gang 2 way 250W	1

Low voltage

GU6411LV**	1 gang 1 way 400VA*	1
GU6412LV**	1 gang 2 way 400VA	1
GU6422LV**	2 gang 2 way 250VA	1
GU6432LV**	3 gang 2 way 250VA	1
GU6442LV**	4 gang 2 way 250VA	1

Mains dimmer switches are not suitable on low voltage circuits. See technical section

*1 way dimmers can be used to replace standard wall switches and retrofit into 16mm mounting box



GU6422PB



GU6412LVSS

Note Replace *** with suffix code to denote finish/interior colour required:

WSS Stainless steel with white interior

BSS Stainless steel with black interior

WPW Painted white with white interior

BBK Polycarbonate piano black

WPN Pearl nickel with white interior

BPB Polished brass with black interior

WPB Polished brass with white interior

WWH Polycarbonate gloss white

BPC Polished chrome with black interior

WPC Polished chrome with white interior

BBN Black nickel with black interior

CLR Transparent



GU1412KWPB

Key card switch

- Dimensions: 88 x 88mm
- Mounting box: SB471(F)
- Fix screws: M3.5 x 25mm and 30mm
- BS EN 60669-1
- Non reader type, accepts any card (not supplied)
- Will accept cards up to 85 x 53mm
- Requires L&N connection

Part number	Description	Qty
GU1412K***	32A SP keycard switch with 30 sec time delay	1



GU2411BBN

20AX & 32A DP switches

- Dimensions: 88 x 88mm
- Mounting box: SB351(F)
- Fix screws: M3.5 x 25mm and 30mm
- BS EN 60669-1

Part number	Description	Qty
GU2410***	20A DP switch	1
GU2411***	20A DP switch with neon	1
GU2413***	20A DP switch with flex outlet	1
GU2414***	20A DP switch with neon an flex outlet	1
GU2414WH***	20A DP switch with neon and flex outlet marked water heater	1
GU4431***	32A 1 gang DP switch with neon	1



GU5410WPC

13A fused connection units

- Dimensions: 88 x 88mm
- Mounting box:
 - Unswitched SB251 (F)
 - Switched SB351 (F)
- Fix screws: M3.5 x 25mm and 30mm
- BS 1363

Part number	Description	Qty
GU5400***	Unswitched	1
GU5403***	Unswitched with flex outlet	1
GU5410***	DP switched	1
GU5411***	DP switched with neon	1
GU5413***	DP switched with flex outlet	1
GU5414***	DP switched with neon and flex outlet	1



GU4431BBN

50A DP switches

- Dimensions: 148 x 88mm
- Mounting box: SB472 (F)
- Fix screws: M3.5 x 25mm and 30mm
- BS EN 60669-1

Part number	Description	Qty
GU4421***	50A 2 gang DP switch with neon (fits 2 gang box)	1



GU4401BPB

45A DP cooker controls

- Dimensions: 88 x 148mm
- Mounting box: SB472 (F)
- Fix screws: M3.5 x 25mm and 30mm
- BS 4177

Part number	Description	Qty
GU4401***	45A DP cooker control unit & 13A switched socket with neons	1

Note Replace *** with suffix code to denote finish/interior colour required:

- WSS** Stainless steel with white interior
- BSS** Stainless steel with black interior
- WPW** Painted white with white interior
- BBK** Polycarbonate piano black

- WPN** Pearl nickel with white interior
- BPB** Polished brass with black interior
- WPB** Polished brass with white interior
- WWH** Polycarbonate gloss white

- BPC** Polished chrome with black interior
- WPC** Polished chrome with white interior
- BBN** Black nickel with black interior
- CLR** Transparent



GU7490WSS

Shaver sockets

- Dimensions: 148 x 88mm
- Mounting box: SB472 (F)
- Fix screws: M3.5 x 25mm and 30mm
- BS EN 61558-2-5

Part number	Description	Qty
GU7490***	115/230V dual voltage	1

Special unique design allows perfect fit to 47mm box



GU7461WPB

Telephone & data outlets

- Dimensions: 88 x 88mm
- Mounting box:
 - SB251 (F)
 - SB351 (F)
- Fix screws: M3.5 x 25mm and 30mm
- BS EN 41003
- Refer to euro modular range for further combinations

Part number	Description	Qty
GU7451***	Single RJ11 outlet	1
GU7461***	Single telephone master	1
GU7462***	Single telephone secondary	1
GU7471***	Single RJ45 outlet	1



GU7410WPN

TV outlets

- Dimensions: 88 x 88mm
- Mounting box: SB251 (F)
- Fix screws: M3.5 x 25mm and 30mm
- Products are direct connection and not suitable for common connection
- BS 3041 (where applicable)

Part number	Description	Qty
GU7410***	Single TV/FM socket	1
GU7420***	Twin TV/FM socket	1
GU7430***	Single SAT socket	1



GU8410SS

Blank plates

- Dimensions: 88 x 88mm (1 gang), 88 x 148mm (2 gang)
- Fix screws: M3.5 x 25mm and 30mm
- BS 5733

Part number	Description	Qty
GU8410**	1 gang	1
GU8420**	2 gang	1

Note Replace *** with suffix code to denote finish/interior colour required:

- WSS** Stainless steel with white interior
- BSS** Stainless steel with black interior
- WPW** Painted white with white interior
- BBK** Polycarbonate piano black

- WPN** Pearl nickel with white interior
- BPB** Polished brass with black interior
- WPB** Polished brass with white interior
- WWH** Polycarbonate gloss white

- BPC** Polished chrome with black interior
- WPC** Polished chrome with white interior
- BBN** Black nickel with black interior
- CLR** Transparent



GU8480PN

Euro modular plates

- Dimensions: 88 x 88mm (1-2 gang), 88 x 148mm (4 gang)
- Mounted grid supplied with frame
- Refer to module for appropriate mounting box depth

Part number	Description	Qty
GU8450**	1 gang euro modular plate	1
GU8460**	2 gang euro modular plate	1
GU8480**	4 gang euro modular plate	1



GUE7081B

Euro modules

- Dimensions: 25 x 50mm (single), 50 x 50mm (double)
- Mounting box:
 - 1 module: SB251 (F) 1 gang
SB252 (F) 2 gang
 - 2 module: SB351 (F) 1 gang
SB352 (F) 2 gang

Part number	Description	Module size	Qty
GUE7010*	TV/Radio diplexer	2	1
GUE7011*	Single IEC coax (female)	1	1
GUE7012*	Single IEC coax (male)	1	1
GUE7030*	Single F type sat	1	1
GUE7040*	TV/Sat diplexer	2	1
GUE7081*	TV/FM/Sat triplexer	2	1
GUE7082*	TV/FM/Sat 1/Sat quadplexer	2	1
GUE7020*	HDMI	2	1
GUE7051*	RJ11 modem	1	1
GUE7061*	Telephone (BT master)	1	1
GUE7062*	Telephone (BT secondary)	1	1
GUE7071*	RJ45 CAT5e (not screened)	1	1
GUE7072*	RJ45 CAT6 (not screened)	1	1
GUE7075*	VGA	1	1
GUE7091*	LexCom Performance outlet	1	8
GUE7000*	2 x Phono socket	1	1
GUE7001*	2 x Loudspeaker socket	1	1
GUE8010*	Blank module	1	5



GUE7020B



GUE7072W

Grid plate

Part number	Description	Dimensions	Qty
GUGS01G**	1 gang	88 x 88mm	1
GUGS02G**	2 gang	88 x 88mm	1
GUGS03G**	3 gang	88 x 148mm	1
GUGS04G**	4 gang	88 x 148mm	1
GUGS06G**	6 gang	156 x 156mm	1
GUGS08G**	8 gang	156 x 156mm	1
GUGS09G**	9 gang m	216 x 156mm	1
GUGS12G**	12 gang	216 x 156mm	1
GUGS18G**	18 gang	398 x 156mm	1
GUGS24G**	24 gang 3	398 x 156mm	1



GUGS06GPB

Note Replace * with suffix code to denote module finish required:

W White **B** Black

Note Replace ** with suffix code to denote plate finish required:

SS Stainless steel **BN** Black nickel
PN Pearl nickel **PB** Polished brass
PC Polished chrome **PW** White metal



Select required switch module and rocker cap



Snap rocker cap onto module



Module is now complete and ready to use

10AX & 20AX switch metal modules

- 10AX & 20AX switch modules available in black or white
- Rocker caps available in all metal finishes
- Pre printed rocker caps
- Clear terminal marking printed onto grey back mouldings ensures easy identification
- Easy assembly
- BS EN 60669-1

Part number	Description	Qty
-------------	-------------	-----

Switch modules

White surround		
GUG101MW	10AX 1 way SP	1
GUG102MW	10AX 2 way SP	1
GUG101MW	10AX intermediate SP	1
GUG201MW	20AX 1 way SP	1
GUG202MW	20AX 2 way and off SP	1
GUG202MW	20AX 2 way SP	1
GUG20DPMW	20AX DP	1

Black surround		
GUG101MB	10AX 1 way SP	1
GUG102MB	10AX 2 way SP	1
GUG101MB	10AX intermediate SP	1
GUG201MB	20AX 1 way SP	1
GUG202MB	20AX 2 way and off SP	1
GUG202MB	20AX 2 way SP	1
GUG20DPMB	20AX DP	1

Part number	Description	Qty
-------------	-------------	-----

Metal rocker caps		
GUGR**	Plain rocker cap	6
GUGRBO**	Marked boiler	6
GUGRCH**	Marked cooker hood	6
GUGRDW**	Marked dish washer	6
GUGREF**	Marked extractor fan	6
GUGRFR**	Marked fridge	6
GUGRFA**	Marked fan	6
GUGRFZ**	Marked freezer	6
GUGRFRFZ**	Marked fridge/freezer	6
GUGRHO**	Marked hob	6
GUGRHE**	Marked heater	6
GUGRMW**	Marked microwave	6
GUGROV**	Marked oven	6
GUGRTD**	Marked tumble dryer	6
GUGRWDY**	Marked washer dryer	6
GUGRWD**	Marked waste disposal	6
GUGRWM**	Marked washing machine	6

Note Replace ** with suffix code to denote finish/interior colour required

SS Stainless steel	PN Pearl nickel
PC Polished chrome	BN Black nickel
PB Polished brass	PW Painted white
BLK Painted black	



GUG202KWPW

6AX, 10AX & 20AX switch modules

■ BS EN 60669-1

Part number	Description	Qty
GUG2020C***	6AX 2 way retractive and centre off	1
GUG2020***	6AX 2 way and centre off	1
GUG102R***	10AX 2 way retractive SP	1
GUG102T***	10AX 2 way SP toggle switch	1
GUG10IT***	10AX intermediate toggle	1
GUG20DPK***	20A 1 way DP key operated	1
GUG202K***	20AX 2 way key operated	1
GUG202KEL***	20AX 2 way key operated marked emergency lighting	1



GUGTELMWSS

Communication modules

■ BS EN 3041 (where applicable)

Part number	Description	Qty
GUGTELM***	BT master telephone	1
GUGTELS***	BT secondary telephone	1
GUGRJ11***	RJ11 telephone	1
GUGRJ45***	RJ45 data	1
GUGCO***	Direct coaxial TV	1
GUGSAT***	F type satellite	1

Note Replace *** with suffix code to denote finish/interior colour required

Note Replace ** with suffix code to denote finish required

WSS Stainless steel with white interior

BSS Stainless steel with black interior

WPW Painted white with white interior

BLK Painted black with black interior

WPN Pearl nickel with white interior

BPB Polished brass with black interior

WPB Polished brass with white interior

BMS Mirror steel with black interior

WMS Mirror steel with white interior

BBN Black nickel with black interior



GUGEMDIMWPB16

Electronic dimmer modules

- Electronic modules are capable of 2 way or multiway dimming
- For lamp suitability check the technical section
- Min load 60W/50VA
- Retractive switch for use with electronic dimmers only
- Not compatible with moulded grid plates
- Modules will require derating when used in multi-gang applications

Part number	Description	Qty
GUGEMDIM***16	300W/VA universal multiway touch dimmer module	1
GUGEMRDIMW16/B16	300W/VA universal multiway touch dimmer module with infra red remote option (black or white)	1
GUGEMW***	2 way & multiway retractive switch*	1
GU6000RC1	1 channel IR remote control	1

*50mA max rating



GUG13FCUWMS

Fuse connections & flex outlets

- Full metal surround on all modules
- Modules are completely interchangeable
- BS 1363
- BS 5733

Part number	Description	Qty
GUG13FCU***	13A fuse carrier	1
GUG16CO***	Flex outlet up to 10mm ø	1
GUGBW	White moulded blank	1
GUGBB	Black moulded blank	1
GUGB***	Metal finish blank plate	1



GUGINDWG

Indicator modules

- 240V
- BS 5733

Part number	Description	Qty
White		
GUGINDWG	Green indicator	1
GUGINDWO	Orange Indicator	1
GUGINDWR	Red indicator	1
Black		
GUGINDBG	Green indicator	1
GUGINDBO	Orange Indicator	1
GUGINDBR	Red indicator	1

Note Replace *** with suffix code to denote finish/interior colour required

- WSS** Stainless steel with white interior
- BSS** Stainless steel with black interior
- WPW** Painted white with white interior
- BLK** Painted black with black interior

- WPN** Pearl nickel with white interior
- BPB** Polished brass with black interior
- WPB** Polished brass with white interior

- BMS** Mirror steel with black interior
- WMS** Mirror steel with white interior
- BBN** Black nickel with black interior



Ultimate flat plate

The ultra-slim Ultimate flat plate range is all about superior engineering and urbane style. This beautifully crafted, easy to install range adds that special finishing touch to any interior.

Available in a choice of six high quality plate finishes with black or white interior options, coordinating these accessories has never been easier.



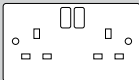







Features & benefits:

Consumer

- > Comprehensive range extends to toggle and dimmer switches plus data communication and all control applications
- > Colour matched flat headed screws and eyelets add that finishing touch
- > Large plate footprint avoids the need for additional decorating on retrofits
- > Smooth tactile switch action
- > Slimline, compact neons for a subtle effect
- > Curved, matching metal capped rockers that are aesthetically pleasing and easy to operate with a choice of white or black interior
- > Fully matched grid system







Installer

- > Full 16AX fluorescent rating on all plate switches
- > Minimal back projection to allow installation using standard flush mounting boxes for both new and retrofits, i.e. shaver sockets also allow installation using a standard 47mm mounting box
- > Metal capped fuse carriers provide more visible metal on the plate
- > Accessories supplied with both long and short screws for installation flexibility
- > Large in-line angled colour coded terminals to aid cable insertion and selection
- > Foam gasket to assist mounting on uneven walls or provide a barrier to moisture
- > Double pole options on 1-gang and 2-gang switched sockets (Twin earth terminals on 2-gang sockets)
- > 50A rated plateswitches for switching appliances with higher current ratings, such as heaters, cookers and commercial refrigerating units


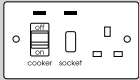
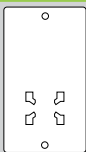


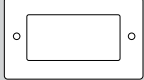

		Finishes		
		Polished brass white interior	Polished brass black interior	
				
13A socket outlets		1G 13A unswitched	GU3250WPB	GU3250BPB
		2G 13A unswitched	GU3260WPB	GU3260BPB
		1G 13A switched	GU3210WPB	GU3210BPB
		2G 13A switched	GU3220WPB	GU3220BPB
		1G 13A switched + neon	GU3211WPB	GU3211BPB
		2G 13A switched + neon	GU3221WPB	GU3221BPB
		1G 13A DP switched	GU3210DWPB	GU3210DBPB
		2G 13A DP switched	GU3220DWPB	GU3220DBPB
		2G 13A O/B DP switched + C/E		
		2G 13A O/B DP switched + C/E + N/S + Neon		
		1G 13A unswitched floor socket	GU3251WPB	
		2G 13A unswitched floor socket	GU3252WPB	
Round pin socket outlets		2A unswitched	GU3270WPB	GU3270BPB
		5A unswitched	GU3280WPB	GU3280BPB
		15A switched	GU3290WPB	GU3290BPB
16AX plate switches		1G 2W switch	GU1212WPB	GU1212BPB
		2G 2W switch	GU1222WPB	GU1222BPB
		3G 2W switch	GU1232WPB	GU1232BPB
		4G 2W switch	GU1242WPB	GU1242BPB
		6G 2W switch	GU1262WPB	GU1262BPB
		**1G TP isolator	GU1213WPB	GU1213BPB
		1G intermediate switch	GU1214WPB	GU1214BPB
		**1G 2W retractive switch	GU1212RWPB	GU1212RBPB
		10AX toggle switches		1G 2W 10AX
2G 2W 10AX	GU1222TPB			GU1222TPB
3G 2W 10AX	GU1232TPB			GU1232TPB
4G 2W 10AX	GU1242TPB			GU1242TPB
Dimmer switches		1G 1W 400W mains	GU6211PB	GU6211PB
		1G 2W 400W mains	GU6212PB	GU6212PB
		2G 2W 250W mains	GU6222PB	GU6222PB
		3G 2W 250W mains	GU6232PB	GU6232PB
		4G 2W 250W mains	GU6242PB	GU6242PB
		1G 1W 400VA low voltage	GU6211LVPB	GU6211LVPB
		1G 2W 400VA low voltage	GU6212LVPB	GU6212LVPB
		2G 2W 250VA low voltage	GU6222LVPB	GU6222LVPB
		3G 2W 250VA low voltage	GU6232LVPB	GU6232LVPB
		4G 2W 250VA low voltage	GU6242LVPB	GU6242LVPB
		1G slimline IR remote control 300VA electronic	GU6212RWPB	GU6212RBPB
		1 channel remote control	GU6000RC1	GU6000RC1
		20A DP plate switches		20A DP switch
20A DP switch + flex outlet	GU2213WPB			GU2213BPB
20A DP switch + neon	GU2211WPB			GU2211BPB
20A DP switch + neon + flex outlet	GU2214WPB			GU2214BPB
20A DP switch + neon + flex outlet marked water heater	GU2214WHWPB			GU2214WHBPB
32A 1G DP switch + neon	GU4231WPB			GU4231BPB
Fused connection units		13A unswitched	GU5200WPB	GU5200BPB
		13A unswitched + flex outlet	GU5203WPB	GU5203BPB
		13A switched	GU5210WPB	GU5210BPB
		13A switched + flex outlet	GU5213WPB	GU5213BPB
		13A switched + neon	GU5211WPB	GU5211BPB
		13A switched + neon+ flex outlet	GU5214WPB	GU5214BPB

* Dependent upon wiring configuration, to aid installation 35mm flush steel boxes are recommended.




** 10A rated

Polished chrome white interior	Polished chrome black interior	Pearl nickel white interior	Stainless steel white interior	Stainless steel black interior	White metal white interior	Black nickel black interior	Mounting box depth
							
GU3250WPC	GU3250BPC	GU3250WPN	GU3250WSS	GU3250BSS	GU3250WPW	GU3250BBN	*25/35mm
GU3260WPC	GU3260BPC	GU3260WPN	GU3260WSS	GU3260BSS	GU3260WPW	GU3260BBN	*25/35mm
GU3210WPC	GU3210BPC	GU3210WPN	GU3210WSS	GU3210BSS	GU3210WPW	GU3210BBN	*25/35mm
GU3220WPC	GU3220BPC	GU3220WPN	GU3220WSS	GU3220BSS	GU3220WPW	GU3220BBN	*25/35mm
GU3211WPC	GU3211BPC	GU3211WPN	GU3211WSS	GU3211BSS	GU3211WPW	GU3211BBN	*25/35mm
GU3221WPC	GU3221BPC	GU3221WPN	GU3221WSS	GU3221BSS	GU3221WPW	GU3221BBN	*25/35mm
GU3210DWPC	GU3210DBPC	GU3210DWPN	GU3210DWSS	GU3210DBSS	GU3210DWPW	GU3210DBBN	*25/35mm
GU3220DWPC	GU3220DBPC	GU3220DWPN	GU3220DWSS	GU3220DBSS	GU3220DWPW	GU3220DBBN	*25/35mm
GU3231WPC	GU3231BPC		GU3231WSS	GU3231BSS	GU3231WPW	GU3231BBN	35mm
GU3234WPC			GU3234WSS	GU3234BSS			35mm
			GU3251WSS				*25/35mm
			GU3252WSS				25/35mm
GU3270WPC	GU3270BPC	GU3270WPN	GU3270WSS	GU3270BSS	GU3270WPW	GU3270BBN	25mm
GU3280WPC	GU3280BPC	GU3280WPN	GU3280WSS	GU3280BSS	GU3280WPW	GU3280BBN	25mm
GU3290WPC	GU3290BPC	GU3290WPN	GU3290WSS	GU3290BSS	GU3290WPW	GU3290BBN	25mm
GU1212WPC	GU1212BPC	GU1212WPN	GU1212WSS	GU1212BSS	GU1212WPW	GU1212BBN	16mm
GU1222WPC	GU1222BPC	GU1222WPN	GU1222WSS	GU1222BSS	GU1222WPW	GU1222BBN	16mm
GU1232WPC	GU1232BPC	GU1232WPN	GU1232WSS	GU1232BSS	GU1232WPW	GU1232BBN	25mm
GU1242WPC	GU1242BPC	GU1242WPN	GU1242WSS	GU1242BSS	GU1242WPW	GU1242BBN	25mm
GU1262WPC	GU1262BPC	GU1262WPN	GU1262WSS	GU1262BSS	GU1262WPW	GU1262BBN	25mm
GU1213WPC	GU1213BPC	GU1213WPN	GU1213WSS	GU1213BSS	GU1213WPW	GU1213BBN	25mm
GU1214WPC	GU1214BPC	GU1214WPN	GU1214WSS	GU1214BSS	GU1214WPW	GU1214BBN	25mm
GU1212RWPC	GU1212RBPC	GU1212RWPN	GU1212RWSS	GU1212RBSS	GU1212RWPW	GU1212RBBN	25mm
GU1212TPC	GU1212TPC	GU1212TPN	GU1212TSS	GU1212TSS	GU1212TPW	GU1212TBN	16mm
GU1222TPC	GU1222TPC	GU1222TPN	GU1222TSS	GU1222TSS	GU1222TPW	GU1222TBN	16mm
GU1232TPC	GU1232TPC	GU1232TPN	GU1232TSS	GU1232TSS	GU1232TPW	GU1232TBN	25mm
GU1242TPC	GU1242TPC	GU1242TPN	GU1242TSS	GU1242TSS	GU1242TPW	GU1242TBN	25mm
GU6211PC	GU6211PC	GU6211PN	GU6211SS	GU6211SS	GU6211PW	GU6211BN	16mm
GU6212PC	GU6212PC	GU6212PN	GU6212SS	GU6212SS	GU6212PW	GU6212BN	25mm
GU6222PC	GU6222PC	GU6222PN	GU6222SS	GU6222SS	GU6222PW	GU6222BN	25mm
GU6232PC	GU6232PC	GU6232PN	GU6232SS	GU6232SS	GU6232PW	GU6232BN	35mm
GU6242PC	GU6242PC	GU6242PN	GU6242SS	GU6242SS	GU6242PW	GU6242BN	35mm
GU6211LVPC	GU6211LVPC	GU6211LVPN	GU6211LVSS	GU6211LVSS	GU6211LVWPW	GU6211LVBN	16mm
GU6212LVPC	GU6212LVPC	GU6212LVPN	GU6212LVSS	GU6212LVSS	GU6212LVWPW	GU6212LVBN	25mm
GU6222LVPC	GU6222LVPC	GU6222LVPN	GU6222LVSS	GU6222LVSS	GU6222LVWPW	GU6222LVBN	25mm
GU6232LVPC	GU6232LVPC	GU6232LVPN	GU6232LVSS	GU6232LVSS	GU6232LVWPW	GU6232LVBN	35mm
GU6242LVPC	GU6242LVPC	GU6242LVPN	GU6242LVSS	GU6242LVSS	GU6242LVWPW	GU6242LVBN	35mm
GU6212RWPC	GU6212RBPC	GU6212RWPN	GU6212RWSS	GU6212RBSS	GU6212RWWPW	GU6212RBBN	25mm
GU6000RC1	GU6000RC1	GU6000RC1	GU6000RC1	GU6000RC1	GU6000RC1	GU6000RC1	N/A
GU2210WPC	GU2210BPC	GU2210WPN	GU2210WSS	GU2210BSS	GU2210WPW	GU2210BBN	25mm
GU2213WPC	GU2213BPC	GU2213WPN	GU2213WSS	GU2213BSS	GU2213WPW	GU2213BBN	35mm
GU2211WPC	GU2211BPC	GU2211WPN	GU2211WSS	GU2211BSS	GU2211WPW	GU2211BBN	25mm
GU2214WPC	GU2214BPC	GU2214WPN	GU2214WSS	GU2214BSS	GU2214WPW	GU2214BBN	35mm
GU2214WHWPC	GU2214WHBPC	GU2214WHWPN	GU2214WHWSS	GU2214WHBSS	GU2214WHWPW	GU2214WHBBN	35mm
GU4231WPC	GU4231BPC	GU4231WPN	GU4231WSS	GU4231BSS	GU4231WPW	GU4231BBN	47mm
GU5200WPC	GU5200BPC	GU5200WPN	GU5200WSS	GU5200BSS	GU5200WPW	GU5200BBN	25mm
GU5203WPC	GU5203BPC	GU5203WPN	GU5203WSS	GU5203BSS	GU5203WPW	GU5203BBN	35mm
GU5210WPC	GU5210BPC	GU5210WPN	GU5210WSS	GU5210BSS	GU5210WPW	GU5210BBN	35mm
GU5213WPC	GU5213BPC	GU5213WPN	GU5213WSS	GU5213BSS	GU5213WPW	GU5213BBN	35mm
GU5211WPC	GU5211BPC	GU5211WPN	GU5211WSS	GU5211BSS	GU5211WPW	GU5211BBN	35mm
GU5214WPC	GU5214BPC	GU5214WPN	GU5214WSS	GU5214BSS	GU5214WPW	GU5214BBN	35mm

Due to large plate foot print products may not be compatible with flush dual mounting boxes

		Finishes	
		Polished brass white interior	Polished brass black interior
50A control switches		50A 2G DP switch + neon	GU4221WPB GU4221BPB
45A cooker control units		45A DP cooker control unit + 13A switched socket + neon	GU4201WPB GU4201BPB
Shaver socket outlet		115/230V dual voltage	GU7290WPB GU7290BPB
Telephone and data outlets		RJ11 telephone outlet	GU7251WPB GU7251BPB
		Master telephone outlet	GU7261WPB GU7261BPB
		Secondary telephone outlet	GU7262WPB GU7262BPB
		Single RJ45 outlet	GU7271WPB GU7271BPB
TV socket outlets		Single TV/FM coaxial socket	GU7210WPB GU7210BPB
		Twin TV/FM coaxial socket	GU7220WPB GU7220BPB
		Single satellite socket	GU7230WPB GU7230BPB
Euro modular plates		1G euro plate	GU8250PB GU8250PB
		2G euro plate	GU8260PB GU8260PB
		4G euro plate	GU8280PB GU8280PB
Blank plates		1G blank plate	GU8210PB GU8210PB
		2G blank plate	GU8220PB GU8220PB
Replacement screws		M3.5 x 50mm countersunk	USCREW50PB USCREW50PB

*Dependent upon wiring configuration, to aid installation 35mm flush steel boxes are recommended.

Polished chrome white interior	Polished chrome black interior	Pearl nickel white interior	Stainless steel white interior	Stainless steel black interior	White metal white interior	Black nickel black interior	Mounting box depth
							
GU4221WPC	GU4221BPC	GU4221WPN	GU4221WSS	GU4221BSS	GU4221WPW	GU4221BBN	47mm
GU4201WPC	GU4201BPC	GU4201WPN	GU4201WSS	GU4201BSS	GU4201WPW	GU4201BBN	47mm
GU7290WPC	GU7290BPC	GU7290WPN	GU7290WSS	GU7290BSS	GU7290WPW	GU7290BBN	47mm
GU7251WPC	GU7251BPC	GU7251WPN	GU7251WSS	GU7251BSS	GU7251WPW	GU7251BBN	25mm
GU7261WPC	GU7261BPC	GU7261WPN	GU7261WSS	GU7261BSS	GU7261WPW	GU7261BBN	25mm
GU7262WPC	GU7262BPC	GU7262WPN	GU7262WSS	GU7262BSS	GU7262WPW	GU7262BBN	25mm
GU7271WPC	GU7271BPC	GU7271WPN	GU7271WSS	GU7271BSS	GU7271WPW	GU7271BBN	35mm
GU7210WPC	GU7210BPC	GU7210WPN	GU7210WSS	GU7210BSS	GU7210WPW	GU7210BBN	25mm
GU7220WPC	GU7220BPC	GU7220WPN	GU7220WSS	GU7220BSS	GU7220WPW	GU7220BBN	35mm
GU7230WPC	GU7230BPC	GU7230WPN	GU7230WSS	GU7230BSS	GU7230WPW	GU7230BBN	25mm
GU8250PC	GU8250PC	GU8250PN	GU8250SS	GU8250SS	GU8250PW	GU8250BN	**
GU8260PC	GU8260PC	GU8260PN	GU8260SS	GU8260SS	GU8260PW	GU8260BN	**
GU8280PC	GU8280PC	GU8280PN	GU8280SS	GU8280SS	GU8280PW	GU8280BN	**
GU8210PC	GU8210PC	GU8210PN	GU8210SS	GU8210SS	GU8210PW	GU8210BN	N/A
GU8220PC	GU8220PC	GU8220PN	GU8220SS	GU8220SS	GU8220PW	GU8220BN	N/A
USCREW50PC	USCREW50PC	USCREW50PN	USCREW50SS	USCREW50SS	USCREW50PW	USCREW50BN	N/A

Due to large plate foot print products may not be compatible with flush dual mounting boxes

		1	2	3	4	6	8	9	12	18	24
Flush											
Flat plate	Stainless steel	GUG01GSS	GUG02GSS	GUG03GSS	GUG04GSS	GUG06GSS	GUG08GSS	GUG09GSS	GUG12GSS	GUG18GSS	GUG24GSS
	Mirror steel	GUG01GMS	GUG02GMS	GUG03GMS	GUG04GMS	GUG06GMS	GUG08GMS	GUG09GMS	GUG12GMS	GUG18GMS	GUG24GMS
	Polished brass	GUG01GPB	GUG02GPB	GUG03GPB	GUG04GPB	GUG06GPB	GUG08GPB	GUG09GPB	GUG12GPB	GUG18GPB	GUG24GPB
	Black nickel	GUG01GBN	GUG02GBN	GUG03GBN	GUG04GBN	GUG06GBN	GUG08GBN	GUG09GBN	GUG12GBN	GUG18GBN	GUG24GBN
	Pearl nickel	GUG01GPN	GUG02GPN	GUG03GPN	GUG04GPN	GUG06GPN	GUG08GPN	GUG09GPN	GUG12GPN	GUG18GPN	GUG24GPN
	White metal	GUG01GPW	GUG02GPW	GUG03GPW	GUG04GPW	GUG06GPW	GUG08GPW	GUG09GPW	GUG12GPW	GUG18GPW	GUG24GPW
Flush mounting boxes											
		GBG01	GBG01	GBG02	GBG02	GBG03	GBG03	GBG04F	GBG04F	GBG06F	GBG06F
Dimensions		76 x 76 42mm	76 x 76 42mm	136 x 76 42mm	136 x 76 42mm	136 x 136 42mm	136 x 136 42mm	193 x 133 42mm	193 x 133 42mm	374 x 133 42mm	374 x 133 42mm



Fit installation box and mounting grid. Pull through cables, cut and strip to length.



Terminate each cable to the appropriate switch, (clear terminal markings).



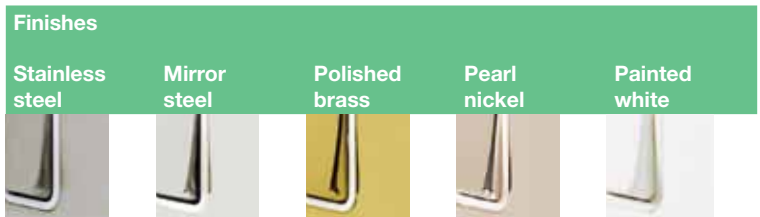
Once wired the modules, simply but securely clip into the mounting grid.



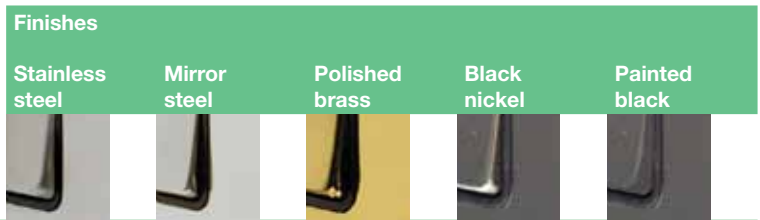
Finally after decorating, fit the cover plate.



Front plates are available in a choice of 6 finishes - Polished Brass, Mirror Steel, Stainless Steel, Pearl Nickel, Black Nickel, Painted White.



Choose module + cap to create following module		Module	Plain rocker cap				
10AX & 20AX switch component modules	10AX 1 way SP	GUG101MW	GUGRSS	GUGRMS	GUGRPB	GUGRPN	GUGRPW
	10AX 2 way SP	GUG102MW	GUGRSS	GUGRMS	GUGRPB	GUGRPN	GUGRPW
	10AX intermediate SP	GUG10IMW	GUGRSS	GUGRMS	GUGRPB	GUGRPN	GUGRPW
	20AX 1 way SP	GUG201MW	GUGRSS	GUGRMS	GUGRPB	GUGRPN	GUGRPW
	20AX 2 way and off SP	GUG2020MW	GUGRSS	GUGRMS	GUGRPB	GUGRPN	GUGRPW
	20AX 2 way SP	GUG202MW	GUGRSS	GUGRMS	GUGRPB	GUGRPN	GUGRPW
	20AX DP	GUG20DPMW	GUGRSS	GUGRMS	GUGRPB	GUGRPN	GUGRPW
Choose module + cap to create following module		Module	Plain rocker cap				
20AX DP printed switch component modules	Marked boiler	GUG20DPMW	GUGRBOSS	GUGRBOMS	GUGRBOPB	GUGRBOPN	GUGRBOPW
	Marked cooker hood	GUG20DPMW	GUGRCHSS	GUGRCHMS	GUGRCHPB	GUGRCHPN	GUGRCHPW
	Marked dish washer	GUG20DPMW	GUGRDWSS	GUGRDWMS	GUGRDWPB	GUGRDWPN	GUGRDWPW
	Marked extractor fan	GUG20DPMW	GUGREFSS	GUGREFMS	GUGREFPB	GUGREFPN	GUGREFPW
	Marked fridge	GUG20DPMW	GUGRFRSS	GUGRFRMS	GUGRFRPB	GUGRFRPN	GUGRFRPW
	Marked fan	GUG20DPMW	GUGRFASS	GUGRFAMS	GUGRFAPB	GUGRFAPN	GUGRFAPW
	Marked freezer	GUG20DPMW	GUGRFZSS	GUGRFZMS	GUGRFZPB	GUGRFZPN	GUGRFZPW
	Marked fridge/freezer	GUG20DPMW	GUGRFRFZSS	GUGRFRFZMS	GUGRFRFZPB	GUGRFRFZPN	GUGRFRFZPW
	Marked hob	GUG20DPMW	GUGRHOSS	GUGRHOMS	GUGRHOPB	GUGRHOPN	GUGRHOPW
	Marked heater	GUG20DPMW	GUGRHESS	GUGRHEMS	GUGRHEPB	GUGRHEPN	GUGRHEPW
	Marked microwave	GUG20DPMW	GUGRMWSS	GUGRMWMS	GUGRMWPB	GUGRMWPN	GUGRMWPW
	Marked oven	GUG20DPMW	GUGROVSS	GUGROVMS	GUGROVPB	GUGROVPN	GUGROVPW
	Marked tumble dryer	GUG20DPMW	GUGRTDSS	GUGRTDMS	GUGRTDPB	GUGRTDPN	GUGRTDPW
	Marked washer dryer	GUG20DPMW	GUGRDWYSS	GUGRDWYMS	GUGRDWYPB	GUGRDWYPN	GUGRDWYPW
	Marked waste disposal	GUG20DPMW	GUGRWDSS	GUGRWDMS	GUGRWDPB	GUGRWDPN	GUGRWDPW
	Marked washing machine	GUG20DPMW	GUGRWMSS	GUGRWMS	GUGRWMPB	GUGRWMPN	GUGRWMPW
	6AX & 10AX modules	6AX 2 way retractive and centre off switch module	GUG202OCWSS	GUG202OCWMS	GUG202OCWPB	GUG202OCWPN	GUG202OCWPW
10AX 2 way retractive switch module		GUG102RWSS	GUG102RWMS	GUG102RWPB	GUG102RWPN	GUG102RWPW	
10AX 2 way toggle switch module		GUG102TWSS	GUG102TWMS	GUG102TWPB	GUG102TWPN	GUG102TWPW	
10AX intermediate toggle switch module		GUG10ITWSS	GUG10ITWMS	GUG10ITWPB	GUG10ITWPN	GUG10ITWPW	
20AX DP key switch module		GUG20DPKWSS	GUG20DPKWMS	GUG20DPKWPB	GUG20DPKWPN	GUG20DPKWPPW	
20AX secret key modules	20AX 2 way key switch module	GUG202KWSS	GUG202KWMS	GUG202KWPB	GUG202KWPN	GUG202KWPPW	
	20AX 2 way key switch module marked EMG.LTG	GUG202KELWSS	GUG202KELWMS	GUG202KELWPB	GUG202KELWPN	GUG202KELWPPW	
	Master telephone outlet	GUGTELMWSS	GUGTELMWMS	GUGTELMWPB	GUGTELMWPN	GUGTELMWPPW	
Communication modules	Secondary telephone outlet	GUGTELSWSS	GUGTELSWMS	GUGTELSWPB	GUGTELSWPN	GUGTELSWPPW	
	Single RJ11 data outlet	GUGRJ11WSS	GUGRJ11WMS	GUGRJ11WPB	GUGRJ11WPN	GUGRJ11WPPW	
	Single RJ45 data outlet	GUGRJ45WSS	GUGRJ45WMS	GUGRJ45WPB	GUGRJ45WPN	GUGRJ45WPPW	
	Single TV/FM coaxial	GUGCOWSS	GUGCOWMS	GUGCOWPB	GUGCOWPN	GUGCOWPPW	
	Single satellite	GUGSATWSS	GUGSATWMS	GUGSATWPB	GUGSATWPN	GUGSATWPPW	
	Electronic dimmer	Electronic 300W/VA 2 way & multiway standard dimmer module	GUGEMDIMWSS16	GUGEMDIMWMS16	GUGEMDIMWPPB16	GUGEMDIMWPPN16	GUGEMDIMWPPW16
Electronic 300W/VA infra red dimmer module		GUGEMRDIMW16	GUGEMRDIMWMS16	GUGEMRDIMWPPB16	GUGEMRDIMWPPN16	GUGEMRDIMWPPW16	
2 way retractive switch		GUGEMWWSS16	GUGEMWWMS16	GUGEMWWPPB16	GUGEMWWPPN16	GUGEMWWPPW16	
1 channel remote control		GU6000RC116	GU6000RC116	GU6000RC116	GU6000RC116	GU6000RC116	
Connection unit & flex outlet	13A fused connection unit module	GUG13FCUWSS	GUG13FCUWMS	GUG13FCUWPB	GUG13FCUWPN	GUG13FCUWPPW	
	Flex outlet (10mm dia)	GUG16COWSS	GUG16COWMS	GUG16COWPB	GUG16COWPN	GUG16COWPPW	
Blank modules	Blank module metal finish	GUGBWSS	GUGBWMS	GUGBWPB	GUGBWPN	GUGBWPW	
	Blank module plastic	GUGWB					
Indicator modules	Red neon indicator module	GUGINDWR					
	Orange neon indicator module	GUGINDWO					
	Green neon indicator module	GUGINDWG					
Spares	Hex screws (plate to grid)		UHEXSSS	UHEXSMS	UHEXSPB	UHEXSPN	UHEXSPW
	Hex screw key	GUGSHK					
	Key switch module spare key	GUGKSK					
	Additional Earth terminal	GGTKIT					



Choose module + cap to create following module		Module	Plain rocker cap					
10AX & 20AX switch component modules		10AX 1 way SP	GUG101MB	GUGRSS	GUGRMS	GUGRPB	GUGRBN	GUGRBLK
		10AX 2 way SP	GUG102MB	GUGRSS	GUGRMS	GUGRPB	GUGRBN	GUGRBLK
		10AX intermediate SP	GUG10IMB	GUGRSS	GUGRMS	GUGRPB	GUGRBN	GUGRBLK
		20AX 1 way SP	GUG201MB	GUGRSS	GUGRMS	GUGRPB	GUGRBN	GUGRBLK
		20AX 2 way and off SP	GUG2020MB	GUGRSS	GUGRMS	GUGRPB	GUGRBN	GUGRBLK
		20AX 2 way SP	GUG202MB	GUGRSS	GUGRMS	GUGRPB	GUGRBN	GUGRBLK
		20AX DP	GUG20DPMB	GUGRSS	GUGRMS	GUGRPB	GUGRBN	GUGRBLK
Choose module + cap to create following module		Module						
20AX DP printed switch component modules		Marked boiler	GUG20DPMB	GUGRBOSS	GUGRBOMS	GUGRBOPB	GUGRBOBN	GUGRBOBLK
		Marked cooker hood	GUG20DPMB	GUGRCHSS	GUGRCHMS	GUGRCHPB	GUGRCHBN	GUGRCHBLK
		Marked dish washer	GUG20DPMB	GUGRDWSS	GUGRDWMS	GUGRDWPB	GUGRDWBN	GUGRDWBLK
		Marked extractor fan	GUG20DPMB	GUGREFSS	GUGREFMS	GUGREFPB	GUGREFBN	GUGREFBLK
		Marked fridge	GUG20DPMB	GUGRFRSS	GUGRFRMS	GUGRFRPB	GUGRFRBN	GUGRFRBLK
		Marked fan	GUG20DPMB	GUGRFASS	GUGRFAMS	GUGRFAPB	GUGRFABN	GUGRFABLK
		Marked freezer	GUG20DPMB	GUGRFZSS	GUGRFZMS	GUGRFZPB	GUGRFZBN	GUGRFZBLK
		Marked fridge/freezer	GUG20DPMB	GUGRFRFZSS	GUGRFRFZMS	GUGRFRFZPB	GUGRFRFZBN	GUGRFRFZBLK
		Marked hob	GUG20DPMB	GUGRHOSS	GUGRHOMS	GUGRHOPB	GUGRHOBN	GUGRHOBLK
		Marked heater	GUG20DPMB	GUGRHESS	GUGRHEMS	GUGRHEPB	GUGRHEBN	GUGRHEBLK
		Marked microwave	GUG20DPMB	GUGRMWSS	GUGRMWMS	GUGRMWPB	GUGRMWBN	GUGRMWBLK
		Marked oven	GUG20DPMB	GUGROVSS	GUGROVMS	GUGROVPB	GUGROVBN	GUGROVBLK
		Marked tumble dryer	GUG20DPMB	GUGRTDSS	GUGRTDMS	GUGRTDPB	GUGRTDBN	GUGRTDBLK
		Marked washer dryer	GUG20DPMB	GUGRDWYSS	GUGRDWYMS	GUGRDWYPB	GUGRDWYBN	GUGRDWYBLK
		Marked waste disposal	GUG20DPMB	GUGRWDS	GUGRWDMMS	GUGRWDPB	GUGRWDBN	GUGRWDBLK
		Marked washing machine	GUG20DPMB	GUGRWMSS	GUGRWMS	GUGRWMPB	GUGRWMBN	GUGRWMBLK
6AX & 10AX modules		6AX 2 way retractive and centre off switch module	GUG202OCBSS	GUG202OCBMS	GUG202OCBPB	GUG202OCBBN	GUG202OCBLK	
		10AX 2 way retractive switch module	GUG102RBSS	GUG102RBMS	GUG102RBPB	GUG102RBBN	GUG102RBLK	
		10AX 2 way toggle switch module	GUG102TBSS	GUG102TBMS	GUG102TBPB	GUG102TBBN		
		10AX intermediate toggle switch module	GUG10ITBSS	GUG10ITBMS	GUG10ITBPB	GUG10ITBBN		
20AX secret key modules		20AX DP key switch module	GUG20DPKBSS	GUG20DPKBMS	GUG20DPKBPB	GUG20DPKBBN	GUG20DPKBLK	
		20AX 2 way key switch module	GUG202KBSS	GUG202KBMS	GUG202KBPB	GUG202KBBN	GUG202KBLK	
		20AX 2 way key switch module marked EMG.LTG	GUG202KELBSS	GUG202KELBMS	GUG202KELBPB	GUG202KELBBN	GUG202KELBLK	
Communication modules		Master telephone outlet	GUGTELMBSS	GUGTELMBMS	GUGTELMBPB	GUGTELMBBN	GUGTELMBLK	
		Secondary telephone outlet	GUGTELSBSS	GUGTELSBMS	GUGTELSBPB	GUGTELSBBN	GUGTELSBLK	
		Single RJ11 data outlet	GUGRJ11BSS	GUGRJ11BMS	GUGRJ11BPB	GUGRJ11BBN	GUGRJ11BLK	
		Single RJ45 data outlet	GUGRJ45BSS	GUGRJ45BMS	GUGRJ45BPB	GUGRJ45BBN	GUGRJ45BLK	
		Single TV/FM coaxial	GUGCOBSS	GUGCOBMS	GUGCOBPB	GUGCOBBN	GUGCOBLK	
		Single satellite	GUGSATBSS	GUGSATBMS	GUGSATBPB	GUGSATBBN	GUGSATBLK	
Electronic dimmer		Electronic 300W/VA 2 way & multiway standard dimmer module	GUGEMDIMBSS16	GUGEMDIMBMS16	GUGEMDIMBPB16	GUGEMDIMBBN16		
		Electronic 350W/VA infra red dimmer module	GUGEMRDMB16	GUGEMRDMBMS16	GUGEMRDMBPB16	GUGEMRDMBBN16		
		2 way retractive switch	GUGEMWBSS16	GUGEMWBMS16	GUGEMWBPB16	GUGEMWBBN16		
		1 channel remote control	GU6000RC116	GU6000RC116	GU6000RC116	GU6000RC116		
Connection unit & flex outlet		13A fused connection unit module	GUG13FCUBSS	GUG13FCUBMS	GUG13FCUBPB	GUG13FCUBBN	GUG13FCUBLK	
		Flex outlet (10mm dia)	GUG16COBSS	GUG16COBMS	GUG16COBPB	GUG16COBBN	GUG16COBLK	
Blank modules		Blank module metal finish	GUGBBSS	GUGBBMS	GUGBBPB	GUGBBBN		
		Blank module plastic	GUGBB					
Indicator modules		Red neon indicator module	GUGINDBR					
		Orange neon indicator module	GUGINDBO					
		Green neon indicator module	GUGINDBG					
Spares		Hex screws (plate to grid)						
		Hex screw key	GUGSHK					
		Key switch module spare key	GUGKSK					
		Additional Earth terminal	GGTKIT					



GU3250WSS

13A unswitched sockets

- Dimensions: 88 x 88mm (1 gang), 88 x 148mm (2 gang)
- Mounting box:
 - SB251 (F) 1 gang
 - SB351 (F) 1 gang
 - SB252 (F) 2 gang
 - SB352 (F) 2 gang
- Fix screws: M3.5 x 25mm and 30mm
- BS 1363

Part number	Description	Qty
GU3250***	1 gang	1
GU3260***	2 gang	1



GU3220WPC

13A switched sockets

- Dimensions: 88 x 88mm (1 gang), 88 x 148mm (2 gang)
- Mounting box:
 - SB251 (F) 1 gang
 - SB351 (F) 1 gang
 - SB252 (F) 2 gang
 - SB352 (F) 2 gang
- Fix screws: M3.5 x 25mm and 30mm
- BS 1363

Part number	Description	Qty
GU3210***	1 gang switched	1
GU3211***	1 gang switched with neon	1
GU3220***	2 gang switched	1
GU3221***	2 gang switched with neons	1
GU3210D***	1 gang DP switched	1
GU3220D***	2 gang DP switched	1



GU3234WSS

13A DP outboard rocker switched socket outlet

- Dimensions: 88 x 88mm
- Mounting box:
 - SB252 (F)
 - SB352 (F)
- Fixed screws: M3.5 x 25mm and 30mm
- BS 1363

Part number	Description	Qty
GU3231***	2 gang switched with clean earth	1
GU3234***	2 gang switched with clean earth non standard and neons	1



GU3280WPB

Round pin socket outlets

- Dimensions: 88 x 88mm
- Mounting box: SB251 (F)
- Fixed screws: M3.5 x 25mm and 30mm
- BS 546

Part number	Description	Qty
GU3270***	2A unswitched	1
GU3280***	5A unswitched	1
GU3290***	15A switched	1

Note: All 2 gang sockets include twin earth terminals as standard, enabling high integrity earthing. To aid flush installation 35mm steel boxes are recommended. (BS 7671).

Note Replace *** with suffix code to denote finish/interior colour required:

WSS Stainless steel with white interior	WPN Pearl nickel with white interior	BPC Polished chrome with black interior
BSS Stainless steel with black interior	BPB Polished brass with black interior	WPC Polished chrome with white interior
WPW Painted white with white interior	WPB Polished brass with white interior	BBN Black nickel with black interior



GU3251WSS

13A floor sockets

- Dimensions: 88 x 88mm (1 gang), 88 x 148mm (2 gang)
- Mounting box:
 - SB251 (F) 1 gang
 - SB351 (F) 1 gang
 - SB252 (F) 2 gang
 - SB352 (F) 2 gang
- Fixed screws: M3.5 x 25mm and 30mm
- BS 1363

Part number	Description	Qty
GU3251W**	1 gang unswitched	1
GU3252W**	2 gang unswitched	1

Floor socket interiors are manufactured from high impact thermoplastic for strength.



GU1212BSS

16AX plate switches

- Dimensions: 88 x 88mm (1-3 gang), 88 x 148mm (4-6 gang)
- Mounting box: See selection table
- Fix screws: M3.5 x 25mm and 30mm
- BS EN 60669-1
- BS EN 60947-3 (GU1213***)

Part number	Description	Qty
GU1212***	1 gang 2 way SP	1
GU1212R***	*1 gang 2 way retractive	1
GU1222***	2 gang 2 way SP	1
GU1232***	3 gang 2 way SP	1
GU1242***	4 gang 2 way SP	1
GU1262***	6 gang 2 way SP	1
GU1213***	**3 pole isolator	1
GU1214***	1 gang intermediate	1

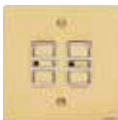


GU1212TBN

10AX toggle switches

- Dimensions: 88 x 88mm (1-3 gang), 88 x 148mm (4 gang)
- Mounting box:
 - SB161 (F) 1-2 gang
 - SB251 (F) 3 gang
 - SB252 (F) 4 gang
- Fix screws: M3.5 x 25mm and 30mm
- BS EN 60669-1

Part number	Description	Qty
GU1212T**	1 gang 2 way	1
GU1222T**	2 gang 2 way	1
GU1232T**	3 gang 2 way	1
GU1242T**	4 gang 2 way	1



GU6222EWPB



GU6000RC1

Electronic dimmers



- Dimensions: 88 x 88mm
- Mounting box: Min SB251
- Fix screws: M3.5 x 25mm and 30mm
- BS EN 60669-2-1
- IR remote unit requires remote control (GU6000RC1)
- All dimmers can be installed on 2 way and multiway circuits
- For 2 way operating remote switch must be changed for retractive switch
- For lamp suitability check the technical section

Part number	Description	Qty
GU6212R***	1 gang slimline IR remote control 300VA	1
GU6000RC1	1 channel IR remote control	1

Note: Electronic dimmers are not suitable for use with CFL and LED lamps.

* 16A rated

** 10A rated



Mains and low voltage dimmer switches

- Dimensions: 88 x 88mm (1-2 gang), 88 x 148mm (3-4 gang)
- Mounting box:
 - SB251 (F) 1-2 gang
 - SB352 (F) 3-4 gang
- Fix screws: M3.5 x 25mm and 30mm
- BS EN 60669-2-1
- Supplied with 15mm & 30mm screws



GU6222PB



GU6242LVPC

Part number	Description	Qty
Mains		
GU6211**	1 gang 1 way 400W*	1
GU6212**	1 gang 2 way 400W	1
GU6222**	2 gang 2 way 250W	1
GU6232**	3 gang 2 way 250W	1
GU6242**	4 gang 2 way 250W	1

Low voltage

GU6211LV**	1 gang 1 way 400VA*	1
GU6212LV**	1 gang 2 way 400VA	1
GU6222LV**	2 gang 2 way 250VA	1
GU6232LV**	3 gang 2 way 250VA	1
GU6242LV**	4 gang 2 way 250 VA	1

*1 way dimmers can be used to replace standard wall switches and retrofit into 16mm mounting box
 Mains dimmer switches are not suitable on low voltage circuits. See technical section.

20A & 32A DP switches

- Dimensions: 88 x 88mm
- Mounting box: SB351 (F)
- Fix screws: M3.5 x 25mm and 30mm
- BS EN 60669-1



GU2211WPB

Part number	Description	Qty
GU2210***	20A DP switch	1
GU2211***	20A DP switch with neon	1
GU2213***	20A DP switch with flex outlet	1
GU2214***	20A DP switch with neon and flex outlet	1
GU2214WH***	20A DP switch with neon and flex outlet marked water heater	1
GU4231***	32A 1 gang DP switch with neon	1

Note Replace *** with suffix code to denote finish/interior colour required:

Note Replace ** with suffix code to denote finish colour required:

WSS Stainless steel with white interior	WPN Pearl nickel with white interior	BPC Polished chrome with black interior
BSS Stainless steel with black interior	BPB Polished brass with black interior	WPC Polished chrome with white interior
WPW Painted white with white interior	WPB Polished brass with white interior	BBN Black nickel with black interior



GU5214WPN

13A fused connection units

- Dimensions: 88 x 88mm
- Mounting box:
 - Unswitched SB251 (F)
 - Switched SB351 (F)
- Fix screws: M3.5 x 25mm and 30mm
- BS 1363

Part number	Description	Qty
GU5200***	Unswitched	1
GU5203***	Unswitched with flex outlet	1
GU5210***	DP switched	1
GU5211***	DP switched with neon	1
GU5213***	DP switched with flex outlet	1
GU5214***	DP switched with neon and flex outlet	1



GU4221BPB

50A DP switches

- Dimensions: 148 x 88mm
- Mounting box: SB472 (F)
- Fix screws: M3.5 x 25mm and 30mm
- BS EN 60669-1

Part number	Description	Qty
GU4221***	50A 2 gang DP switch with neon	1



GU4201WPN

45A DP cooker controls

- Dimensions: 88 x 148mm
- Mounting box: SB472 (F)
- Fix screws: M3.5 x 25mm and 30mm
- BS 4177

Part number	Description	Qty
GU4201***	45A DP cooker control unit and 13A switched socket with neons	1



GU7290WPN

Shaver sockets

- Dimensions: 148 x 88mm
- Mounting box: SB472 (F)
- Fix screws: M3.5 x 25mm and 30mm
- Unique 47mm flush fitting
- BS EN 61558-2-5

Part number	Description	Qty
GU7290***	115/230V dual voltage	1

Note Replace *** with suffix code to denote finish/interior colour required:

WSS Stainless steel with white interior

BSS Stainless steel with black interior

WPW Painted white with white interior

WPN Pearl nickel with white interior

BPB Polished brass with black interior

WPB Polished brass with white interior

BPC Polished chrome with black interior

WPC Polished chrome with white interior

BBN Black nickel with black interior



GU7262BBN

Telephone & data outlets

- Dimensions: 88 x 88mm
- Mounting box:
 - SB251 (F)
 - SB351 (F)
- Fix screws: M3.5 x 25mm and 30mm
- BS EN 41003
- Refer to euro modular range for further combinations

Part number	Description	Qty
GU7251***	Single RJ11 outlet	1
GU7261***	Single telephone master	1
GU7262***	Single telephone secondary	1
GU7271***	Single RJ45 outlet	1



GU7210WPN

TV outlets

- Dimensions: 88 x 88mm
- Mounting box: SB351 (F) 1-2 gang
- Fix screws: M3.5 x 25mm and 30mm
- Products are direct connection and are not suitable for common connection.
- BS 3041 (where applicable)

Part number	Description	Qty
GU7210***	Single TV/FM socket	1
GU7220***	Twin TV/FM socket	1
GU7230***	Single SAT socket	1



GU8210SS

Blank plates & replacement screws

- Dimensions: 88 x 88mm (1 gang), 88 x 148mm (2 gang)
- Fix screws: M3.5 x 25mm and 30mm
- BS 5733

Part number	Description	Qty
GU8210**	1 gang	1
GU8220**	2 gang	1
USCREW50**	Ultimate screw - M3.5 x 50mm	100

Note Replace *** with suffix code to denote finish/interior colour required:

- | | | |
|--|---|--|
| WSS Stainless steel with white interior | WPN Pearl nickel with white interior | BPC Polished chrome with black interior |
| BSS Stainless steel with black interior | BPB Polished brass with black interior | WPC Polished chrome with white interior |
| WPW Painted white with white interior | WPB Polished brass with white interior | BBN Black nickel with black interior |



GU8450PC

Euro modular plates

- Dimensions: 88 x 88mm (1-2 gang), 88 x 148mm (4 gang)
- Mounted grid supplied with frame
- Refer to module for appropriate mounting box depth

Part number	Description	Qty
GU8250**	1 gang euro modular plate	1
GU8260**	2 gang euro modular plate	1
GU8280**	4 gang euro modular plate	1



GUE7081B

Euro modules

- Dimensions: 25 x 50mm (single), 50 x 50mm (double)
- Mounting box:
 - 1 module: SB251 (F) 1 gang
SB252 (F) 2 gang
 - 2 module: SB351 (F) 1 gang
SB352 (F) 2 gang

Part number	Description	Module size	Qty
GUE7010*	TV/Radio diplexer	2	1
GUE7011*	Single IEC coax (female)	1	1
GUE7012*	Single IEC coax (male)	1	1
GUE7030*	Single F type sat	1	1
GUE7040*	TV/Sat diplexer	2	1
GUE7081*	TV/FM/Sat triplexer	2	1
GUE7082*	TV/FM/Sat 1/Sat quadplexer	2	1
GUE7020*	HDMI	2	1
GUE7051*	RJ11 modem	1	1
GUE7061*	Telephone (BT master)	1	1
GUE7062*	Telephone (BT secondary)	1	1
GUE7071*	RJ45 CAT5e (not screened)	1	1
GUE7072*	RJ45 CAT6 (not screened)	1	1
GUE7075*	VGA	1	1
GUE7091*	LexCom Performance outlet	1	8
GUE7000*	2 x Phono socket	1	1
GUE7001*	2 x Loudspeaker socket	1	1
GUE8010*	Blank module	1	5



GUE7020B



GUE7072W

Grid plate

Part number	Description	Dimensions	Qty
GUG01G**	1 gang	88 x 88mm	1
GUG02G**	2 gang	88 x 88mm	1
GUG03G**	3 gang	88 x 148mm	1
GUG04G**	4 gang	88 x 148mm	1
GUG06G**	6 gang	156 x 156mm	1
GUG08G**	8 gang	156 x 156mm	1
GUG09G**	9 gang	216 x 156mm	1
GUG12G**	12 gang	216 x 156mm	1
GUG18G**	18 gang	398 x 156mm	1
GUG24G**	24 gang	398 x 156mm	1



GUG09GSS

Note Replace ** with suffix code to denote plate finish required:

SS Stainless steel
 PN Pearl nickel

PC Polished chrome
 BN Black nickel

PB Polished brass
 PW White metal

Note Replace * with suffix code to denote module colour required:

W White

B Black



Select required switch module and rocker cap



Snap rocker cap onto module



Module is now complete and ready to use

10AX & 20AX switch metal modules

- 10AX & 20AX switch modules available in black or white
- Rocker caps available in all metal finishes
- Pre printed rocker caps
- Clear terminal marking printed onto grey back mouldings ensures easy identification
- Easy assembly
- BS EN 60669-1

Part number	Description	Qty
Switch modules		
White surround		
GUG101MW	10AX 1 way SP	1
GUG102MW	10AX 2 way SP	1
GUG101MW	10AX intermediate SP	1
GUG201MW	20AX 1 way SP	1
GUG202MW	20AX 2 way and off SP	1
GUG202MW	20AX 2 way SP	1
GUG20DPMW	20AX DP	1

Black surround		
GUG101MB	10AX 1 way SP	1
GUG102MB	10AX 2 way SP	1
GUG101MB	10AX intermediate SP	1
GUG201MB	20AX 1 way SP	1
GUG202MB	20AX 2 way and off SP	1
GUG202MB	20AX 2 way SP	1
GUG20DPMB	20AX DP	1

Part number	Description	Qty
Metal rocker caps		
GUGR**	Plain rocker cap	6
GUGRBO**	Marked boiler	6
GUGRCH**	Marked cooker hood	6
GUGRDW**	Marked dish washer	6
GUGREF**	Marked extractor fan	6
GUGRFR**	Marked fridge	6
GUGRFA**	Marked fan	6
GUGRFZ**	Marked freezer	6
GUGRFRFZ**	Marked fridge/freezer	6
GUGRHO**	Marked hob	6
GUGRHE**	Marked heater	6
GUGRMW**	Marked microwave	6
GUGROV**	Marked oven	6
GUGRTD**	Marked tumble dryer	6
GUGRWDY**	Marked washer dryer	6
GUGRWD**	Marked waste disposal	6
GUGRWM**	Marked washing machine	6

Note Replace ** with suffix code to denote finish/interior colour required

- | | |
|---------------------------|-------------------------|
| SS Stainless steel | PN Pearl nickel |
| PC Polished chrome | BN Black nickel |
| PB Polished brass | PW Painted white |
| BLK Painted black | |



GUG20DPKWPW

6AX, 10AX & 20AX switch modules

■ BS EN 60669-1

Part number	Description	Qty
GUG202OC***	6AX 2 way retractive and centre off	1
GUG2020***	6AX 2 way and centre off	1
GUG102R***	10AX 2 way retractive SP	1
GUG102T***	10AX 2 way SP toggle switch	1
GUG10IT***	10AX intermediate toggle	1
GUG20DPK***	20A 1 way DP key operated	1
GUG202K***	20AX 2 way key operated	1
GUG202KEL***	20AX 2 way key operated marked emergency lighting	1



GUGTELMWSS

Communication modules

- Full metal surround on all modules
- Easy to fit front locking modules
- BS EN 3041 (where applicable)

Part number	Description	Qty
GUGTELM***	BT master telephone	1
GUGTELS***	BT secondary telephone	1
GUGRJ11***	RJ11 telephone	1
GUGRJ45***	RJ45 data	1
GUGCO***	Direct coaxial TV	1
GUGSAT***	F type satellite	1

Note Replace *** with suffix code to denote finish/interior colour required

Note Replace ** with suffix code to denote finish required

WSS Stainless steel with white interior
BSS Stainless steel with black interior
WPW Painted white with white interior
BLK Painted black with black interior

WPN Pearl nickel with white interior
BPB Polished brass with black interior
WPB Polished brass with white interior

BMS Mirror steel with black interior
WMS Mirror steel with white interior
BBN Black nickel with black interior



GUGEMDIMWPB16

Electronic dimmer modules

- Electronic modules are capable of 2 way or multiway dimming
- For lamp suitability check the technical section
- Min load 60W/50VA
- Retractive switch for use with electronic dimmers only
- Not compatible with moulded grid plates
- Modules will require derating when used in multi-gang applications

Part number	Description	Qty
GUGEMDIM***16	300W/VA universal multiway touch dimmer module	1
GUGEMRDIMW16/B16	300W/VA universal multiway touch dimmer module with infra red remote option (black or white)	1
GUGEMW***	2 way & multiway retractive switch*	1
GUG6000RC1	1 channel IR remote control	1

*50mA max rating



GUG13FCUWMS

Fuse connections & flex outlets

- Full metal surround on all modules
- Modules are completely interchangeable
- BS 1363
- BS 5733

Part number	Description	Qty
GUG13FCU***	13A fuse carrier	1
GUG16CO***	Flex outlet up to 10mm ø	1
GUGBW	White moulded blank	1
GUGBB	Black moulded blank	1
GUGB***	Metal finish blank plate	1



GUGINDWG

Indicator modules

- 240V
- BS 5733

Part number	Description	Qty
White		
GUGINDWG	Green indicator	1
GUGINDWO	Orange Indicator	1
GUGINDWR	Red indicator	1
Black		
GUGINDBG	Green indicator	1
GUGINDBO	Orange Indicator	1
GUGINDBR	Red indicator	1

Note Replace *** with suffix code to denote finish/interior colour required

- | | | |
|--|---|---|
| WSS Stainless steel with white interior | WPN Pearl nickel with white interior | BMS Mirror steel with black interior |
| BSS Stainless steel with black interior | BPB Polished brass with black interior | WMS Mirror steel with white interior |
| WPW Painted white with white interior | WPB Polished brass with white interior | BBN Black nickel with black interior |
| BLK Painted black with black interior | | |



Ultimate low profile

The Ultimate range is complemented with the addition of the low profile range. Smooth curved lines with a slim profile and minimal back projection makes an ideal upgrade from white moulded accessories.

Low profile accessories are available in a choice of brushed or polished chrome, with either black or white interiors. The range includes low profile grid plates.

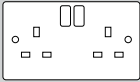

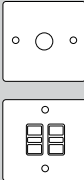


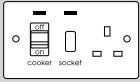
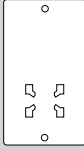


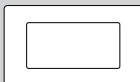
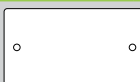
Features & benefits:

Consumer

- > Large plate footprint avoids the need for additional decorating on retrofits
- > Consistent profile allows accessories to be mounted adjacently
- > Colour matched flat headed screws and eyelets add that finishing touch
- > Slimline, compact neons for a subtle effect

Installer

- > Full 16AX fluorescent rating on all plate switches
- > Minimal back projection to allow installation using standard flush mounting boxes for both new and retrofits
- > Smooth tactile switch action incorporating positive drive switch mechanism
- > Metal capped fuse carriers provide more visible metal on the plate
- > Accessories supplied with both long and short screws for installation flexibility
- > Large in-line angled colour coded terminals to aid cable insertion and selection
- > 50A rated plateswitches for switching appliances with higher current ratings, such as heaters, cookers and commercial refrigerating units

13A socket outlets 	1G 13A switched
	2G 13A switched
	2G O/B switched
	5A unswitched round pin
16AX plateswitches 	1G 2W switch
	2G 2W switch
	3G 2W switch
	4G 2W switch
	**1G TP isolator
Dimmer switches 	1G 2W 400W mains
	2G 2W 250W mains
	3G 2W 250W mains
20A DP plateswitches	20A DP switch + flex outlet
	20A DP switch + neon
13A fused connection units 	13A unswitched
	13A switched
	13A switched + neon
	13A switched + neon+ flex outlet
50A DP switches 	50A 2G DP switch + neon
45A DP cooker controls 	45A DP cooker control unit + 13A switched socket + neon
Shaver sockets 	115/230V dual voltage
Telephone & data outlets 	Master telephone outlet
	Secondary telephone outlet
TV outlets 	Single TV/FM coaxial socket
Euro modular plates 	1G euro plate
	2G euro plate
	4G euro plate
Blank plates 	1G blank plate
	2G blank plate

* Dependent upon wiring configuration, to aid installation 35mm flush steel boxes are recommended
** 10A rated

Finishes

Polished chrome
white interior



Polished chrome
black interior



Brushed chrome
white interior















Brushed chrome
black interior



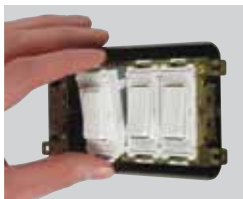
Mounting box depth

GU3510WPC	GU3510BPC	GU3510WBC	GU3510BBC	*25/35mm
GU3520WPC	GU3520BPC	GU3520WBC	GU3520BBC	*25/35mm
			GU3530BBC	*25/35mm
GU3580WPC	GU3580BPC	GU3580WBC	GU3580BBC	25mm
GU1512WPC	GU1512BPC	GU1512WBC	GU1512BBC	16mm
GU1522WPC	GU1522BPC	GU1522WBC	GU1522BBC	16mm
GU1532WPC	GU1532BPC	GU1532WBC	GU1532BBC	25mm
GU1542WPC	GU1542BPC	GU1542WBC	GU1542BBC	25mm
GU1513WPC	GU1513BPC	GU1513WBC	GU1513BBC	25mm
GU1514WPC	GU1514BPC	GU1514WBC	GU1514BBC	25mm
GU6512WPC	GU6512BPC	GU6512WBC	GU6512BBC	25mm
GU6522WPC	GU6522BPC	GU6522WBC	GU6522BBC	25mm
GU6532WPC	GU6532BPC	GU6532WBC	GU6532BBC	35mm
GU2513WPC	GU2513BPC	GU2513WBC	GU2513BBC	35mm
GU2511WPC	GU2511BPC	GU2511WBC	GU2511BBC	35mm
GU5500WPC	GU5500BPC	GU5500WBC	GU5500BBC	25mm
GU5510WPC	GU5510BPC	GU5510WBC	GU5510BBC	35mm
GU5511WPC	GU5511BPC	GU5511WBC	GU5511BBC	35mm
GU5514WPC	GU5514BPC	GU5514WBC	GU5514BBC	35mm
GU4521WPC	GU4521BPC	GU4521WBC	GU4521BBC	35mm
GU4501WPC	GU4501BPC	GU4501WBC	GU4501BBC	47mm
GU7590WPC	GU7590BPC	GU7590WBC	GU7590BBC	47mm
GU7561WPC	GU7561BPC	GU7561WBC	GU7561BBC	*25/35mm
GU7562WPC	GU7562BPC	GU7562WBC	GU7562BBC	*25/35mm
GU7510WPC	GU7510BPC	GU7510WBC	GU7510BBC	25mm
GU8550PC	GU8550PC	GU8550BC	GU8550BC	**
GU8560PC	GU8560PC	GU8560BC	GU8560BC	**
GU8580PC	GU8580PC	GU8580BC	GU8580BC	**
GU8510PC	GU8510PC	GU8510BC	GU8510BC	N/A
GU8520PC	GU8520PC	GU8520BC	GU8520BC	N/A

Due to large plate foot print products may not be compatible with flush dual mounting boxes

		1	2	3	4	6	8
							
Flush							
Low profile	Brushed chrome	GUGL01BC	GUGL02BC	GUGL03BC	GUGL04BC	GUGL06BC	GUGL08BC
	Polished chrome	GUGL01PC	GUGL02PC	GUGL03PC	GUGL04PC	GUGL06PC	GUGL08PC
Flush mounting boxes							
		GBG01	GBG01	GBG02	GBG02	GBG03	GBG03
Dimensions		76 x 76 42mm	76 x 76 42mm	136 x 76 42mm	136 x 76 42mm	136 x 136 42mm	136 x 136 42mm

- Fit installation box and mounting grid. Pull through cables, cut and strip to length.
- Terminate each cable to the appropriate switch, (clear terminal markings).



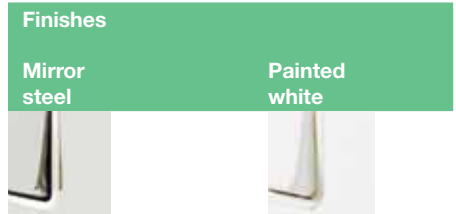
Once wired the modules, simply but securely clip into the mounting grid.



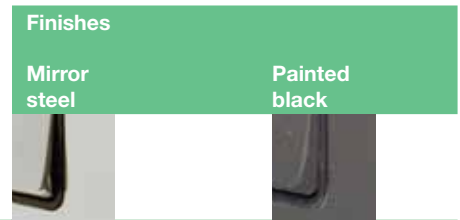
Finally after decorating, fit the cover plate.



Front plates are available in a choice of 2 finishes - Polished Chrome, Brushed Chrome.



Choose module + cap to create following module		Module	Plain rocker cap	
10AX & 20AX switch component modules	10AX 1 way SP	GUG101MW	GUGRMS	GUGRPW
	10AX 2 way SP	GUG102MW	GUGRMS	GUGRPW
	10AX intermediate SP	GUG10IMW	GUGRMS	GUGRPW
	20AX 1 way SP	GUG201MW	GUGRMS	GUGRPW
	20AX 2 way and off SP	GUG202MW	GUGRMS	GUGRPW
	20AX 2 way SP	GUG202MW	GUGRMS	GUGRPW
	20AX DP	GUG20DPMW	GUGRMS	GUGRPW
Choose module + cap to create following module		Module		
20AX DP printed switch component modules	Marked boiler	GUG20DPMW	GUGRBOMS	GUGRBOPW
	Marked cooker hood	GUG20DPMW	GUGRCHMS	GUGRCHPW
	Marked dish washer	GUG20DPMW	GUGRDWMS	GUGRDWPW
	Marked extractor fan	GUG20DPMW	GUGREFMS	GUGREFPW
	Marked fridge	GUG20DPMW	GUGRFMS	GUGRFPPW
	Marked fan	GUG20DPMW	GUGRFMS	GUGRFAPW
	Marked freezer	GUG20DPMW	GUGRFZMS	GUGRFZPW
	Marked fridge/freezer	GUG20DPMW	GUGFRFZMS	GUGFRFZPW
	Marked hob	GUG20DPMW	GUGRHOMS	GUGRHOPW
	Marked heater	GUG20DPMW	GUGRHEMS	GUGRHEPW
	Marked microwave	GUG20DPMW	GUGRMWMS	GUGRMWPW
	Marked oven	GUG20DPMW	GUGROVMS	GUGROVPW
	Marked tumble dryer	GUG20DPMW	GUGRTDMS	GUGRTDPW
	Marked washer dryer	GUG20DPMW	GUGRDYMS	GUGRDYPW
	Marked waste disposal	GUG20DPMW	GUGRWMS	GUGRWDPW
Marked washing machine	GUG20DPMW	GUGRWMMS	GUGRWMPW	
6AX & 10AX modules	6AX 2 way retractive and centre off switch module		GUG202OCWMS	GUG202OCWPW
	10AX 2 way retractive switch module		GUG102RWMS	GUG102RWPW
	10AX 2 way toggle switch module		GUG102TWMS	GUG102TWPW
	10AX intermediate toggle switch module		GUG10ITWMS	GUG10ITWPW
20AX secret key modules	20AX DP key switch module		GUG20DPKWMS	GUG20DPKWPPW
	20AX 2 way key switch module		GUG202KWMS	GUG202KWPPW
	20AX 2 way key switch module marked EMG.LTG		GUG202KELWMS	GUG202KELWPPW
Communication modules	Master telephone outlet		GUGTELMWMS	GUGTELMWPPW
	Secondary telephone outlet		GUGTELSWMS	GUGTELSWPPW
	Single RJ11 data outlet		GUGRJ11WMS	GUGRJ11WPPW
	Single RJ45 data outlet		GUGRJ45WMS	GUGRJ45WPPW
	Single TV/FM coaxial		GUGCOWMS	GUGCOWPPW
	Single satellite		GUGSATWMS	GUGSATWPPW
Electronic dimmer	Electronic 300W/VA 2 way & multiway standard dimmer module		GUGEMDIMWMS16	GUGEMDIMWPPW16
	Electronic 300W/VA infra red dimmer module		GUGEMRDIMW16	GUGEMRDIMW16
	2 way retractive switch		GUGEMWWMS16	GUGEMWWPPW16
	1 channel remote control		GU6000RC116	GU6000RC116
Connection unit & flex outlet	13A fused connection unit module		GUG13FCUWMS	GUG13FCUWPPW
	Flex outlet (10mm dia)		GUG16COWMS	GUG16COWPPW
Blank modules	Blank module metal finish		GUGBWMS	GUGBWPW
	Blank module plastic	GUGWB		
Indicator modules	Red neon indicator module	GUGINDWR		
	Orange neon indicator module	GUGINDWO		
	Green neon indicator module	GUGINDWG		
Spares	Hex screws (plate to grid)		UHEXSMS	UHEXSPW
	Hex screw key	GUGSHK		
	Key switch module spare key	GUGKSK		
	Additional Earth terminal	GGTKIT		



Choose module + cap to create following module		Module	Plain rocker cap	
10AX & 20AX switch component modules	10AX 1 way SP	GUG101MB	GUGRMS	GUGRBLK
	10AX 2 way SP	GUG102MB	GUGRMS	GUGRBLK
	10AX intermediate SP	GUG10IMB	GUGRMS	GUGRBLK
	20AX 1 way SP	GUG201MB	GUGRMS	GUGRBLK
	20AX 2 way and off SP	GUG202MB	GUGRMS	GUGRBLK
	20AX 2 way SP	GUG202MB	GUGRMS	GUGRBLK
	20AX DP	GUG20DPMB	GUGRMS	GUGRBLK
Choose module + cap to create following module		Module		
20AX DP printed switch component modules	Marked boiler	GUG20DPMB	GUGRBOMS	GUGRBOBLK
	Marked cooker hood	GUG20DPMB	GUGRCHMS	GUGRCHBLK
	Marked dish washer	GUG20DPMB	GUGRDWMS	GUGRDWBLK
	Marked extractor fan	GUG20DPMB	GUGREFMS	GUGREFBLK
	Marked fridge	GUG20DPMB	GUGRFMS	GUGRFBLK
	Marked fan	GUG20DPMB	GUGRFMS	GUGRFBLK
	Marked freezer	GUG20DPMB	GUGRFZMS	GUGRFZBLK
	Marked fridge/freezer	GUG20DPMB	GUGRFRFZMS	GUGRFRFZBLK
	Marked hob	GUG20DPMB	GUGRHOMS	GUGRHOBLK
	Marked heater	GUG20DPMB	GUGRHEMS	GUGRHEBLK
	Marked microwave	GUG20DPMB	GUGRMWMS	GUGRMWBLK
	Marked oven	GUG20DPMB	GUGROVMS	GUGROVBLK
	Marked tumble dryer	GUG20DPMB	GUGRTDMS	GUGRTDBLK
	Marked washer dryer	GUG20DPMB	GUGRDWYMS	GUGRDWYBLK
	Marked waste disposal	GUG20DPMB	GUGRWDMS	GUGRWDBLK
Marked washing machine	GUG20DPMB	GUGRWMMS	GUGRWMBLK	
6AX & 10AX modules	6AX 2 way retractive and centre off switch module		GUG202OCBMS	GUG202OCBLK
	10AX 2 way retractive switch module		GUG102RBMS	GUG102RBLK
	10AX 2 way toggle switch module		GUG102TBMS	
	10AX intermediate toggle switch module		GUG10ITBMS	
20AX secret key modules	20AX DP key switch module		GUG20DPKBMS	GUG20DPKBLK
	20AX 2 way key switch module		GUG202KBMS	GUG202KBLK
	20AX 2 way key switch module marked EMG.LTG		GUG202KELBMS	GUG202KELBBN
Communication modules	Master telephone outlet		GUGTELBMS	GUGTELBLK
	Secondary telephone outlet		GUGTELSBMS	GUGTELSBLK
	Single RJ11 data outlet		GUGRJ11BMS	GUGRJ11BLK
	Single RJ45 data outlet		GUGRJ45BMS	GUGRJ45BLK
	Single TV/FM coaxial		GUGCOBMS	GUGCOBLK
	Single satellite		GUGSATBMS	GUGSATBLK
Electronic dimmer	Electronic 300W/VA 2 way & multiway standard dimmer module		GUGEMDIBMS16	
	Electronic 350W/VA infra red dimmer module		GUGEMRDIMB16	
	2 way retractive switch		GUGEMWBMS16	
	1 channel remote control		GU6000RC116	
Connection unit & flex outlet	13A fused connection unit module		GUG13FCUBMS	GUG13FCUBLK
	Flex outlet (10mm dia)		GUG16COBMS	GUG16COBLK
Blank modules	Blank module metal finish		GUGBBMS	
	Blank module plastic	GUGBB		
Indicator modules	Red neon indicator module	GUGINDBR		
	Orange neon indicator module	GUGINDBO		
	Green neon indicator module	GUGINDBG		
Spares	Hex screws (plate to grid)			
	Hex screw key	GUGSHK		
	Key switch module spare key	GUGKSK		
	Additional Earth terminal	GGTKIT		



GU3520BPC

13A switched socket outlets

- Dimensions: 88 x 88mm (1 gang), 88 x 148mm (2 gang)
- Mounting box:
 - SB251 (F) 1 gang
 - SB351 (F) 1 gang
 - SB252 (F) 2 gang
 - SB352 (F) 2 gang
- Fix screws: M3.5 x 25mm and 30mm
- BS 1363

Part number	Description	Qty
GU3510***	1 gang switched	1
GU3520***	2 gang switched	1



GU3530WPC

13A DP switched socket outlets with outboard rockers

Part number	Description	Qty
GU3530***	2 gang switched	1



GU3580WBC

Round pin socket outlets

- Dimensions: 88 x 88mm
- Mounting box: SB251 (F)
- Fixed screws: M3.5 x 25mm and 30mm
- BS 546

Part number	Description	Qty
GU3580***	5A unswitched	1



GU1522BBC

16AX plate switches

- Dimensions: 88 x 88mm (1-3 gang), 88 x 148mm (4 gang)
- Mounting box:
 - SB161 (F) 1-2 gang
 - SB251 (F) 3 gang
 - SB252 (F) 4 gang
- Fix screws: M3.5 x 25mm and 30mm
- BS EN 60669-1
- BS EN 60947-3 (GU1513***)

Part number	Description	Qty
GU1512***	1 gang 2 way SP	1
GU1522***	2 gang 2 way SP	1
GU1532***	3 gang 2 way SP	1
GU1542***	4 gang 2 way SP	1
GU1514***	1 gang intermediate	1
GU1513***	*3 pole isolator	1



GU6522BC

Mains dimmer switches

- Dimensions: 88 x 88mm (1-2 gang), 88 x 148mm (3 gang)
- Mounting box:
 - SB251 (F) 1-2 gang
 - SB352 (F) 3 gang
- Fix screws: M3.5 x 25mm and 30mm
- BS EN 60669-2-1



Part number	Description	Qty
GU6512**	1 gang 2 way 400W	1
GU6522**	2 gang 2 way 250W	1
GU6532**	3 gang 2 way 250W	1

* 10A rated

Note Replace *** with suffix code to denote finish/interior colour required:

Note Replace ** with suffix code to denote finish colour required:

WPC Polished chrome with white interior **WBC** Brushed chrome with white interior
BPC Polished chrome with black interior **BBC** Brushed chrome with black interior



GU2511WBC

20AX DP switches

- Dimensions: 88 x 88mm
- Mounting box: SB351(F)
- Fix screws: M3.5 x 25mm and 30mm
- BS EN 60669-1

Part number	Description	Qty
GU2511***	DP switch with neon	1
GU2513***	DP switch with flex outlet	1



GU5511BPC

13A fused connection units

- Dimensions: 88 x 88mm
- Mounting box:
 - Unswitched SB251 (F)
 - Switched SB351 (F)
- Fix screws: M3.5 x 25mm and 30mm
- BS 1363

Part number	Description	Qty
GU5500***	Unswitched	1
GU5510***	DP switched	1
GU5511***	DP switched with neon	1
GU5514***	DP switched with neon and flex outlet	1



GU4521WBC

50A DP switches

- Dimensions: 148 x 88mm (2 gang)
- Mounting box: SB472 (F) 2 gang
- Fix screws: M3.5 x 25mm and 30mm
- BS EN 60669-1

Part number	Description	Qty
GU4521***	50A 2 gang DP switch with neon	1



GU4501WPC

45A DP cooker controls

- Dimensions: 88 x 148mm
- Mounting box: SB472 (F)
- Fix screws: M3.5 x 25mm and 30mm
- BS 4177

Part number	Description	Qty
GU4501***	DP cooker control unit & 13A switched socket with neons	1



GU7590WBC

Shaver sockets

- Dimensions: 148 x 88mm
- Mounting box: SB472 (F)
- Fix screws: M3.5 x 25mm and 30mm
- BS EN 61558-2-5

Part number	Description	Qty
GU7590***	115/230V dual voltage	1

Special unique design allows perfect fit to 47mm box

Note Replace *** with suffix code to denote finish/interior colour required:

WPC Polished chrome with white interior
BPC Polished chrome with black interior

WBC Brushed chrome with white interior
BBC Brushed chrome with black interior



GU7561WPC

Telephone & data outlets

- Dimensions: 88 x 88mm
- Mounting box:
 - SB251 (F)
 - SB351 (F)
- Fix screws: M3.5 x 25mm and 30mm
- BS EN 41003
- Refer to euro modular range for further combinations

Part number	Description	Qty
GU7561***	Single telephone master	1
GU7562***	Single telephone secondary	1



GU7510BBC

TV outlets

- Dimensions: 88 x 88mm
- Mounting box: SB251 (F)
- Fix screws: M3.5 x 25mm and 30mm
- Products are direct connection and not suitable for common connection
- BS 3041 (where applicable)

Part number	Description	Qty
GU7510***	Single TV/FM socket	1



GU8510PC

Blank plates

- Dimensions: 88 x 88mm (1 gang), 88 x 148mm (2 gang)
- Fix screws: M3.5 x 25mm and 30mm
- BS 5733

Part number	Description	Qty
GU8510**	1 gang	1
GU8520**	2 gang	1

Note Replace *** with suffix code to denote finish/interior colour required:

- WPC** Polished chrome with white interior
- BPC** Polished chrome with black interior
- WBC** Brushed chrome with white interior
- BBC** Brushed chrome with black interior

Note Replace ** with suffix code to denote finish required:

- PC** Polished chrome
- BC** Brushed chrome



Select required switch module and rocker cap



Snap rocker cap onto module



Module is now complete and ready to use

10AX & 20AX switch metal modules

- 10AX & 20AX switch modules available in black or white
- Pre printed rocker caps
- Clear terminal marking printed onto grey back mouldings ensures easy identification
- Easy assembly
- BS EN 60669-1

Part number	Description	Qty
Switch modules		
White surround		
GUG101MW	10AX 1 way SP	1
GUG102MW	10AX 2 way SP	1
GUG101MW	10AX intermediate SP	1
GUG201MW	20AX 1 way SP	1
GUG202MW	20AX 2 way and off SP	1
GUG202MW	20AX 2 way SP	1
GUG20DPMW	20AX DP	1
Black surround		
GUG101MB	10AX 1 way SP	1
GUG102MB	10AX 2 way SP	1
GUG101MB	10AX intermediate SP	1
GUG201MB	20AX 1 way SP	1
GUG202MB	20AX 2 way and off SP	1
GUG202MB	20AX 2 way SP	1
GUG20DPMB	20AX DP	1
Part number Description Qty		
Metal rocker caps		
GUGR**	Plain rocker cap	6
GUGRBO**	Marked boiler	6
GUGRCH**	Marked cooker hood	6
GUGRDW**	Marked dish washer	6
GUGREF**	Marked extractor fan	6
GUGRFR**	Marked fridge	6
GUGRFA**	Marked fan	6
GUGRFZ**	Marked freezer	6
GUGRFRFZ**	Marked fridge/freezer	6
GUGRHO**	Marked hob	6
GUGRHE**	Marked heater	6
GUGRMW**	Marked microwave	6
GUGROV**	Marked oven	6
GUGRTD**	Marked tumble dryer	6
GUGRWDY**	Marked washer dryer	6
GUGRWD**	Marked waste disposal	6
GUGRWM**	Marked washing machine	6

Note Replace ** with suffix code to denote finish/interior colour required

MS Mirror steel

PW Painted white

BLK Painted black



GUGRJ45WPW

6AX, 10AX & 20AX switch modules

- Full metal surround on all modules
- 10AX & 20AX ratings
- Tactile switch action
- BS EN 60669-1

Part number	Description	Qty
GUG202OC***	6AX 2 way retractive and centre off	1
GUG2020***	6AX 2 way and centre off	1
GUG102R***	10AX 2 way retractive SP	1
GUG102T***	10AX 2 way SP toggle switch	1
GUG101T***	10AX intermediate toggle	1
GUG20DPK***	20A 1 way DP key operated	1
GUG202K***	20AX 2 way key operated	1
GUG202KEL***	20AX 2 way key operated marked emergency lighting	1



GUGRJ45WMS

Communication modules

- Full metal surround on all modules
- Easy to fit front locking modules
- BS EN 3041 (where applicable)

Part number	Description	Qty
GUGTELM***	BT master telephone	1
GUGTELS***	BT secondary telephone	1
GUGRJ11***	RJ11 telephone	1
GUGRJ45***	RJ45 data	1
GUGCO***	Direct coaxial TV	1
GUGSAT***	F type satellite	1

Note Replace *** with suffix code to denote finish/interior colour required

Note Replace ** with suffix code to denote finish required

BMS Mirror steel with black interior **WMS** Mirror steel with white interior
BLK Painted black with black interior **WPW** Painted white with white interior



GUGEMDIMWMS16

Electronic dimmer modules

- Electronic modules are capable of 2 way or multiway dimming
- For lamp suitability check the technical section
- Min load 60W/50VA
- Retractive switch for use with electronic dimmers only
- Not compatible with moulded grid plates
- Modules will require derating when used in multi-gang applications

Part number	Description	Qty
GUGEMDIM***16	300W/VA universal multiway touch dimmer module	1
GUGEMRDIMW16/B16	300W/VA universal multiway touch dimmer module with infra red remote option (black or white)	1
GUGEMW***	2 way & multiway retractive switch*	1
GU6000RC1	1 channel IR remote control	1

*50mA max rating



GUG13FCUWMS

Fuse connections & flex outlets

- Full metal surround on all modules
- Modules are completely interchangeable
- BS 1363
- BS 5733

Part number	Description	Qty
GUG13FCU***	13A fuse carrier	1
GUG16CO***	Flex outlet up to 10mm ø	1
GUGBW	White moulded blank	1
GUGBB	Black moulded blank	1
GUGB***	Metal finish blank plate	1



GUGINDWG

Indicator modules

- 240V
- BS 5733

Part number	Description	Qty
White		
GUGINDWG	Green indicator	1
GUGINDWO	Orange Indicator	1
GUGINDWR	Red indicator	1
Black		
GUGINDBG	Green indicator	1
GUGINDBO	Orange Indicator	1
GUGINDBR	Red indicator	1

Note Replace *** with suffix code to denote finish/interior colour required

Note for flat plate & screwless grid plates, replace ** with suffix code to denote finish required

WPW Painted white with white interior

BLK Painted black with black interior

Note for low profile grid plates, replace ** with suffix code to denote finish required

BC Brushed chrome

MS Mirror steel

BMS Mirror steel with black interior

WMS Mirror steel with white interior



GU8550PC

Euro modular plates

- Dimensions: 88 x 88mm (1-2 gang), 88 x 148mm (4 gang)
- Mounted grid supplied with frame
- Refer to module for appropriate mounting box depth

Part number	Description	Qty
GU8550**	1 gang euro modular plate	1
GU8560**	2 gang euro modular plate	1
GU8580**	4 gang euro modular plate	1



GUE7010B

Euro modules

- Dimensions: 25 x 50mm (single), 50 x 50mm (double)
- Mounting box:
 - 1 module: SB251 (F) 1 gang
SB252 (F) 2 gang
 - 2 module: SB351 (F) 1 gang
SB352 (F) 2 gang

Part number	Description	Module size	Qty
GUE7010*	TV/Radio diplexer	2	1
GUE7011*	Single IEC coax (female)	1	1
GUE7012*	Single IEC coax (male)	1	1
GUE7030*	Single F type sat	1	1
GUE7040*	TV/Sat diplexer	2	1
GUE7081*	TV/FM/Sat triplexer	2	1
GUE7082*	TV/FM/Sat 1/Sat quadplexer	2	1
GUE7020*	HDMI	2	1
GUE7051*	RJ11 modem	1	1
GUE7061*	Telephone (BT master)	1	1
GUE7062*	Telephone (BT secondary)	1	1
GUE7072*	RJ45 CAT6 (not screened)	1	1
GUE7075*	VGA	1	1
GUE7071*	RJ45 CAT5e (not screened)	1	1
GUE7000*	2 x Phono socket	1	1
GUE7091*	LexCom Performance outlet	1	8
GUE7000*	2 x Phono socket	1	1
GUE7001*	2 x Loudspeaker socket	1	1
GUE8010*	Blank module	1	5



GUE7020B



GUE7072W

Grid plate

Part number	Description	Dimensions	Qty
GUGL01**	1 gang	88 x 88mm	1
GUGL02**	2 gang	88 x 88mm	1
GUGL03**	3 gang	88 x 148mm	1
GUGL04**	4 gang	88 x 148mm	1
GUGL06**	6 gang	156 x 156mm	1
GUGL08**	8 gang	156 x 156mm	1



GUGL04BC

Note Replace * with suffix code to denote finish:

B Black

W White

Note Replace ** with suffix code to denote finish required:

PC Polished chrome

BC Brushed chrome

Timeless &
traditional



Exclusive
range

Exclusive square edge white moulded

This highly successful Exclusive square edge range of white moulded wiring accessories maintains the superb quality and easy to install technical specification with exceptional value for money.

To provide additional safety in residential and commercial applications, the Exclusive white moulded range includes a series of RCD wiring accessories. The range includes both types of RCD - passive/latching and active/non-latching, which behave differently when the circuit is de-energised.

The Exclusive range includes a range of socket outlets; from sockets with outboard rockers, to retrofit converta sockets.



Features & benefits:

Consumer

- > Timeless traditional profile suitable for both domestic and commercial use
- > Outstanding value for money
- > Energy efficient solutions with dimmers, enabling energy savings of up to 30%

Installer

- > Optional cable outlet facility provides the choice of either surface or flush cable access
- > Plate profiles match across the entire range
- > DP socket outlets provide both easy access to connections together with twin earth terminals for high integrity earthing
- > Easy access generous terminals
- > Full 10AX plate switch rating for fluorescent and inductive loads
- > Residual current devices with active and passive controls for residential and commercial installations
- > 50A rated plateswitches for switching appliances with higher current ratings, such as heaters, cookers and commercial refrigerating units



GSKTSW2G

13A socket outlets

- Dimensions: 86 x 86mm (1 gang), 86 x 146mm (2 gang)
- Mounting box:
 - SB251 (F) 1 gang GPAT1G25 (S)
 - SB252 (F) 2 gang GPAT2G25 (S)
- Fix screws: M3.5 x 30mm
- BS 1363
- 'V' locator socket includes grooves for fast insertion of plug

Part number	Description	Qty
GSKT1G	1 gang unswitched	10
GSKT2G	2 gang unswitched	5
GSKTSW1G	1 gang switched	10
GSKTSW2G2	2 gang switched	5
GSKTSWDP1G	1 gang DP switched	5
GSKTSWDP2G	2 gang DP switched	1
GSKTSWDPOB2G	2 gang DP switched with outboard rockers	5
GSKTSW2GV	2 gang switched 'V' locator	5



GSKTSW3G
(not to scale)

13A 3 gang socket outlet

- Dimensions: 86 x 205mm
- Mounting box: GPAT3G25 (S)
- Fix screws: M3.5 x 30mm
- BS 1363

Part number	Description	Qty
GSKTSW3G	3 gang switched and fused	5



GSKTSWDP1G2G

13A 1 to 2 gang converta socket outlet

- BS 1363

Part number	Description	Qty
GSKTSWDP1G2G	1 to 2 gang switched	5



GSKT5A1G

Round pin socket outlets

- Dimensions: 86 x 86mm
- Mounting box: SB251 (F) GPAT1G25 (S)
- Fix screws: M3.5 x 30mm
- BS 546

Part number	Description	Qty
GSKT2A1G	2A unswitched	10
GSKT5A1G	5A unswitched	10
GSKT15A1G	15A unswitched	10
GSKTSW15A1G	15A switched	10



LSKT1GR

DP RCD protected socket outlets

- Dimensions: 86 x 146mm
- Mounting box: SB252 (F) GPAT2G25 (S)
- Fix screws: M3.5 x 30mm
- BS 7288
- Electronic latch - active control
- Mechanical latch - passive control

Part number	Description	Qty
LSKT1GR	1 gang RCD 30mA unswitched - active control	1
LSKT2GR	2 gang RCD 30mA unswitched - active control	1
LSKT2GRP	2 gang RCD 30mA unswitched - passive control	1
GPRCDSKT1G	1 gang RCD 30mA switched - passive control	1
GPRCDSKT2G	2 gang RCD 30mA switched - passive control	1



LSKT2GR

Active control - device will fail safe in the event of loss of supply. Suitable for domestic use.
Passive control - device will only trip in the event of a fault. Suitable for freezers and commercial applications.

Note: All 2 gang sockets include twin earth terminals as standard, enabling high integrity earthing. To aid flush installation 35mm steel boxes are recommended.



GSW1G2W

10AX plate switches

- Dimensions: 86 x 86mm (1-3 gang), 86 x 146mm (4 gang)
- Mounting box:
 - SB161 (F) GPAT1G16 (S) 1-2 gang
 - SB251 (F) GPAT1G25 3 gang
 - SB252 (F) GPAT2G25 (S) 4 gang
- Fix screws: M3.5 x 20mm
- BS EN 60669-1
- BS EN 60947-3 (GSWIS02)
- BS 3676 (GSWTPS)

Part number	Description	Qty
GSW1G1W	1 gang 1 way	10
GSW1G2W	1 gang 2 way	10
GSW2G2W	2 gang 2 way	10
GSW3G2W	3 gang 2 way	10
GSW4G2W	4 gang 2 way	10
GSWISO2	*3 pole isolator	10
GSWTPS	*Triple pole switch	10
GSWINT	1 gang intermediate	10
GSW1G2WR	*1 gang 2 way retractive	10
GSW1G2WRP	*1 gang 2 way retractive marked 'press'	10
GSW1G2WRB	*1 gang 2 way retractive marked with bell symbol	10

*10A rated



GSWA1G2W

- Dimensions: 33 x 86mm (1 gang), 33 x 148mm (2 gang)
- Mounting box:
 - SBA251A (F) GPAT1G16A (S) 1 gang
 - SBA252A (F) GPAT2G16A (S) 2 gang
- Fix screws: M3.5 x 20mm
- BS EN 60669-1

Part number	Description	Qty
GSWA1G2W	1 gang 2 way architrave	10
GSWA2G2W	2 gang 2 way architrave	10

Slimline rotary dimmers



- Dimensions: 86 x 86mm
- Mounting box:
 - SB161 (F) GPAT1G16 (S) 1 gang 1 way
 - SB251 (F) GPAT1G25 (S) 1-2 gang 2 way
- Fix screws: M3.5 x 30mm
- For use with incandescent lamps only
- BS EN 60669-2-1

Part number	Description	Qty
GD1G1W	1 gang 1 way 60-250W*	1
GD2G1W	2 gang 1 way 60-250W	1
GD1G1W4	1 gang 1 way 60-400W*	1

* Ultra slim module for mounting on 16mm box

Push dimmers



- Dimensions: 86 x 86mm (1 & 2 gang), 86 x 146mm (3 & 4 gang)
- Mounting box:
 - SB251 (F) GPAT1G25 (S) 1-2 gang
 - SB252 (F) GPAT2G25 (S) 3-4 gang
- Fix screws: M3.5 x 30mm
- For use with incandescent lamps only
- BS EN 60669-2-1

Part number	Description	Qty
GD1G2W	1 gang 2 way 250W	1
GD1G2W4	1 gang 2 way 400W	1
GD2G2W	2 gang 2 way 250W	1
GD3G2W	3 gang 2 way 250W	1
GD4G2W	4 gang 2 way 250W	1



GD2G1W



GD3G2W

Note Mains dimmer switches are not suitable on LV circuits. See technical section. Soft start low voltage dimmers are only suitable for dimming wire wound laminated, toroidal and some electronic transformers— not suitable for dimming fluorescent or incandescent lamps.



GLVD1G1W4

Note Mains dimmer switches are not suitable on LV circuits. See technical section. Soft start low voltage dimmers are only suitable for dimming wire wound laminated, toroidal and some electronic transformers— not suitable for dimming fluorescent or incandescent lamps.

Soft start low voltage dimmers

- Dimensions: 86 x 86mm
- Mounting box:
 - SB161 (F) GPAT1G16 (S) 1 gang 1 way
 - SB251 (F) GPAT1G25 (S) 1-2 gang 2 way
- Fix screws: M3.5 x 30mm
- BS EN 60669-2-1

Part number	Description	Qty
GLVD1G1W	Rotary 1G 1 way 60-250VA	1
GLVD1G2W	Push 1G 2 way 60-250VA	1
GLVD2G1W	Rotary 2G 1 way 60-250VA	1
GLVD2G2W	Push 2G 2 way 60-250VA	1
GLVD1G1W4	Rotary 1G 1 way 60-400VA	1
GLVD1G2W4	Push 1G 2 way 60-400VA	1



GSWDPN20A

20AX DP switches

- Dimensions: 86 x 86mm
- Mounting box: SB251 (F) GPAT1G25 (S)
- Fix screws: M3.5 x 30mm
- BS EN 60669-1

Part number	Description	Qty
GSWDP20A	DP	10
GSWDPN20A	DP with neon	10
GSWDP20AFO	DP with flex outlet	10
GSWDPN20AFO	DP with flex outlet + neon	10
GSWDPN20AFOWH	DP with flex outlet (marked water heater)	10



GSPUR

13A fused connection units

- Dimensions: 86 x 86mm
- Mounting box: SB251 (F) GPAT1G25 (S)
- Fix screws: M3.5 x 30mm
- BS 1363

Part number	Description	Qty
GSPUR	*13A unswitched	10
GSPUR3A	*3A unswitched	10
GNSPUR	*13A unswitched with neon	10
GSWSPUR	*13A DP switched	10
GSWNSPUR	*13A DP switched with neon	10
GFOPLATE	20A front entry flex outlet plate	10
GSFOPLATE	25A side entry flex outlet plate	10

*optional flex outlet facility

Exclusive engraved range

	20A DP Control switch				13A Fused connection unit		
	DP switch	DP with neon	DP with flex outlet	DP with flex outlet & neon	Unswitched	Switched	Switched with neon
Air conditioner			GSWDP20AFOAC	GSWDPN20AFOAC			
Boiler						GSWSPURBO	GSWNSPURBO
Cooker hood						GSWSPURCH	GSWNSPURCH
Dishwasher						GSWSPURDW	GSWNSPURDW
Extractor fan						GSWSPURF	GSWNSPURF
Fan						GSWSPURFA	GSWNSPURFA
Freezer						GSWSPURFZ	GSWNSPURFZ
Fridge						GSWSPURFR	GSWNSPURFR
Fridge/freezer						GSWSPURFFZ	GSWNSPURFFZ
Hob						GSWSPURHO	GSWNSPURHO
Heater	GSWDP20AHT	GSWDPN20AHT	GSWDP20AFOHT	GSWDPN20AFOHT	GSPURHT	GSWSPURHT	GSWNSPURHT
Microwave						GSWSPURMW	GSWNSPURMW
Oven	GSWDP20AOV	GSWDPN20AOV					
Security					GSPURSS		
Towel rail			GSWDP20AFOTR	GSWDPN20AFOTR	GSPURTR		
Tumble dryer					GSPURTD	GSWSPURTD	GSWNSPURTD
Washer dryer					GSPURWDY	GSWSPURWDY	GSWNSPURWDY
Waste disposal					GSPURWD	GSWSPURWD	GSWNSPURWD
Washing machine					GSPURWM	GSWSPURWM	GSWNSPURWM



G45ACCUN

50A DP switches and 45A cooker controls

- Dimensions: 86 x 86mm (1 gang), 86 x 146mm (2 gang)
- Mounting box:
 - SB471 (F) 1 gang GPAT1G47 (S)
 - SB472 (F) 2 gang GPAT2G47 (S)
- Fix screws: M3.5 x 30mm
- BS 4177
- BS 5733
- BS EN 60669-1

Part number	Description	Qty
GCKR50A	50A DP 1 gang	5
GCKRN50A	50A DP 1 gang with neon	5
GCKR50A2G	50A DP 2 gang	5
GCKRN50A2G	50A DP 2 gang with neon	5
G45ACCU	45A Cooker control unit with 13A socket	1
G45ACCUN	45A Cooker control unit with 13A socket and neon	1
G45CX	45A connection unit	10



GSHVSKT

Shaver socket

- Dimensions: 146 x 86mm
- Mounting box: SB472 (F) GPAT2G47 (S)
- Fix screws: M3.5 x 30mm
- BS EN 61558-2-5

Part number	Description	Qty
GSHVSKT	Shaver socket with dual 115/230V output	1
GADAPTSVR	Shaver adaptor 1A fuse (fuse to BS 646)	20



GSKTCOAX2G

Communication outlets

- Dimensions: 86 x 86mm
- Mounting box: SB251 (F) GPAT1G25 (S)
- Fix screws: M3.5 x 30mm
- BS EN 41003
- BS 3041 (where applicable)

Part number	Description	Qty
GTELMAS	Single telephone master	10
GTELSEC	Single telephone secondary	10
GSKTCOAX	Single direct connection TV	10
GSKTCOAX2G	Twin direct connection TV	10



GTEL/RJ11

Data outlets

- Dimensions: 86 x 86mm
- Mounting box: SB251 (F) GPAT1G25 (S)
- Fix screws: M3.5 x 30mm
- BS EN 41003

Part number	Description	Qty
GTELRJ11	RJ11 outlet	10
GTELRJ45	RJ45 outlet	10



GBLANK2G

Blank plates & replacement screws

- Dimensions: 86 x 86mm (1 gang), 86 x 146mm (2 gang)
- Fix screws: M3.5 x 30mm
- BS 5733

Part number	Description	Qty
GBLANK1G	1 gang blank plate	10
GBLANK2G	2 gang blank plate	5

Euro plates

Part number	Description	Qty
GEURO1	1 module	10
GEURO2	2 module	10
GEURO4	4 module	5

Euro modules

■ Dimensions: 25 x 50mm (single), 50 x 50mm (double)

■ Mounting box:

- 1 module: SB251 (F) 1 gang
SB252 (F) 2 gang
- 2 module: SB351 (F) 1 gang
SB352 (F) 2 gang



GUE7010W



GUE7030W



GUE7061W

Part number	Description	Module size	Qty
GUE7010W	TV/Radio diplexer	2	1
GUE7011W	Single IEC coax (female)	1	1
GUE7012W	Single IEC coax (male)	1	1
GUE7030W	Single F type sat	1	1
GUE7040W	TV/Sat diplexer	2	1
GUE7081W	TV/FM/Sat triplexer	2	1
GUE7082W	TV/FM/Sat 1/Sat 2 quadplexer	2	1
GUE7020W	HDMI	2	1
GUE7051W	RJ11 modem	1	1
GUE7061W	Telephone (BT master)	1	1
GUE7062W	Telephone (BT secondary)	1	1
GUE7071W	RJ45 CAT5e (not screened)	1	1
GUE7072W	RJ45 CAT6 (not screened)	1	1
GUE7075W	VGA	1	1
GUE7091W	LexCom Performance outlet	1	8
GUE7000W	2 x Phono socket	1	1
GUE7001W	2 x Loudspeaker socket	1	1
GUE8010W	Blank module	1	5

Surface pattress boxes

■ All moulded pattresses are supplied with earth terminal

■ BS 5733



GPAT1G16



GPAT2G25

Part number	Description	Qty
GPAT1G16	1 gang 16mm deep	10
GPAT1G25	1 gang 25mm deep	10
GPAT2G25	2 gang 25mm deep	5
GPATDG25	Dual 25mm deep	10
GPAT1G47	1 gang 47mm deep	10
GPAT2G47	2 gang 47mm deep	5
GPAT1G16A	1 gang architrave 16mm deep	20
GPAT2G16A	2 gang architrave 16mm deep	10

Converter pattresses

■ GPAT3G25 is for use with GSKTSW3G, see Exclusive moulded section



GPAT2GC25

Part number	Description	Qty
GPAT2GC25	1-2 gang 25mm deep	5
GPAT3G25	1-3 gang 25mm deep	5

Exclusive decorative

The Exclusive decorative metal plate range is designed to suit domestic interiors and commercial applications and offers an extensive range of accessories.

The range is available in either Matt Chrome or Polished Chrome finishes, both with white interiors.

Features & benefits:

- > Full 10AX plate switch rating for fluorescent and inductive loads
- > Comprehensive range to complete any installation requirement
- > High quality Exclusive interiors used throughout
- > Timeless traditional plate profile suitable for both domestic and commercial use
- > Plate profiles match across the entire range
- > Includes a range of traditional style surface switches
- > 50A rated plateswitches for switching appliances with higher current ratings, such as heaters, cookers and commercial refrigerating units



GEP3520WPC

13A socket outlets

- Dimensions: 95 x 95mm (1 gang), 95 x 154.5mm (2 gang)
- Mounting box:
 - SB251 (F) 1 gang
 - SB252 (F) 2 gang
- Fix screws: M3.5 x 30mm
- BS 1363

Part number	Description	Qty
GEP3550***	1 gang unswitched	1
GEP3560***	2 gang unswitched	1
GEP3510***	1 gang switched	1
GEP3520***	2 gang switched	1
GEP3580***	1 gang 5A round pin unswitched	1



GEP1532WMC

10AX plate switches

- Dimensions: 95 x 95mm (1 - 3 gang), 95 x 154.5mm (4 gang)
- Mounting box:
 - SB161 (F) 1 - 2 gang
 - SB251 (F) 3 gang
 - SB252 (F) 4 gang
- Fix screws: M3.5 x 25mm
- BS EN 60669-1
- BS EN 60947-3 (GEP1513***)

Part number	Description	Qty
GEP1512***	1 gang 2 way	1
GEP1522***	2 gang 2 way	1
GEP1532***	3 gang 2 way	1
GEP1542***	4 gang 2 way	1
GEP1513***	*3 pole isolator	1
GEP1514***	1 gang intermediate	1
GEP1512T**	1 gang 2 way toggle	1
GEP1522T**	2 gang 2 way toggle	1

*10A rated

Mains dimmer switches



- Dimensions: 95 x 95mm (1 - 2 gang)
- Mounting box: SB251 (F) 1 - 2 gang
- Fix screws: M3.5 x 30mm
- BS EN 60669-2-1



GEP6512PC

Note
Mains dimmer switches are not suitable on low voltage circuits. See technical section

Part number	Description	Qty
GEP6512**	1 gang 2 way 400W	1
GEP6522**	2 gang 2 way 250W	1

Low voltage dimmer switches



- Dimensions: 95 x 95mm (1 - 2 gang), 95 x 154.5mm (3 - 4 gang)
- Mounting box:
 - SB251 (F) 1 - 2 gang
 - SB252 (F) 3 - 4 gang
- Fix screws: M3.5 x 30mm
- BS EN 60669-2-1



GEP6512LVPC

Part number	Description	Qty
GEP6512LV**	1 gang 2 way 400VA LV	1
GEP6522LV**	2 gang 2 way 250VA LV	1
GEP6532LV**	3 gang 2 way 250VA LV	1
GEP6542LV**	4 gang 2 way 250VA LV	1

Note Replace *** with suffix code to denote finish/interior colour required:

Note Replace ** with suffix code to denote finish required:

WMC Matt chrome with white interior

WPC Polished chrome with white interior



GEP2511WMC

20A DP switches

- Dimensions: 95 x 95mm
- Mounting box: SB251 (F)
- Fix screws: M3.5 x 30mm
- BS EN 60669-1

Part number	Description	Qty
GEP2510***	DP switch	1
GEP2511***	DP switch with neon	1



GEP5511WMC

13A fused connection units

- Dimensions: 95 x 95mm
- Mounting box: SB251 (F) 1 gang
- Fix screws: M3.5 x 30mm
- BS 1363

Part number	Description	Qty
GEP5500***	Unswitched	1
GEP5501***	Unswitched with neon	1
GEP5510***	Switched	1
GEP5511***	Switched with neon	1



GEP5021WPC

50A DP switches

- Dimensions: 95 x 95mm
- Mounting box: SB471 (F)
- Fix screws: M3.5 x 30mm
- BS EN 60669-1

Part number	Description	Qty
GEP5020***	50A DP switch	1
GEP5021***	50A DP switch with neon	1



GEP4501WPC

45A cooker control unit

- Dimensions: 95 x 154.5mm
- Mounting box: SB472 (F)
- Fix screws: M3.5 x 30mm
- BS 4177

Part number	Description	Qty
GEP4501***	45A DP cooker connection unit with neon	1



GEP7590WPC

Shaver socket

- Dimensions: 154.5 x 95mm
- Mounting box: SB472 (F)
- Fix screws: M3.5 x 30mm
- BS EN 61558-2-5

Part number	Description	Qty
GEP7590***	115/230V dual voltage	1



GEP7561WPC

Communication outlets

- Dimensions: 95 x 95mm
- Mounting box: SB251 (F)
- Fix screws: M3.5 x 30mm
- BS EN 41003

Part number	Description	Qty
GEP7561***	Master telephone outlet	1
GEP7562***	Secondary telephone outlet	1

Note Replace *** with suffix code to denote finish/interior colour required:
WMC Matt chrome with white interior **WPC** Polished chrome with white interior



GEP7510WPC

TV socket outlets

- Dimensions: 95 x 95mm
- Mounting box: SB351 (F)
- Fix screws: M3.5 x 30mm
- BS 3041 (where applicable)

Part number	Description	Qty
GEP7510***	Single TV/FM coaxial	1
GEP7521**	Diplex outlet	1
GEP7581**	Triplex outlet	1



GEP8510PC

Blank plates

- Dimensions: 95 x 95mm (1 gang), 95 x 154.5mm (2 gang)
- Fix screws: M3.5 x 30mm
- BS 5733

Part number	Description	Qty
GEP8510**	1 gang blank plate	1
GEP8520**	2 gang blank plate	1



363WE

10A traditional style surface switches

Part number	Description	Qty
363BR	10A 2 way surface switch - Brown	1
363WE	10A 2 way surface switch - White	1
360WE	DP foot switch - White	5
360BK	DP foot switch - Black	5



E192030WE

10A traditional dolly style switches

Part number	Description	Qty
E192030WE	1 gang SP 250V Brass - White Base	1
E192030BK	1 gang SP 250V Brass - Black Base	1
E192030MIBK	1 gang SP 250V Brass Intermediate - Black Base	1
E1920R30WE	Ribbed 1 gang SP 250V 2 way Brass - White Base	1
E1920R30MIWE	Ribbed 1 gang SP 250V Intermediate Brass - White Base	1



E1920MB2PN

Mounting blocks

Part number	Description	Qty
E1920MBR1PN	1920 mounting block 1 gang round - Pine	1
E1920MB1PN	1920 mounting block 1 gang square - Pine	1
E1920MB2PN	1920 mounting block 2 gang - Pine	1

Note Replace *** with suffix code to denote finish/interior colour required:

Note Replace ** with suffix code to denote finish required:

WMC Matt chrome with white interior

WPC Polished chrome with white interior

Exclusive metal clad

Our Exclusive metal clad range has been built to perform. The strong, industrial design supported by a robust technical specification makes this range the perfect choice for a variety of commercial and public buildings.

Popular trends in the domestic market for modern loft style interiors also provide the perfect backdrop for this range which is available in either grey or silver grey finishes.

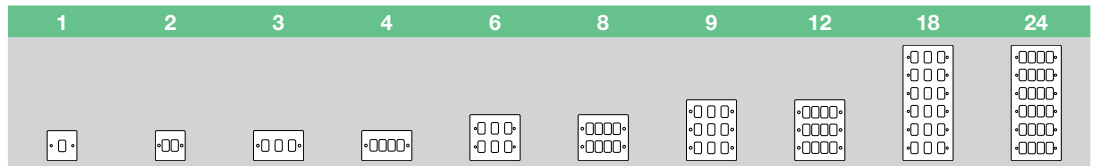
Features & benefits:

Consumer

- > Comprehensive range
- > Tough and impact resistant
- > Choice of grey and silver grey finishes ideal for commercial spaces and modern domestic interiors

Installer

- > Easy to install
- > All products are supplied complete with 42mm deep surface mounting box in matching finish
- > Boxes are supplied with a full selection of 20mm knockouts
- > 1 – 24 gang grid cover plates available
- > 50A rated plateswitches for switching appliances with higher current ratings, such as heaters, cookers and commercial refrigerating units



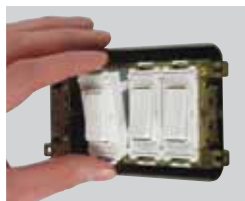
Surface

Metal clad	Metal clad grey	GUG01GMC	GUG02GMC	GUG03GMC	GUG04GMC	GUG06GMC	GUG08GMC	GUG09GMC	GUG12GMC	GUG18GMC	GUG24GMC
	Metal clad silver	GUG01GSMC	GUG02GSMC	GUG03GSMC	GUG04GSMC	GUG06GSMC	GUG08GSMC	GUG09GSMC	GUG12GSMC	GUG18GSMC	GUG24GSMC
	Dimensions	88 x 88mm	88 x 88mm	88 x 148mm	88 x 148mm	156 x 156mm	156 x 156mm	216 x 156mm	216 x 156mm	398 x 156mm	398 x 156mm

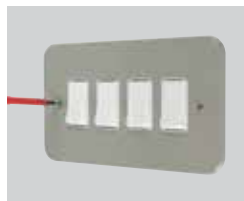
Surface mounting

Grey		GBG01	GBG01	GBG02	GBG02	GBG03	GBG03	GBG04S	GBG04S	GBG06S	GBG06S
Silver		GBGS01	GBGS01	GBGS02	GBGS02	GBGS03	GBGS03	GBGS04S	GBGS04S	GBGS06S	GBGS06S
Dimensions		76 x 76 42mm	76 x 76 42mm	136 x 76 42mm	136 x 76 42mm	136 x 136 42mm	136 x 136 42mm	202 x 136 42mm	202 x 136 42mm	334 x 136 42mm	384 x 136 42mm

- Fit installation box and mounting grid. Pull through cables, cut and strip to length.
- Terminate each cable to the appropriate switch, (clear terminal markings).



Once wired the modules, simply but securely clip into the mounting grid.



Finally after decorating, fit the cover plate.



Front plates are available in a choice of 2 finishes - Metal Clad Grey and Silver.

*All cover plates are supplied with appropriate grid frames

Selection table

	Description	Code
6AX & 10AX modules moulded	6AX 2 way retractive and centre off switch module	GUG202OCW
	10AX 1 way switch module	GUG101W
	10AX 2 way switch module	GUG102W
	10AX 2 way retractive switch module	GUG102RW
	10AX intermediate switch module	GUG101W
20AX modules moulded	20AX 1 way switch module	GUG201W
	20AX 2 way switch module	GUG202W
	20AX 2 way on and off module	GUG2020W
	20AX DP switch module	GUG20DPW
20AX printed modules moulded	20AX DP switch module marked microwave	GUG20DPMWW
	20AX DP switch module marked cooker hood	GUG20DPCHW
	20AX DP switch module marked dishwasher	GUG20DPDWW
	20AX DP switch module marked freezer	GUG20DPFZW
	20AX DP switch module marked washing machine	GUG20DPWMW
	20AX DP switch module marked tumble dryer	GUG20DPTDW
	20AX DP switch module marked heater	GUG20DPHTW
	20AX DP switch module marked hob	GUG20DPHOW
	20AX DP switch module marked oven	GUG20DPOVW
	20AX DP switch module marked boiler	GUG20DPBOW
	20AX DP switch module marked waste disposal	GUG20DPWDW
	20AX DP switch module marked extractor fan	GUG20DPEFW
	20AX DP switch module marked fan	GUG20DPFAW
	20AX DP switch module marked fridge freezer	GUG20DPFFZW
	20AX DP switch module marked fridge	GUG20DPFRW
20AX DP switch module marked washer/dryer	GUG20DPWDYW	
20AX secret key modules metal rockers	20AX DP key switch module	GUG20DPKWPW
	20AX DP key switch module marked EMG.LTG	GUG20DPKELWPW
	20AX 2 way key switch module	GUG202KWPW
	20AX 2 way key switch module marked EMG.LTG	GUG202KELWPW
Communication modules metal rockers	Master telephone outlet	GUGTELMWPW
	Secondary telephone outlet	GUGTELSWPW
	Single RJ11 data outlet	GUGRJ11WPW
	Single RJ45 data outlet	GUGRJ45WPW
	Single TV/FM coaxial	GUGCOWPW
	Single satellite	GUGSATWPW
	13A fused connection unit module	GUG13FCUWPW
	Flexible outlet (10mm diameter)	GUG16COWPW
Blank modules	White blank module	GUGBW
Indicator modules	Red neon indicator module	GUGINDWR
	Orange neon indicator module	GUGINDWO
	Green neon indicator module	GUGINDWG
Spares	Hex screws (plate to grid) moulded	UHEXSPW
	Hex screws (plate to grid) metal clad	UHEXSSS
	Hex screw key	GUGSHK
	Key switch module spare key	GUGKSK
	Additional Earth terminal	GGTKIT



GMC131SS

13A socket outlets

- Dimensions: 79 x 79 x 42mm (1 gang), 79 x 139 x 42mm (2 gang)
- BS 1363

Part number	Description	Qty
Grey	Silver grey	
GMC131S	GMCS131S	1 gang unswitched
GMC132S	GMCS132S	2 gang unswitched
GMC131SS	GMCS131SS	1 gang switched
GMC132SS	GMCS132SS	2 gang switched
GMC51S	GMCS51S	5A round pin unswitched

13A DP outboard rocker switched socket outlet - grey

- Dimensions: 79 x 139 x 42mm
- BS 1363

Part number	Description	Qty
GU3631GMC	2 gang switched with clean earth	1



LMCSKT2GR

RCD protected devices - grey

- Dimensions: 92 x 145 x 49mm
- Electronic latch - active control
- Mechanical latch - passive control
- Passive devices do not require resetting in the event of power failure
- BS 7288
- LMCSKT1GR requires a 2 gang back box

Part number	Description	Qty
LMCSKT1GR	1 gang RCD 30mA active control	1
LMCSKT2GR	2 gang RCD 30mA active control	1
LMCSKT2GRP	2 gang RCD 30mA passive control	1
GMCPRCDSKT1G	1 gang switched RCD 30mA passive	1
GMCPRCDSKT2G	2 gang RCD 30mA passive control	1
GMCPRCDFCU	1 gang fused connection unit RCD 30mA passive	1

Active control - device will fail safe in the event of loss of supply. Suitable for domestic use.
 Passive control - device will only trip in the event of a fault. Suitable for freezers and commercial applications.

10AX plate switches

- Dimensions: 79 x 79 x 42mm
- BS EN 60669-1



GMC1012

Part number	Description	Qty
Grey	Silver grey	
GMC1012	GMCS1012	1 gang 2 way
GMC1022	GMCS1022	2 gang 2 way
GMC1032	GMCS1032	3 gang 2 way
GMCINT	GMCSINT	1 gang intermediate



GMCS20SN

20A DP switches

- Dimensions: 79 x 79 x 42mm
- BS EN 60669-1

Part number	Silver grey	Description	Qty
GMC20S	GMCS20S	20A DP	10
GMC20SN	GMCS20SN	20A DP with neon	10



GMC50S

50A switches

- Dimensions: 79 x 79 x 42mm (1 gang), 139 x 79 x 42mm (2 gang)
- BS EN 60669-1

Part number	Silver grey	Description	Qty
GMC50S	GMCS50S	1 gang DP	10
GMC50SN	GMCS50SN	1 gang DP with neon	10
GMC50S2N	GMCS50S2N	2 gang DP with neon	5



GMCS13SSP

13A fused connection units

- Dimensions: 79 x 79 x 42mm
- BS 1363

Part number	Silver grey	Description	Qty
GMC13SP	GMCS13SP	Unswitched	10
GMC13SPN	GMCS13SPN	Unswitched with neon	10
GMC13SPF	GMCS13SPF	Unswitched with flex outlet	10
GMC13SPNF	GMCS13SPNF	Unswitched with neon and flex outlet	10
GMC13SSP	GMCS13SSP	DP switched	10
GMC13SSPN	GMCS13SSPN	DP switched with neon	10
GMC13SSPF	GMCS13SSPF	DP switched with f/outlet	10
GMC13SSPNF	GMCS13SSPNF	DP switched with neon and flex outlet	10

Note: All products except grid plates are supplied complete with 42mm depth surface mounting box in matching finish. 1 gang box includes 5 x 20mm knockouts, 2 gang box includes 8 x 20mm knockouts



GMCB1

Blank plates

- Dimensions: 79 x 79 x 42mm (1 gang), 79 x 139 x 42mm (2 gang)
- BS 5733
- Blank plate supplied with surface mounting box

Part number		Description	Qty
Grey	Silver grey		
GMCB1	GMCSB1	1 gang blank plate	10
GMCB2	GMCSB2	2 gang blank plate	5



GUG03GSMC

Surface metal clad grid plates

- BS 5733
- Supplied with mounting grid

Part number		Description	Qty
Grey	Silver grey		
GUG01GMC	GUG01GSMC	1 module	1
GUG02GMC	GUG02GSMC	2 module	1
GUG03GMC	GUG03GSMC	3 module	1
GUG04GMC	GUG04GSMC	4 module	1
GUG06GMC	GUG06GSMC	6 module	1
GUG08GMC	GUG08GSMC	8 module	1
GUG09GMC	GUG09GSMC	9 module	1
GUG12GMC	GUG12GSMC	12 module	1
GUG18GMC	GUG18GSMC	18 module	1
GUG24GMC	GUG24GSMC	24 module	1



GBG01

Surface mounting boxes (for grid plates)

- All boxes are supplied with 20mm knockouts and earth terminals (unless stated otherwise)
- BS 5733

Part number		Description	Qty
Grey	Silver grey		
GBG01	GBGS01	1-2 gang mounting box	10
GBG01P	N/A	1-2 gang mounting box (without knockouts)	10
GBG02	GBGS02	3-4 gang mounting box	5
GBG02P	N/A	3-4 gang mounting box (without knockouts)	5
GBG03	GBGS03	6-8 gang mounting box	1
GBG04S	GBGS04S	9-12 gang mounting box	1
GBG06S	GBGS06S	18-24 gang mounting box	1

Note: All products except grid plates are supplied complete with 42mm depth surface mounting box in matching finish. 1 gang box includes 5 x 20mm knockouts, 2 gang box includes 8 x 20mm knockouts



GUG101W

6AX, 10AX & 20AX switch modules - white moulded

- 10AX & 20AX ratings
- Tactile switch action
- BS EN 60669-1

Part number	Description	Qty
GUG202OCW	6AX 2 way retractive and centre off switch module	1
GUG101W	10AX 1 way switch module	1
GUG102W	10AX 2 way switch module	1
GUG102RW	10AX 2 way retractive switch module	1
GUG101W	10AX intermediate switch module	1
GUG201W	20AX 1 way switch module	1
GUG202W	20AX 2 way switch module	1
GUG2020W	20AX 2 way on and off module	1
GUG20DPW	20AX DP switch module	1



GUG20DPKELWPW

20AX secret key modules - painted whites

- BS EN 60669-1

Part number	Description	Qty
GUG20DPKWPW	20AX DP key switch module	1
GUG20DPKELWPW	20AX DP key switch module marked EMG.LTG	1
GUG202KWPW	20AX 2 way key switch module	1
GUG202KELWPW	20AX 2 way key switch module marked EMG.LTG	1



GUGRJ45WPW

Communication modules - painted white

- BS EN 41003
- BS EN 3041 (where applicable)

Part number	Description	Qty
GUGTELMWPW	Master telephone outlet	1
GUGTELSWPW	Secondary telephone outlet	1
GUGRJ11WPW	Single RJ11 data outlet	1
GUGRJ45WPW	Single RJ45 data outlet	1
GUGCOWPW	Single TV/FM coaxial	1
GUGSATWPW	Single satellite	1
GUG13FCUWPW	13A fused connection unit module	1
GUG16COWPW	Flexible outlet (10mm diameter)	1

Note: All products except grid plates are supplied complete with 42mm depth surface mounting box in matching finish. 1 gang box includes 5 x 20mm knockouts, 2 gang box includes 8 x 20mm knockouts



GUGBW

Blank modules		
Part number	Description	Qty
GUGBW	White blank module	1



GUG20DPTDW

20AX DP printed modules - moulded		
<ul style="list-style-type: none"> ■ Pre printed modules for greater flexibility ■ BS EN 60669-1 		
Part number	Description	Qty
GUG20DP**W	20AX DP switch module	1



GUGINDWR

Indicator modules		
<ul style="list-style-type: none"> ■ 240V ■ BS 5733 		
Part number	Description	Qty
GUGINDWG	Green indicator with white surround	1
GUGINDWO	Orange Indicator with white surround	1
GUGINDWR	Red indicator with white surround	1

Replace ** with the suffix code to denote the printing required:

MW Microwave	HT Heater	WD Waste disposal
CH Cooker hood	WDY Washer/dryer	EF Extractor fan
DW Dishwasher	HO Hob	FA Fan
FZ Freezer	OV Oven	FFZ Fridge freezer
WM Washing machine	BO Boiler	FR Fridge
TD Tumble dryer		

T2 ceiling & accessories

The highly successful T2 ceiling accessories range maintains superb quality and easy to install technical specification that has established this design as a firm favourite.

The range includes polycarbonate and safety ceiling accessories. When safety is of the utmost importance the range of safety ceiling accessories from Schneider Electric ensures the supply is completely disconnected until a lamp is fully inserted. Thus the risk of electric shock is minimised, with full double pole switching.

Features & benefits:

- > Fully coordinated fully rated T2 range incorporates large footprint for easy installation together with raised mounting feet to assist installation on uneven surfaces
- > Ample wiring space with four knockouts
- > Clear terminals for easy visibility and installation
- > Batten holders and ceiling roses share a common base assembly with 50.8mm fixing centres
- > Pendant lamp holder has integral cord grip to prevent cable pull on terminals
- > The range includes polycarbonate and lamp activated lampholders
- > Full range of accessories including dry lining and conduit boxes



GABAT

Batten lampholder

- Clear terminals for easy visibility and installation
- Ample wiring space with four knockouts
- Large capacity earth terminal
- Pendant lamp holder has integral cord grip to prevent cable pull on terminals
- Batten lamp holders (straight and angled) are pre-wired
- BS EN 61184

Part number	Description	Qty
GBAT	Pre-wired batten-lampholder	10
GBATC	Pre-wired clear base batten-lampholder	10
GABAT	Pre-wired angled batten-lampholder	10
GABATC	Pre-wired clear base angled batten-lamp holder	10



GEBAT

Fixed terminal batten holder & ceiling rose

- Raised mounting feet assist mounting on uneven surfaces
- Batten holders and ceiling roses share a common base assembly. Fixing centres are 50.8mm
- Bases also include easy joist mounting facility
- BS EN 61184
- BS 67

Part number	Description	Qty
GEBAT	T2 batten holder 3 terminal	10
GRO	Ceiling rose	10
GROC	Clear base ceiling rose	10



GPEND6

Pendants & lampholder

- High heat resistance (T2 rated) to BS EN 61184:1995. (Batten holders & lamp holders only)
- Max lamp rating 150W
- Plunger springs are enclosed in brass sleeves
- Zinc plated steel bayonet sleeve for durability
- BS EN 60598-2-1
- BS EN 61184

Part number	Description	Qty
GPEND6	Pre-wired 6" pendant	10
GPEND6C	Pre-wired 6" clear base pendant	10
GPEND9	Pre-wired 9" pendant	10
GPEND9C	Pre-wired 9" clear base pendant	10
GLHC	Lampholder with integral cord grip	20



Energy saving pendant



- Complies with Part L of the building regulations
- Build properties must have a fixed proportion of lighting points suitable for compact fluorescent lamps only
- Requires 1 x 13W 4 pin compact fluorescent lamp (not supplied) or 1 x 18W 4 pin compact fluorescent lamp (not supplied)

Part number	Description	Qty
GESPEND613	13W Energy saving pendant with 6" flex	1
GESPEND618	18W Energy saving pendant with 6" flex	1



E93PS6WE

Polycarbonate ceiling accessories

Part number	Description	Qty
E93PS6WE	Pendant set, 6 inch, white	1
E93WE	Ceiling rose, white	1
E94WE	Batten holder, white	1
E501SSWE	Lamp holder, short skirt	1



GBATS

Safety ceiling accessories

- T2 Rated
- Mains supply is disconnected until lamp is fully inserted.
- DP switching mechanism for complete isolation
- Terminals can only be accessed via tool
- BS EN 61184
- BS 7895

Part number	Description	Qty
GBATS	Pre-wired safety batten lamp holder	10
GPEND6S	6" safety pendant lamp holder	10
GLHCS	Safety lamp holder with integral cord grip	10



GSPULL50N

Ceiling switches

- All items have 1.5m white nylon cord
- GSWPULL6 and GSWPULL62 fit BESA boxes with standard 50.8mm centre distances between the fixings
- Fully rated at 6AX for fluorescent or inductive loads
- 50A suitable for use as an isolator switch
- BS EN 60669-1

Part number	Description	Qty
GSPULL6	6AX 1 way	10
GSPULL62	6AX 2 way	10
GSPULL50	50A DP 1 way	10
GSPULL50N	50A DP 1 way with neon	10



GJB620A



GJB5ABR

Junction boxes (white or brown)

- Dimensions: 5A & 20A – Ø74mm, 30A – Ø85mm
- Terminal capacity: 5A 4 x 1.5mm², 20A 2 x 2.5mm², 30A 4 x 4mm²
- BS EN 60670-22

Part number		Description	Qty
White	Brown		
GJB5A	GJB5ABR	5A 4 terminal selective entry 4 x 1.5mm	10
GJB20A	GJB20ABR	20A 4 terminal selective entry 3 x 2.5mm	10
GJBN20A	GJBN20ABR	20A 4 terminal non-selective entry 3 x 2.5mm	10
GJB620A	GJB620ABR	20A 6 terminal selective entry x 2.5mm	10
GJB30A	GJB30ABR	30A 3 terminal selective entry x 4mm	10
GJBN20AS	GJBN20ASBR	Compact 20A 4 terminal non-selective entry 59mm diameter	10

25mm deep breakaway boxes

- Material: uPVC
- Colour: white
- BS 4662
- All boxes can be used with both standard and coiled miniature trunking
- Note: Please see details relating to thermal expansion

Part number	Description	Qty
MMB251W	1 gang	10
MMB252W	2 gang	10
MMB252SW	2 gang side entry	10

Standard boxes accept 16 x 16mm and 25 x 16mm mini.
Reducer kits for other sizes available on request.

Deep boxes with mini entries

Part number	Description	Qty
Rounded corners		
TBR321W	1 gang	10
TBR322W	2 gang	10

Square corners		
TBU321W	1 gang	10
TBU322W	2 gang	10
TBU441W	1 gang	10





Mini entry adapters

For use with TBU and TBR boxes

Part number	Description	Qty
MTAU1W	16 x 16mm	10
MTAU2W	25 x 16mm	10
MTAU3W	38 x 16mm	10



Ceiling rose box

Part number	Description	Qty
CRA12W	16 x 16mm to 25 x 16mm entries, fixing centre 50.8mm Overall diameter 82mm, depth 13.5mm	25



Conduit boxes - square corners

Part number	Description	Qty
KBS252W	2 gang knockout 25mm deep	10
KBU321W	1 gang knockout 32mm deep	10
KBU322W	2 gang knockout 32mm deep	10
PBU441W	Plain 44mm deep	10
KBU441W	Knockout 44mm deep	10

Note: Square cornered boxes still have infill corners to take round corner plates if required



Conduit boxes - round corners

Part number	Description	Qty
KBR251W	1 gang knockout 25mm deep	20
PBR332W	2 gang plain 32mm deep	20
KBR321W	1 gang knockout 32mm deep	20
KBR322W	2 gang knockout 32mm deep	20



Circular dry lining box

- Quick and simple to install
- Suitable for pendant drops, smoke alarms etc
- Maximum weight support is 3kg at 60°C
- 2 knockouts - both 20mm
- Overall diameter 67mm
- M3.5 x 30mm required

Part number	Description	Qty
CRB2W	50.8mm fixing centre	10



GDL1

Dry lining boxes

- Can be installed on thin wall section
- Ideal for plasterboard
- Minimum and maximum thickness 2 - 17mm
- BS 5733

Part number	Description	Qty
GDL1	1 gang 34mm deep	10
GDL2	2 gang 34mm deep	10



SB161

Flush galvanised steel boxes

- All galvanised steel accessory boxes are supplied with earth terminal and screw
- Supplied with fixed and adjustable lugs
- Fitted with selection of 20mm knockouts in sides and back of boxes
- BS 4662

Part number	Description	Qty
SB161	1 gang 16mm deep	20
SB251	1 gang 25mm deep	10
SB252	2 gang 25mm deep	10
SB351	1 gang 35mm deep	10
SB352	2 gang 35mm deep	5
SB471	1 gang 47mm deep	10
SB472	2 gang 47mm deep	4

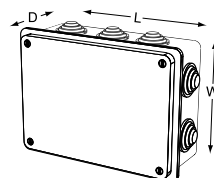


TOP13A

Plugs & adaptors

- BS 1363 (13A plugs)
- Uses fuse to BS 1361
- BS 546 (round pin plugs)
- Round pin plugs unfused

Part number	Description	Qty
TOP2AR	2A round pin plug	20
TOP5AR	5A round pin plug	20
TOP15AR	15A round pin plug	20
TOP133A	Plug top fitted with 3A fuse	20
TOP13A	Plug top fitted with 13A fuse	20
ADAPT2W	2 way unfused adaptor	10
ADAPT3WF	3 way fused adaptor	10
400112	3A BS1362 fuses, 4 pack	1
400113	5A BS1362 fuses, 4 pack	1
400114	13A BS1362 fuses, 4 pack	1



Moulded enclosures

Dimensions (LxWxD)mm	Size code
- 80 x 40mm	1
- 80 x 80 x 40mm	2
- 100 x 100 x 50mm	3
- 120 x 80 x 50mm	4
- 150 x 110 x 70mm	5
- 190 x 140 x 70mm	6
- 240 x 190 x 90mm	7
- 300 x 220 x 120mm	8
- 380 x 300 x 120mm	9

Part number	Size code	No. of entries	Qty
Plain - IP56			
GE115P	3	6	1
GE125P	4	6	1
GE157P	5	10	1
GE197P	6	10	1
GE249P	7	12	1
GE321P*	8	12	1
GE381P*	9	12	1
Stepped glands - IP56			
GE84S**	1	4	1
GE884S**	2	6	1
GE115S	3	6	1

* Hinged lid
 ** IP44 rating

Internal back plates



Part number	Size code	Qty
GEBP6	6	1
GEPB7	7	1
GEBP8	8	1
GEBP9	9	1

Sensitive sensors



Occupancy sensors

By leveraging state of the art infra-red, and combined ultrasonic and infrared (dual technologies), our ultra sensitive occupancy sensors offer you the ultimate in reliable, efficient and cost effective lighting control.

This provides a quick and environmentally friendly way of reducing energy consumption with easy setup. Compared to a traditional manual switch, there are significant potential energy savings that can be achieved by utilising occupancy sensors.

The Schneider Electric occupancy sensor range, combines a selection of outdoor passive infra-red devices, and indoor ceiling or wall mountable devices.

Features & benefits:

Consumer

- > Delivers measurable energy savings
- > Solutions which are complementary to the Ultimate screwless flat plate range of wiring accessories
- > A range of technologies for effective detection of different installations

Installer

- > Passive infra-red and ultrasonic technologies for different applications
- > Optional programming from infra-red remote control
- > Suitable for use with different lighting loads (incandescent, AC halogen, LV halogen, fluorescent)

Ceiling mounted sensors



- Surface or flush mount (SAEUEMSCDBWE flush mount only)
- 7m at 2.5m height range (SAEUEMSCUWE 12m x 18m at 2.5m height range)



SAEUEMSCUWE

Part number	Description	Qty
SAEUEMSCUWE	Single-load 360° PIR and ultrasonic sensor	1
SAEUEMSIR10T	IR Remote for SAEUEMSCUWE	1
SAEUEMSCSAWE	Single-load 360° PIR sensor	1
SAEUEMSCDBWE	Dual-load 360° PIR sensor	1

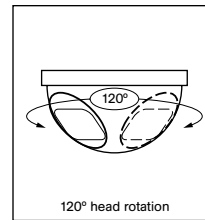
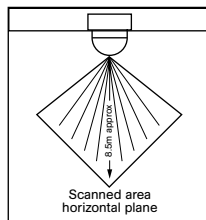
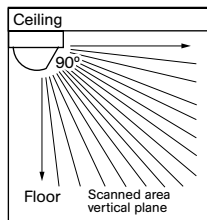
- Surface mount
- Detection area 6m x 6m at 2.4m height range



E751

Part number	Description	Qty
E751	Infrascan single-load 2A 120° PIR sensor	5
E751R	Infrascan single-load 10A 120° PIR sensor	5

Field of view:



Wall mounted PIR plate switch



- Field of view: 90°
- Range: 5m at 1.2m height
- Time setting: 15sec - 30min
- Stainless Steel finish with black interior



GUPA1411BSS

Part number	Description	Qty
GUPA1411BSS	1 gang 1 way PIR plate switch with override	1
GUP1411BSS	1 gang 1 way PIR plate switch	1



Outdoor PIR detectors



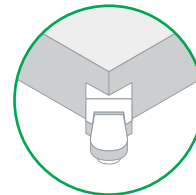
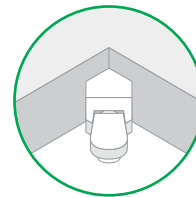
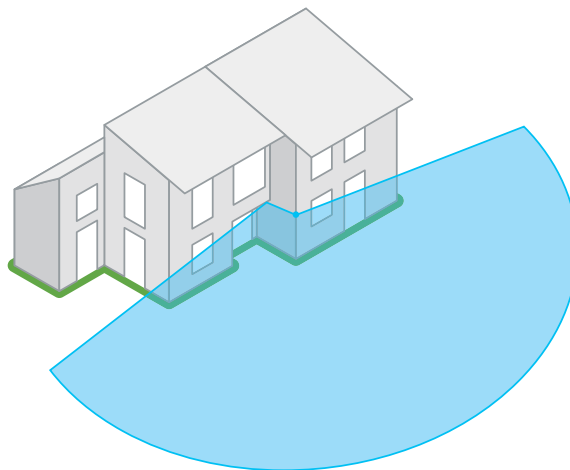
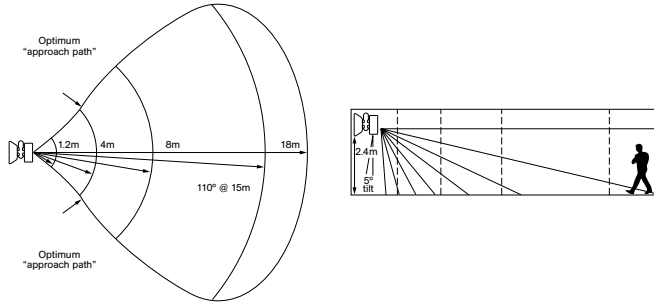
CCT56P008

- Detection field up to 18 metres
- Includes separate mounting base
- Base includes conduit entries
- Suitable for wall or ceiling mounting

Part number	Description	Qty
CCT56P004	Single-load PIR 120° detector	1
CCT56P008	Single-load PIR 360° detector	1
E750WPRGY	Infrascan single-load PIR 110° detector	5



E750WPRGY





E-Series polycarbonate

The E-Series range of wiring accessories is made of high impact resistant polycarbonate components. Besides incorporating a modular design and multi-gang capability, it consists of flush plates that are further enhanced with specially designed screw caps that conceal all mounting screws.

E-Series switches and sockets are tough, resilient, built to take hard knocks and guaranteed to provide exceptional product life.

E-Series mechanisms are designed to international safety standards and are available in single or double pole versions. These mechanisms provide greater installation flexibility.

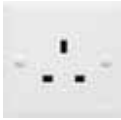
Features & benefits:

Wiring accessories

- > Comprehensive product offer
- > Virtually indestructible front plates
- > Any mechanism can be fitted to switch plates
- > UV stable
- > Outboard rockers as standard

Plates & mechanisms

- > The wide choice of mechanisms fit E-Series plates
- > Mechanisms clip into front plates for fast installation
- > Any combination possible to tailor bespoke requirements
- > Rockers are manufactured from virtually indestructible polycarbonate
- > Blank plugs are available for unused apertures



E426WE

13A unswitched socket outlets

■ BS 1363

Part number	Description	Qty
E426WE	1 gang 3 pin socket outlet	1



E15WE

13A SP switched socket outlets with outboard rockers (2 gang)

■ BS 1363

Part number	Description	Qty
E15WE	1 gang 3 pin switched socket outlet	1
E15NWE	1 gang 3 pin switched socket outlet with neon	1
E25WE	2 gang 3 pin switched socket outlet	1
E25NWE	2 gang 3 pin switched socket outlet with neon	1



E15NWE

13A DP switched socket outlets

■ BS 1363

Part number	Description	Qty
E15DWE	1 gang DP switched socket	1



E15DWE

13A DP switched sockets with 'HI' earth and outboard rockers

■ BS 1363

Part number	Description	Qty
E25DWE	2 gang DP switched with high integrity earth	1



E25DWE

13A clean earth socket outlets with outboard rockers

■ BS 1363

Part number	Description	Qty
E25CESFNWE	2 gang clean earth filtered switched socket outlet with surge protection and neon	1
E25SFWE	2 gang switched socket with surge protection	1
E25CESFWE	2 gang switched socket with surge protection and filtered clean earth	1



E25CESFNWE



E25SFWE

5A round pin unswitched socket outlets

■ BS 546

Part number	Description	Qty
E4265WE	1 gang 3 pin socket outlet	1



E4265WE



E31WP23SAWE

IP54 wall switch

■ BS 5733

Part number	Description	Qty
E31WP23SAWE	1 gang 2 way switch IP54	1
E31WPWE	Wall plate to accept mechanisms	1



E30T6AWE

6A TP fan isolator

■ BS EN 60947-3

Part number	Description	Qty
E30T6A	250V TP fan isolator	1



E319WE

Time delay switch

- Adjustable up to 20 minutes
- Can be used in multiple switch configurations
- Suitable for staircases and corridors
- IEC 60669-2-1



Part number	Description	Qty
E319WE	10A 1 gang pneumatic	1



30WE

10A architrave switches

■ BS EN 60669-1

Part number	Description	Qty
30WE	1 gang 2 way	1



E311SAWE

10A wall switches

■ BS EN60669-1

Part number	Description	Qty
E311SAWE	1 gang 1 way	1
E312SAWE	1 gang 2 way	1
E311AWE	1 gang intermediate	1
E322SAWE	2 gang 2 way 3 terminal	1
E332SAWE	3 gang 2 way 3 terminal	1
E342SAWE	4 gang 2 way	1



E342SAWE



E31RD400WE

Rotary dimmer

■ BS EN 60669-2



Part number	Description	Qty
E31RD400WE	240V 400W 1 gang 1 way dimmer	1



E32D20NGEWE

20A DP flush switches

■ BS EN 60669-1

Part number	Description	Qty
E31D20GEWE	1 gang DP	1
E32D20NGEWE	DP with neon & bottom cable outlet	1



E30FSGWE

13A fused connection units

■ BS 1363

Part number	Description	Qty
E30FSGWE	Unswitched	1
E30FSGNWE	Unswitched with neon indicator	1
E31DFSGWE	Switched	1
E31DFSGNWE	Switched with neon indicator	1



ED45NWE

45A DP switches

■ BS EN 60669-1

Part number	Description	Qty
ED45WE	DP switch	1
ED45NWE	DP switch with neon	1



ED4513NWE

45A cooker control units

■ BS 4177

Part number	Description	Qty
ED4513NWE	DP switch & 13A switched socket outlet with neon indicator	1



E727WE

Universal shaver socket outlet

■ BS EN 61558-2-5

Part number	Description	Qty
E727WE	115V 240V shaver unit	1



E34061MWE

Telephone outlets

■ BS EN 41003

Part number	Description	Qty
E34061MWE	Single master telephone	1
E34061SWE	Single secondary telephone	1
ET01E	US style telephone	1



E32TV75WE

TV outlets

■ BS 3041

Part number	Description	Qty
E31TV75WE	Single co-axial	1
E32TV75WE	Twin co-axial	1
E31TVFWE	Single 'F' type satellite connector	1



E31XWE

Blank plates

■ BS 5733

Part number	Description	Qty
E31XWE	1 gang blank flush plate	1
E312XWE	2 gang blank flush plate	1



ET238WE

Surface patresses

■ BS 1363

Part number	Description	Qty
701WE	1 gang architrave	1
E238WE	1 gang 35mm	1
ET238WE	2 gang 35mm	1

13A switched Converta socket outlets

- Polycarbonate construction providing high levels of impact resistance
- Double pole isolation on 2 into 3 version only
- High integrity earthing as standard
- BS 1363

Part number	Description	Qty
E251WE	1 into 2 switched	1
E251BP	1 into 2 switched blister packed	1
E25DF32WE	2 into 3 switched	1
E25DF32BP	2 into 3 switched blister packed	1



1 to 2 gang



2 to 3 gang



Converta wiring accessories are an ideal retrofit component for existing installations. They allow single to double, or double to triple conversion of standard flush-mounted wiring accessories without the need for additional cabling or chasing.



- Private or public sector, domestic or commercial applications
- Allows 2 gang socket to fit on 1 gang box or 3 gang socket to fit on 2 gang box
- Quick and easy replacement
- Saves time and money
- Reduces the need for redecorating
- Virtually indestructible polycarbonate front plate
- Dual earth for easy installation





E32WE

Wall plates

■ BS 5733

Part number	Description	Qty
E31WE	1 gang flush plate	1
E32WE	2 gang flush plate	1
E33WE	3 gang flush plate	1
E34WE	4 gang flush plate	1
E35WE	5 gang flush plate	1
ET36WE	6 gang flush plate	1
32WE	2 gang architrave plate	1
E31WPWE	IP54 1 gang plate for mechanisms	1



301SMWE



30MD20WE

Switch mechanisms

■ BS 60669-1

Part number	Description	Qty
301SMWE	10A 1 way 2 terminal	1
302SMWE	10A 2 way 3 terminal	1
30MIWE	10A intermediate switch module	1
39MWWE	10A 4 terminal 3 position 'LO-OFF-HI'	1
30USMWE	250VA 20A/16AX universal switch mechanism	1
30MD20WE	20A DP	1
30TKMWE	20A 2 way toggle key actuated	1
30M35WE	35A 2 way 4 terminal	1



30MBPNWE

Bell push mechanisms

■ BS 60669-1

Part number	Description	Qty
30MBPWWE	15A 440V bell push button - White	1
30MBPNWE	15A 250V push button with neon - White	1
30MBPRWE	10A bell press button marked 'PRESS' - White	1



30NRD

Neon indicator, light mechanisms, fuse units and surge protection

■ BS 5733

■ BS 5518

■ BS 1363

Part number	Description	Qty
30NRD	250V neon indicator - Red	1
30NGR	250V neon indicator - Green	1
32E450LMWE	400VA dimmer to suit low voltage transformer - White	1
32E450TMWE	400VA dimmer to suit low voltage transformer trailing edge - White	1
30FSWE	13A fuse carrier - White	1
30SFMOP	Surge Filter	1



30RJ45SMA5SHWE

TV & data outlets

Part number	Description	Qty
30RJ45SMA5SHWE	CAT5 mechanism with shutter - White	1
30RJ45SMA6SHWE	CAT6 mechanism with shutter - white	1
30TV75MSWE	75 ohm crimp type - screw fixed TV antenna socket	1
30PFMWE	F type satellite connector - white	1



9WE

Screw and caps

Part number	Description	Qty
31J	Securing screws for mechanisms	10
9WE	Plain screw caps - White	10
30PWWE	Moulded removable plugs - plain	1



Weatherproof IP66 & IP55

Our weatherproof range are tough, durable options for outdoor or more arduous environments. Socket outlets are IP66 or IP55 rated for even greater weather resistance.

The smooth, curved design also delivers on aesthetic appeal whilst providing a high performance application. The range is available as 1 to 3-gang switches, 20AX switches and 1 to 2-gang sockets, together with an RCD protected 2-gang socket outlet for essential personal protection.

Features & benefits:

Consumer

- > Smooth, curved aesthetic design
- > Manufactured from tough, durable thermoplastic
- > IP66 for maximum weatherproof protection whilst in use
- > IP55 for general outdoor weatherproof protection

Installer

- > Standard knockouts for 20mm conduit entry with additional cut-out facility to convert to 25mm conduit entry
- > IP66 sockets accept standard 13A plugs including moulded on plugs
- > Switches can be operated through membrane, thereby maintaining full IP rating



GWPIU3020

IP66 – 13A socket outlets

- BS 1363
- IP66 maintained whilst in use

Part number	Description	Qty
GWPIU3050	1 gang unswitched	1
GWPIU3060	2 gang unswitched	1
GWPIU3020	2 gang switched	1



GWPIU3020R

IP66 – 13A RCD socket outlets

- BS 7288
- IP66 maintained whilst in use

Part number	Description	Qty
GWPIU3020R	2 gang RCD 30mA - active	1
GWPIU3020RP	2 gang switched RCD 30mA Passive Passive devices do not require resetting in the event of power failure	1



GWP9000

IP66 grid enclosure & grid modules

- BS 5733
- BS EN 60670

Part number	Description	Qty
GWP9000	2 module enclosure	1
GWPIUKIT	IP66 seal kit 2 x silicone seals + 2 x mounting brackets	1

Weatherproof grid modules

- Standards (Where applicable) BS EN 60669-1, BS1363, BS 5733
- Key switch is supplied with common key

GRL2020PW	20AX 2 way and off switch module	1
GRL202KPW	20AX 2 way key switch module	1
GRL20DPNPW	20AX DP switch module with neon	1
GRL20DPKPW	20AX DP key switch module	1
GRL13FCUPW	13A SP Fuse carrier	1
GRLINDRPW	240V Red indicator	1
GRLCOPW	Cord outlet module (10mm dia.)	1



GWP1632

IP55 – 10AX switches

■ BS EN 60669-1

Part number	Description	Qty
GWP1612	1 gang 2 way	1
GWP1622	2 gang 2 way	1
GWP1632	3 gang 2 way	1
GWP1614	1 gang intermediate	1



GWP2011

IP55 – 20AX switches

■ BS EN 60669-1

Part number	Description	Qty
GWP2010	DP	1
GWP2011	DP with neon	1



GWP3020

IP55 - 13A socket outlets

■ BS 1363

Part number	Description	Qty
GWP3050*	1 gang unswitched	1
GWP3060*	2 gang unswitched	1
GWP3010*	1 gang switched	1
GWP3020*	2 gang switched	1

*IP4X whilst socket is in use



E551SS

IP55 - 13A socket outlets

■ IEC 60529

Part number	Description	Qty
E551US	13A 1 gang unswitched socket	1
E551SS	13A 1 gang switched socket	1
E552US	13A 2 gang unswitched socket	1



E5512S

IP55 - 10AX switches

Part number	Description	Qty
E5512S	10AX 1 gang 2 way switch	1
E5522S	10AX 2 gang 2 way switch	1
E55PB	10AX retractive switch	1



E55CB

IP55 - enclosure and grommets

Part number	Description	Qty
E55CB	Connection box	1
E55GP	Grommets (pk 10)	1

Kavacha

Kavacha weather protected accessories are made of heat resistant polycarbonate and utilise insulated screws for safe mounting on metal structures. They incorporate weatherproof gaskets that guarantee tight sealing to prevent penetration of water, as well as a locking facility for safety purposes.



Features & benefits:

Switches

- > A safety feature for mounting switches to metal structures is the insulating caps that cover base mounting screws to totally protect them from any live cables
- > Impact resistant base and cover can both be subjected to violent collisions. They are sealed with 1 piece of weatherseal gasket
- > Lever is pad-lockable in the “OFF” position
- > For spilt-type air-conditioner, pump and any motor applications
- > Large press dolly

Sockets

- > Usable with normal home appliance electrical plugs
- > Protection shield for socket outlet to ensure IP rating is maintained even when it is plugged
- > Drainage holes prevent accumulation of water droplets due to condensation
- > Easy lift cover
- > For swimming pool, garage, balcony and any outdoor utility areas



CSO313

IP56 - 13A socket outlets

- IEC 60529
- IEC 60669-1
- BS 1363
- BS 1363-2

Part number	Description	Qty
CSC313	13A switched socket	1
CSO313	13A 250V unswitched socket	1
CSO313Z	13A 250V twin unswitched socket	1



CSW1202

IP66 - switches

- IEC 60669-1

Part number	Description	Qty
CSW120	16A 250V 1 gang 2 way switch with looping terminal	1
CSW1202	20A 250V 2 gang 2 way switch with looping terminal	1
CSW220	20A 500V 1 gang DP isolator switch	1



WHB340RG

TP control switches

- IEC 60529

Part number	Description	Qty
WHB320RG	20A 440V TP surface mount isolator grey	1
WHB340RG	35A 440V TP surface mount isolator grey	1
WHB355RG	55A 440V TP surface mount isolator grey	1
WHC363RG	63A 440V TP surface mount isolator grey (32mm conduit entry each end)	1

Industrial switchgear

56 Series

Designed to satisfy customer needs, precisely engineered and carefully manufactured, the 56 Series is as versatile as your customers' requirements. Industrial switchgear, being one of the most important components of industry, has to be tough, safe, and able to take hard knocks and give reliable performance under adverse conditions.

The 56 Series satisfies these challenges with the use of durable engineering plastics. The 56 Series has been tested for protection against ingress of water and dust to international protection ratings IP56, and in many instances exceeds this level of protection.



Features & benefits:

Switches

- > Chemical resistant for arduous environments
- > The aesthetic appearance of the 56 Series makes it the ideal choice for installation in commercial facilities such as television studios, shopping centres and warehouses
- > 56 Series products are just as acceptable alongside a public or domestic swimming pool

Sockets

- > Quick, easy and safe wiring
- > Hi-impact polycarbonate materials proven and tested to operate in extreme temperatures from -40°C to +55°C
- > Specially formulated chemical resistance – resistant orange specifically designed for environments where harsh chemicals are used
- > Solvent bonding capability
- > Greater UV resistance
- > Modular design makes assembly simple

Designed to mix and match

What suits one industry might not be the perfect match for another. That's why the 56 Series was specifically designed to mix and match. There is an extensive choice of modules available, including switches, sockets and residual current devices.

56 Series mounting enclosures range from 1 to 9 gang. This allows assemblies to be customised - from a simple switch station to a large electrical control panel.

Accessories can be ordered without the back box by choosing the product code with LE (less enclosure) towards the end.



Captive stainless steel combination head fixings for corrosion resistance and effortless installation



8mm Padlock ON/OFF facility

Rotary ON/OFF switch



Permanent laser engraved ratings and specifications are durable & clearly displayed.



Redesigned transparent socket cover for improved visibility, strength & accessibility.



Larger and easy-to-use latch design. Socket cover automatically closes to ensure IP rating is maintained. Padlocking option available.





56SO313LEGY

IP66 - 13A socket outlet

- IEC 60529
- BS 1363

Part number	Description	Qty
56SO313GY	13A 250V 3 pin socket outlet with enclosure - Grey	1
56SO332GY	32A 240V socket outlet with enclosure - Gre	1
56SO520LEGY	20A 220/250V 5 pin surface socket outlet - Grey	1
56SO313LEGY	13A 250V 3 pin surface socket outlet - Grey	1
56SO313RO	13A 250V 3 pin surface socket outlet - Resistant Orange	1
56C3134ELGY	13A 250V 1 gang socket with RCD protection - Grey	1
56C31324ELGY	13A 250V 2 gang socket with RCD protection - Grey	1
56CV313LEGY	13A 250V 1 gang combination surface switched socket outlet	1



56FCULEGY

IP66 - fuse units

- IEC 60529

Part number	Description	Qty
56FCULEGY	15A 250V switched fused spur - Grey	1



56SW120LEGY

IP66 - rotary switch

- IEC 60669-1
- IEC 60529

Part number	Description	Qty
56SW110GY	10A 240V 1 way rotary switch with enclosure - Grey	1
56SW110LEGY	10A 250V 1 way rotary switch - Grey	1
56SW110LERO	10A 250V 1 way rotary switch - Resistant Orange	1
56SW120LEGY	20A 250V rotary switch - Grey	1
56SW120LERO	20A 250V rotary switch - Resistant Orange	1
56SW132LEGY	32A 250V rotary switch - Grey	1



56SW220LEGY

IP66 - DP switch disconnecter

- BS EN 60947-3

Part number	Description	Qty
56SW220LEGY	20A 500V DP switch disconnecter - Grey	1
56SW220LERO	20A 500V DP switch disconnecter - Resistant Orange	1
56SW232LEGY	32A 500V DP switch disconnecter - Grey	1
56SW232LERO	32A 500V DP switch disconnecter - Resistant Orange	1



56SW332LERO

IP66 - TP switch disconnector

■ BS EN 60947-3

Part number	Description	Qty
56SW310LEGY	10A 500V TP switch disconnector - Grey	1
56SW320LEGY	20A 500V TP switch disconnector - Grey	1
56SW320LERO	20A 500V TP switch disconnector - Resistant Orange	1
56SW332LEGY	32A 500V TP switch disconnector - Grey	1
56SW332LERO	32A 500V TP switch disconnector - Resistant Orange	1
56SW363LEGY	63A 500V TP switch disconnector - Grey	1
56SW363LERO	63A 500V TP switch disconnector - Resistant Orange	1
56SW350LEGY	50A 500V TP switch disconnector - Grey	1



56SSW15LEGY

IP66 - control switches

■ IEC 60669-1
 ■ IEC 60529

Part number	Description	Qty
56SSW10LEGY	10A 250V single sliding dolly switch - Grey	1
56SSW15LEGY	15A 250V single sliding dolly switch - Grey	1
56SSW15LERO	15A 250V single sliding dolly switch - Resistant Orange	1
56SSW210LEGY	10A 250V 2 way switch - Grey	1
56SSW215LEGY	15A 250V 2 way switch - Grey	1
56SW220COLEGY	20A 500V DP changeover & reversing switch - Grey	1
56SW420LEGY	20A 440V 4 pole switch - Grey	1
56SW420LERO	20A 440V 4 pole switch - Resistant Orange	1
56PBS1LEGY	Emergency stop push switch - Grey	1



56SO3166LEGY

IP66 - industrial socket outlets

■ IEC 60529
 ■ BS 1363

Part number	Description	Qty
56SO316110LEGY	16A 4h 110V surface socket outlet - Grey	1
56SO3166LEGY	16A 16h 220/250V 3 pin surface socket outlet - Grey	1
56SO3326LEGY	32A 6h 220/250V 3 pin surface socket outlet - Grey	1
56SO4166LEGY	16A 6h 380/415V 4 pin surface socket outlet - Grey	1
56SO4326LEGY	32A 6h 380/415V 4 pin surface socket outlet - Grey	1
56SO5166LEGY	16A 6h 380/415V 5 pin surface socket outlet - Grey	1
56SO5326LEGY	32A 6h 380/415V 5 pin surface socket outlet - Grey	1



56P313GY

IP66 - plugs

■ IEC 60529
 ■ BS 1363
 ■ BS 546

Part number	Description	Qty
56P310GY	10A 250V 3 pin straight plug - Grey	1
56P313GY	13A 250V 3 pin straight plug - Grey	1
56P313RO	13A 250V 3 pin straight plug - Resistant Orange	1
56P315GY	15A 250V 3 pin straight plug - Grey	1
56P313EO	13A 250V pin straight plug - Electric Orange	1



Moulded covers

- IEC 60529
- BS 5733

Part number	Description	Qty
5632LEGY	1 gang lid for 2 x E-Series mechanisms - Grey	1
5632LERO	1 gang lid for 2 x E-Series mechanisms - Resistant Orange	1
56CB4GY	2 gang lid for 4 module device - Grey	1
56CB4NGY	2 gang lid with neon for 4 module device - Grey	1
56CB4NRO	2 gang lid with neon for 4 module device - Resistant Orange	1
56L1GY	Blank lid for 1 gang enclosure - Grey	1
56L2GY	Blank lid for 2 gang enclosure - Grey	1



56E6GY



56E4VHGY



56E3GY

Surface mounted enclosures

- BS EN 60947-3

Part number	Description	Dimensions	Qty
56E1GY	Surface mount 1 module - Grey	101 x 101 x 63mm	1
56E1RO	Surface mount 1 module - Resistant Orange	102 x 101 x 63mm	1
56ED2GY	2 gang deep - Grey	198 x 101 x 100mm	1
56E2GY	2 gang - Grey	198 x 101 x 63mm	1
56E2RO	2 gang - Resistant Orange	199 x 101 x 63mm	1
56E3GY	3 gang - Grey	294 x 101 x 63mm	1
56E3RO	3 gang - Resistant Orange	294 x 101 x 63mm	1
56E4GY	4 gang - Grey	198 x 198 x 63mm	1
56E4RO	4 gang - Resistant Orange	198 x 198 x 63mm	1
56E4VHGY	4 gang vertical - Grey	391 x 101 x 63mm	1
56E6GY	6 gang - Grey	294 x 198 x 63mm	1
56E6RO	6 gang - Resistant Orange	294 x 198 x 63mm	1
56E8GY	8 gang - Grey	391 x 198 x 63mm	1
56E8RO	8 gang - Resistant Orange	391 x 198 x 63mm	1
56E9GY	9 gang - Grey	294 x 294 x 63mm	1
56ES1GY	Surface mount 1 module shallow - Grey	101 x 101 x 38mm	1
56ES2RO	Surface mount 2 module shallow - Resistant Orange	198 x 101 x 38mm	1
56ES2GY	Surface mount 2 module shallow - Grey	101 x 101 x 38mm	1



56FA1GY



56C313GY



56FCUGY



56JB1GY

Flush mounting surrounds

Part number	Description	Qty
56FA1GY	1 gang flush surround - Grey	1
56FA2GY	2 gang flush surround - Grey	1
56FA3GY	3 gang flush surround - Grey	1
56FA4GY	4 gang flush surround - Grey	1

Combination devices

- IEC 60529
- BS 1363

Part number	Description	Qty
56C313GY	13A 250V 3 pin combination surface switched socket outlet - Grey	1
56SO313GY	13A 250V 3 pin surface socket outlet - Grey	1
56SO332GY	32A 250V 3 pin surface socket outlet - Grey	1

Switched fused connection units with enclosure

- IEC 60529

Part number	Description	Qty
56FCUGY	15A 250V switched fused spur - Grey	1

Junction box

- IEC 60529
- BS 5733

Part number	Description	Qty
56JB1GY	1 gang junction box - Grey	1

Technical information



Functional principle

Conventional electrical installation within a building is wired. Where wiring becomes too complicated or is simply impossible, radio can be used.

Using radio systems makes sense especially when:

- Customer requirements change and functions need to be upgraded.
- A house or flat needs to be modernised.
- Flexibility is a requirement for the installation.

A huge number of functions within a conventional electrical installation can be achieved with the CONNECT radio system:

- Switching lights on/off
- Dimming lights
- Blind control
- Scenes

“Scenes” can be programmed. Not only can one function be carried out at the push of a button but several different ones (for example switching on lights and simultaneously moving roller shutters). An additional advantage of the CONNECT radio system is that it is a bi-directional radio network. That means that all devices can transmit and receive signals simultaneously. It is possible for signals to be routed or for alternative radio transmission paths to be used (e.g. during temporary faults).

Other properties:

- Secure transmission using frequency range 868 MHz
- Clear addressing enables interference-free operation of multiple radio systems side by side
- Very flexible installation and configuration
- Implementation of groups and scene controlling options
- The extensive range of products covers areas of application such as:
 - Lighting control
 - Roller shutter control
 - Staircase lighting function
 - Scenes
- No cable required, due to the use of battery-powered transmitters
- Extension of existing installations
- Extremely flat battery-powered push-button, e.g. for attaching to glass
- Indoor transmission range: around 30 m (depending on installation site and building characteristics such as materials and wall thicknesses)
- Range in free field: approx. 100 m

Configuration

You have two configuration possibilities, depending on your requirements:

The EASY CONNECT method

For connecting max. five devices which are in the direct vicinity of each other (e.g. in one room). Configuration is carried out manually.

Using the CONNECT radio configuration tool

For systems between different rooms with up to 100 devices. To do this you will need the CONNECT radio configuration tool which offers configuration, documentation and diagnostic tools. Configuration is carried out using a PC.

System administrator

For both configuration methods, one device must always be included as a “system administrator”. Information is saved in the system administrator, for instance routing tables, the functions of all integrated devices as well as a defined network ID and device IDs. A system administrator must therefore be available when programming or carrying out changes.

The device allocated the system administration function must be in a fixed location which is easily accessible. We therefore recommend you use a push-button (e.g. radio push-button 1-gang/2-gang) as a system administrator. You can see which devices may be used as system administrators in the following tables.

In the following, the push-button which is to adopt the system administrator function is referred to as the “system administrator”.

The following symbols can be found in the following circuits and device tables:

Symbols



The device can assume the functions of the system administrator. We recommend you use only fixed devices as system administrator (e.g. CONNECT radio push-button, 1-gang).



The device has the routing function. It automatically relays signals and maintains fault-free operation.



The device transmits signals.



The device receives signals and switches accordingly e.g. light or roller shutter.



The EASY CONNECT method is not available or only available with restrictions.



Z-Wave standardThe device is compatible with Z-wave products from other manufacturers.

EASY CONNECT

The EASY CONNECT configuration method is used when the radio network consists of maximum five devices, which are located in direct reception range of each other (e.g. in a room).

Easy Connect

Requirements

- With new radio systems the push-button, on which a receiver is firstly programmed, manages the system administration. The system administrator is installed last of all as you will need to be able to move it near the devices which are to be programmed.
 - Install all devices, except for the system administrator, at their final installation locations and connect them.
- Connect the loads to the receivers. Some receivers use the load to display confirmation of commands received during the learning process.

Teaching devices

Connections between devices are established by first teaching all receivers individually to the system administrator. Subsequently, additional transmitters are taught to the system administrator. During this procedure the connections and functions of the system administrator are copied to the transmitters. That means the transmitters carry out the same functions as the system administrator.

The teaching process

Only three steps are necessary to carry out teaching. Basic procedure:

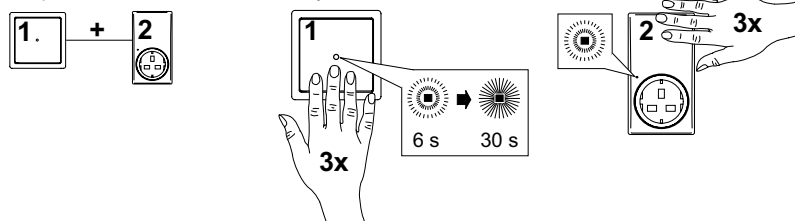
- 1 Move the (prospective) system administrator into the vicinity of the device which is to be taught.
- 2 First of all press the key on the (prospective) system administrator three times within approximately 1.5 seconds.
 - If a system administrator does not yet exist, the LED will start to flash for approximately 6 seconds and then will light up continuously for approximately 30 seconds.
 - If a system administrator exists already, the LED will immediately light up for 30 seconds.

You have time to teach a different device during the 30-second period when the LED lights up continuously.
- 3 Press the key/programming button/sensor surface on the device to be taught three times within approximately 1.5 seconds. This is confirmed by the LED lighting up for approximately 1 second.

The system administrator and the device which was to be taught are now connected with each other. If you want to teach additional devices, repeat the three steps.

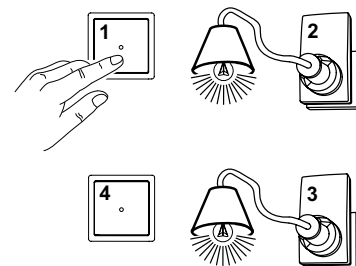
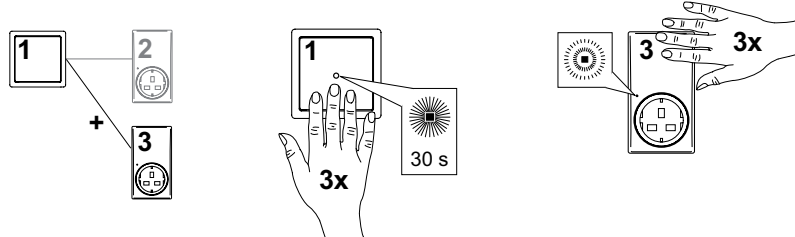
Example: Installation of a two-way circuit with two receivers:

Step 1: Teach receiver 2 to the system administrator.

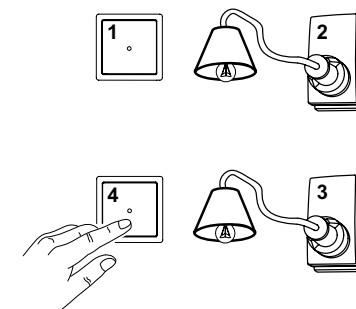
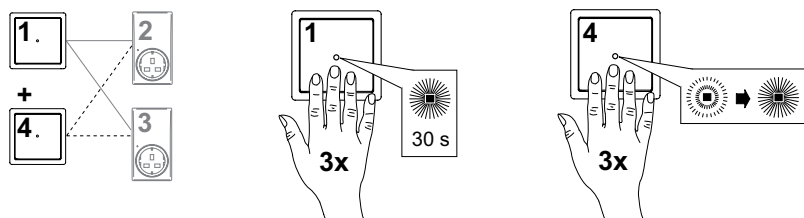


Result: You have installed a two-way circuit with two transmitters (push-buttons) and two loads.

Step 2: Teach receiver 3 to the system administrator.

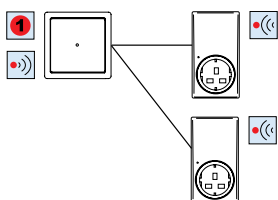
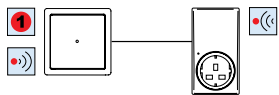


Step 3: Teach transmitter 4 to the system administrator

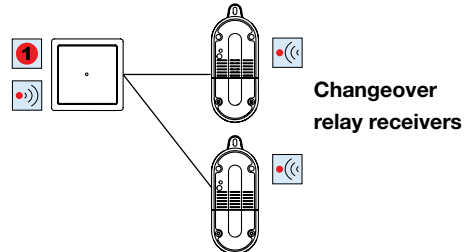


Easy Connect circuit diagrams

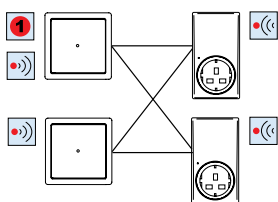
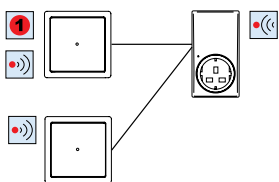
One-way circuit



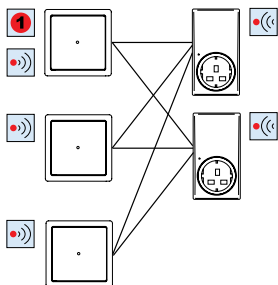
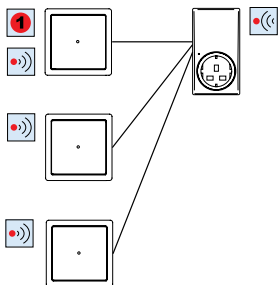
Roller shutter control



Two-way circuit

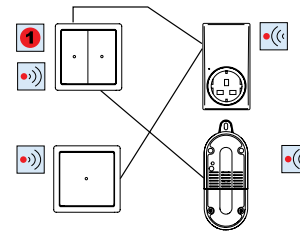
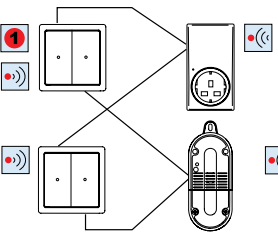
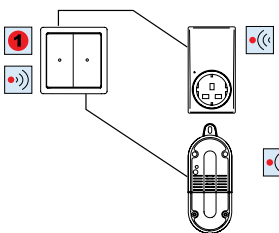


Intermediate switch circuit

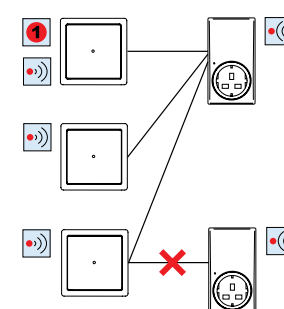
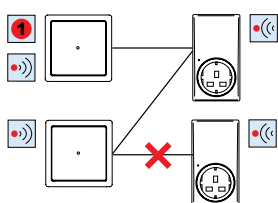
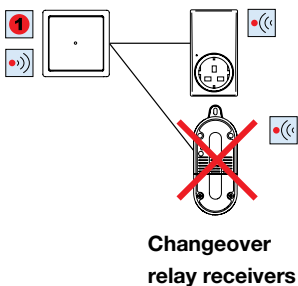


The CONNECT 1-gang radio push-button is always assigned the function of the left key on the system administrator.

Two-circuit switch and combinations



Combinations that are not permitted



Software configuration tool

You select this configuration method when you want to set up a radio network between rooms. The system is capable of managing up to 100 devices.

Requirements

- You need a laptop, the “CONNECT radio configuration tool” software and the “CONNECT radio USB data interface”.
- Ensure that receivers are distributed throughout the entire building. Receivers are able to route radio commands. If a radio transmission path is temporarily disrupted, other receivers within range can route the radio commands. The more receivers in range of the transmitter and of each other, the more reliable and stable operation will be.
- If a CONNECT radio system device has been previously programmed, it is recommended to reset to factory settings before trying to integrate it into a new system.

Setting up a new CONNECT radio system

Basic procedure:

- 1 Install devices
- 2 Connect the configuration tool/program the system administrator
- 3 Register devices
- 4 Insert function channels in the “Building view”
- 5 Connect devices
- 6 Program devices

Installing devices

Install all the devices at their final installation locations and connect them. This is necessary as the devices recognize where other devices capable of routing radio commands are located even when being registered.

Connect the loads to the receivers. Some receivers use the load in order to confirm commands received.

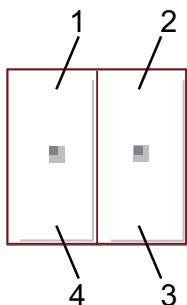
Connecting the configuration tool/programming the system administrator

The configuration tool must be connected to the network in order to register new devices or to change an existing radio network. The connection is always made via the system administrator. Therefore you are prompted to actuate the system administrator or the prospective system administrator (three times within approximately 1.5 seconds). The system administration is then transferred to the configuration tool so that you may set up or change the system. As soon as the configuration tool is disconnected from the radio network, the system administration is transferred back to the original system administrator.

Registering devices

Once the configuration tool is connected to the radio network, you must register the devices. Here the configuration tool reads out all of the devices' information in order to be able to integrate them into the radio network. Register all the receivers first and then all the transmitters in a room. Only receivers are able to route radio commands. Information about which receivers are present is also stored in the transmitters. In order to register a device you must actuate it three times within 1.5 seconds. To confirm, the receivers briefly change their current switching status; on the transmitters, the LED in the push-button flashes. The device to be registered must be located in the direct vicinity of the “CONNECT radio USB data interface” connected to the laptop.

Software configuration tool



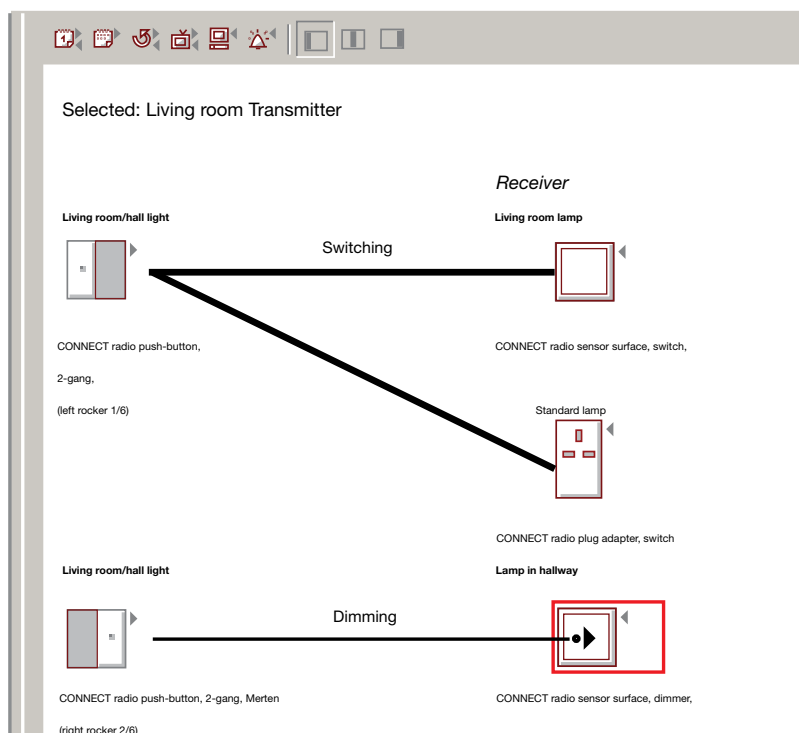
Inserting function channels in the “Building view”

A device has one or several function channels which are used to carry out functions. A 2 gang push-button, has up to four channels, for instance:

Each of these channels can be allocated a function via a connection. The functions available depend on the properties of the device. The individual function channels are shown in the building view as a tree-structure according to their logical arrangement (place of actuation/operation). The logical arrangement is usually the same as the installation location.

Connecting devices

If the devices have been registered and the function channels have been inserted in the building view, you have to link the individual devices or their function channels. This is done graphically by simply dragging a line from the transmitter to the receiver. The configuration tool automatically detects which functions are available for the connected channels and sets a logical function for this connection. Example: If you connect a push-button to a dimmable plug adapter, the dimmer function will then automatically be set. The channels are pre-set for each device but can be changed.



Programming devices

In the final step, the information must be supplied to the individual devices. This is done by programming the individual devices. The laptop must be connected to the radio system and be in direct reception range of the device which is to be programmed.

Note: You always find the latest updates in the download section of www.schneider-electric.com/uk

Ease of installation

- Insulation displacement contacts (IDCs) with easy, fast connection using the universal connector tool
- The system is easy to adjust with the test kit; simply check the amplification level and the overall signal level

Scalability

The LexCom Performance VDI system has open interfaces to existing and future applications (wireless, voice over IP, digital video, etc.), thus giving the user complete freedom of choice (some restrictions may apply).
The standard LexCom Performance solution offers one unit for 8 telecommunication outlets. When greater resources or distribution capacity are needed, simply add a second unit daisy-chained to the first.

Aesthetic and functional integration

The LexCom Performance core unit, attractive and discreet, can be easily integrated into the house, due to:

- Limited space requirements
- Installation on DIN rail very appropriate for modular enclosures
- Attachment to 10" mounting for incorporation in 10" VDI cabinet (supplied by others)
- Side clips for wall mounting or any other horizontal mounting method

Ease of use

- No cross-connection required: once the core unit has been connected to the phone cable end, the TV cable or aerial and the data selector switch, the user can access all supported services from the telecommunication outlets
- Simply connect radios, TV sets, telephones and data applications with the correct cord to one of the 8 predefined links to obtain the desired application
- One of the two phone lines can be selected on each of the links at any time

Satellite TV

LexCom Performance will not transmit feeds from the LNB of a satellite receiver. To achieve the same satellite channel in multiple rooms you must use the RF output on the receiver and connect to RF in on the LexCom Performance unit.

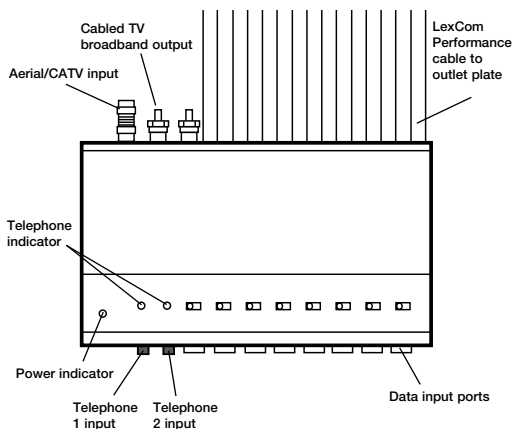
Cable TV

The LexCom Performance system will allow the use of multiple cable receivers within the home. Restrictions to interactive services will apply as the LexCom Performance does not accommodate for return path.

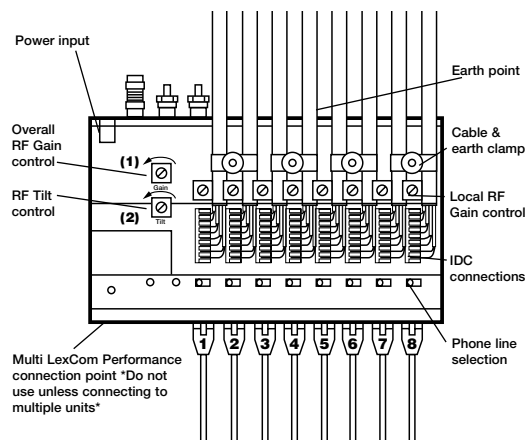
Broadband

With the LexCom Performance system you can have access to a high speed broadband networks that can provide you video, entertainment, online gaming, plus the ability to download music and video. Other opportunities include VoIP (Voice over IP), SOHO (small office, home office), home schooling, and many more.

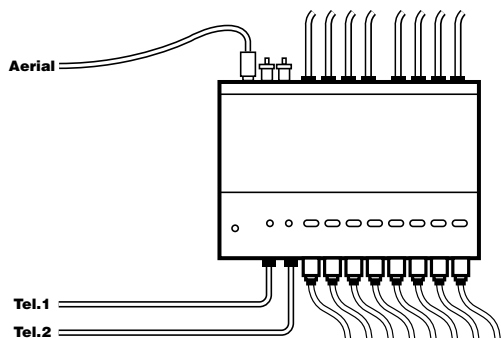
LexCom Performance core unit



LexCom Performance external view



LexCom Performance internal view



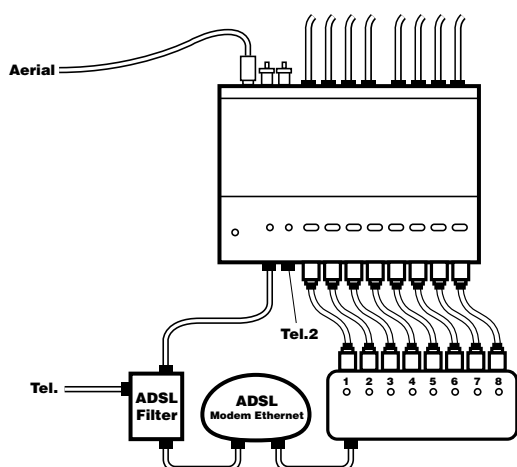
TV/RF input & data

Output will provide:

- A connection to the TV aerial and other RF signals
- Choice between the two phone lines
- Access to the local computer network

Consists of:

- 1 TV aerial connection
- 2 phone lines
- Data switch



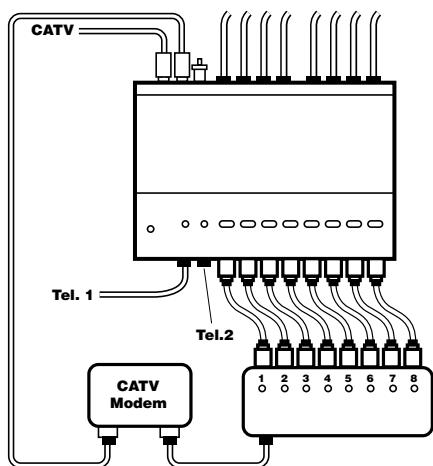
TV/RF input ADSL broadband plus

Output will provide:

- A connection to the TV aerial and other RF signals
- Choice between the two phone lines
- Access to internet

Consists of :

- 1 TV aerial connection
- 2 phone lines
- 1 ADSL filter
- 1 ADSL router/modem
- Data switch if insufficient output ports on router



Cable TV and broadband internet configuration

Output will provide:

- A connection to the cable TV
- The choice between the two phone lines
- Access to internet

Consists of :

- 1 CATV connection
- 1 or 2 phone lines
- 1 CATV modem
- Data switch

The active all-in-one module provides the interface for the LexCom Performance system. The incoming services are distributed into the cable links on individual pairs by the dedicated features of the core unit, such as;

- Broadband amplifier for TV/Radio with separate output stages
- Data panel with true cat.6 link performance
- Telephone line splitter with support of 2 different lines (maximum of 4 ren per line)

The system requires LexCom Performance cable in its use to accommodate a link length from 2 to 50 metres.

Below the cover, the links are terminated to the unit, and turning-adjustment of each output stage is done per link to adapt for the lengths. Also global adjustments for Gain and Tilt of the incoming CATV line is possible.

If more than 8 outlets are needed in an installation, 2 or more core units can be daisy chained to achieve 16, 24,..outlets capacity.

The core unit includes power supply and connection cords for the telephone line inputs.

A 4-pair high bandwidth and double shielded installation cable for LexCom Performance applications. It offers Superior shielding with each pair individually shielded in metal foil and the overall tinned copper wire braid (S/STP).

The cable is specifically matching the applications in the LexCom Performance system, using the well known colour coding from LAN installations.

The LexCom Performance installation cable can be used in both surface and flush mounted installations and shows excellent resistance to damage and reduction of performance due to stress from the installation work.

The cable is offered in both 120 m box and 300 m drums, where the box is matching the average cable need for an apartment installation.

Core unit electrical and technical data

Power consumption	14W max
Bandwidth	47-862 MHz (CATV on all links)
Gain forward	Global = -5 / +15 dB
Tilt (equalizer)	Global = + / - 6 dB
Input level	60-77 dBµV (CATV RF input)
Return loss	-10 dB min. (CATV RF input)
Insertion loss	RF input to DATA = 4 dB
	RF input to TEST = 10 dB
	DATA to RF input = 4 dB
Screening attenuation	> 90 dB (class A)
Impedance input	75 Ohm (CATV RF input)
Input voltage	12 Vdc

Construction and material data

Input interface	Tele lines: 2 x RJ11
	Data ports: 8 x RJ45 STP
	CATV RF: F-conn. (fe-male)
	Security line: RJ3 1X
Output interface	Power supply: 5.5mm jack (+ on centre)
	Cable links: LSA punch down (TIA568B)
	CATV test: F-conn. (fe-male)
	CATV data: F-conn. (fe-male)

Standards and approvals

Application standard	EN50083-2: emission and immunity
Cabling standards	EN50173:2002 Cat.6 PL

Installation cable electrical and technical data

Attenuation	47 dB @ 600 MHz / 100 meter
Bandwidth	0 - 900 MHz
Impedance	100 Ohm nom.
NEXT	93 dB @ 100MHz
	80 dB @ 300 MHz
	75 dB @ 600 MHz
Signal Velocity	0.8 c
Bending radius under installation	Min. 65 mm.
Bending radius Installed	Min. 30 mm.
Temperature, Installation	0 °C to +50 °C
Temperature, Operation	-20 °C to +60 °C

Construction and material data

Material	LSFROH
Weight	55 kg/km
Printing	Home installation cable 2x4xAWG23 SSTP
Calorific Value	0.55 MJ/m
Cable Ø	7.1 mm
Colour: conductor	White/Blue, white/orange, white/green, white/brown
Colour: sheath	White RAL 9010

Standards and approvals

Absence of halogens	ISO 60754-2
Flame Retardance	ISO 60332-1 / -3
Application standard	EN 50173-1
Cable standards	EN 50288-5-1
Application standard	ISO 11801

Trouble shooting	Recommendations and installation
Telephone Connections	For all telephone connections, you have to use a two wire line adaptor in order to avoid any short circuit or non-functioning of other services (TV & data).
Security Input	Do not use the Security Input unless used with the stacking cord. Failure to do so will cause permanent damage of line one.
Non-functioning telephone	If the telephone line 1 does not work, but that the telephone line 2 still works, the line 1 could have been damaged by the RJ11 plug connected in the security socket. If it is the case, please contact Schneider Electric Ltd.
PABX	Where a PABX is in use, you must use 1Pair telephone cord between the PABX and line 1 or line 2. If the PABX requires more than 1Pair, it will not be compliant with the LexCom Performance system with the potential risk of damaging the PABX.
Noise on the telephone line 1 or line 2	<p>If noise on the telephone line 1 or 2, check the system :</p> <ul style="list-style-type: none"> * without the ADSL filter, * by plugging directly the telephone on the telephone line from the operator (disconnection of the LexCom Performance). <p>If no noise occurs when doing these operations separately, the problem should come from the mismatch impedance between the used telephone and the LexCom Performance.</p>
Poor TV picture	Adjust Gain and Tilt to improve signal
Poor/No TV signal using triple play	Ensure the correct input cable is used from wall outlet plate to triple play
Data/broadband cable	The dedicated LexCom Performance cables must be used for all data and broadband services
Data input to LexCom Performance	Cat 5, Cat 5E, Cat 6 or dedicated LexCom Performance cables can be used as inputs
Frequently asked questions	Answers
Can I distribute HDMI over LexCom Performance?	LexCom Performance will distribute RF television, data and telephone
What is the minimum and maximum single length I can run LexCom Performance cable?	min. 2m, max. 50m
Can I use Cat. 5 or Cat. 6 cable?	No, bandwidth is insufficient on Cat. 5 and Cat. 6 cable
Is it possible to receive more than one signal from one outlet?	Yes. Incorporating a Tripleplay splitter enables you to connect to TV, Data and telephone at one LexCom Performance outlet.
Do I need to run 3 cables to each wall outlet?	One of the many advantages of LexCom Performance is that you only need to run one cable to each LexCom Performance outlet
Can I have infra-red control over my equipment?	Yes, by using a seperate RF to IR Convertor (available seperately from retail outlets)
Can I distribute cable or satellite broadcast?	<p>LexCom Performance will not transmit feeds from the LNB of a satellite receiver. To achieve the same satellite channel in multiple rooms you must use the RF output on the receiver and connect to RF in on the LexCom Performance unit.</p> <p>The LexCom Performance system will allow the use of multiple cable receivers within the home. Restrictions to interactive services will apply as the LexCom Performance does not accommodate for return path.</p> <p>With the LexCom Performance system you can have access to a high speed broadband networks that can provide you video, entertainment, online gaming, plus the ability to download music and video. Other opportunities include VoIP (Voice over IP), SOHO (small office, home office), home schooling, and many more.</p>

Recommended quantity of socket outlets for domestic installation

Inadequate installations can occur when not enough socket outlets have been installed or where the existing sockets are located in the wrong areas. This could lead to potentially dangerous improvisations.

The table below summarises the recommendations of the Electrical Installation Industry Liaison Committee (EILLC) regarding the minimum number of twin switched socket outlets per room, suitable for domestic installations. This takes into account likely uses and likely trends.

Room	Number of sockets	Room	Number of sockets
Kitchen	4	Landing/stairs	1
Lounge	6	Hall	1
Dining room	3	Garage	2
Double bedroom	3	Store/workroom	1
Single bed-sitting room	3	Central heating boiler point	1

Wiring circuits for 6AX and 10AX switches

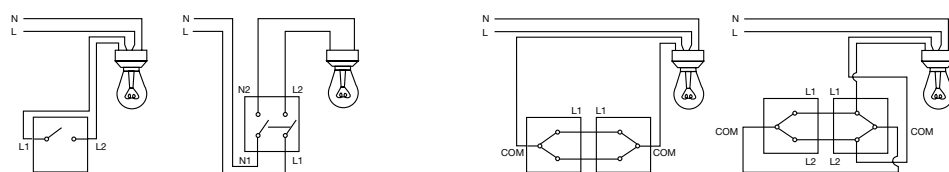


Diagram A – One way circuits

Diagram B – Two way circuits

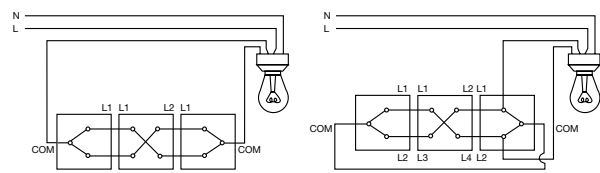


Diagram C – Intermediate circuits

Note: 1 way or 2 way switches can be replaced by dimmer switches. Rotary dimmers are 1 way only whilst Push dimmers are 2 way. LV dimmers are suitable for use on the LV input side only.

Accessories mounting box

Product	Description	Ultimate white moulded	Exclusive white moulded	Ultimate metal plate	Exclusive metal plate
6AX/10AX plate switches	1-2 gang	16mm	16mm	16mm	25mm
	3 gang	25mm	25mm	25mm	25mm
	4-6 gang	25mm	25mm	25mm	25mm
	TP isolator	25mm	25mm	25mm	25mm
Dimmer switches	1 & 2 gang	**16mm/25mm	**16mm/25mm	25mm	25mm
	3 & 4 gang	25mm	25mm	25mm	25mm
Socket outlets	1 gang	25mm*/35mm	25mm	25mm*/35mm	25mm
	2 gang	25mm*/35mm	25mm	25mm*/35mm	25mm
	3 gang		25mm		
Round pin sockets		25mm	25mm	25mm	25mm
RCD socket outlets	1 & 2 gang		25mm		25mm
Fused connection units		25mm	25mm	35mm	25mm
Flex outlet plates		25mm	25mm		
20AX key switches		25mm	25mm	25mm	25mm
20AX DP switches		25mm	25mm	25mm	25mm
32A DP plate switches	1 gang	47mm	47mm		47mm
	2 gang	47mm	47mm	47mm	
45A DP switches	1 gang	47mm	47mm		47mm
	2 gang	47mm	47mm	47mm	
45A DP ceiling switch			47mm		
Cooker connection units		47mm	47mm	47mm	47mm
Cooker terminal box		47mm	47mm		
Shaver sockets		47mm	47mm		47mm
Telephone socket outlets	Master & secondary	25mm	25mm	25mm	25mm
Co-axial socket outlets	Single & twin	25mm	25mm	25mm	25mm
Diplex and triplex		25mm	25mm	35mm	25mm
Satellite socket		25mm	25mm	25mm	25mm
RJ45 & RJ11		35mm	35mm	35mm	35mm

Note: Metal clad accessories are supplied complete with a 42mm surface mounted box in the same matching finish. Metal plate accessories are not suitable for mounting on surface moulded pattresses.

*Dependent upon wiring configuration

**For 16mm flush fitted steel boxes use adaptor plate supplied when mounting 2 Way Ultimate slim line moulded dimmer switches

Dimmer switches

General Information:

When specifying dimmers it is advisable to obtain as much information as possible to ensure suitability and compatibility of products. Consider the following:

- Type of lamps/lighting
- Type of control gear used in the light fittings, (if applicable) e.g. type, make and model number of transformer or ballast, etc
- Number of light fittings/load of each dimmer
- Number of circuits/dimmers
- Number of dimmers on each plate
- Number of switching positions for each circuit
- Any requirement for dimming lights from more than one position

1 gang plate size			
Dimmer modules	Max.each dimmer	Min.each dimmer	Total per plate
1	250W	60W	250W
1	400W	60W	400W
1 (Electronic)	300VA	60VA	350VA
2	250W	60W	500W
2 (Electronic)	200VA	60VA	400VA

Maximum load of 400W for the plate should not be exceeded.

Dimmer modules	Max.each dimmer	Min.each dimmer	Total per plate
1	1000W	100W	1000W
3	250W	60W	750W
4	250W	60W	1000W

Maximum load of 1000W for the plate should not be exceeded.

Schneider Electric mains dimmers are NOT designed for dimming with any form of Low Voltage transformer. For this application a suitably rated Low Voltage Dimmer Switch should be used.

Maximum permitted loads in Watts for multiple dimmers in a single enclosure									
Front plate gang size	2	3	4	6	8	9	12	18	24
Per row (max rating W)	400	480	480	480	480	480	480	480	480
Total plate (max rating W)	400	480	480	740	740	940	940	1440	1800

Dimmer guidelines

Moulded plate mounted dimmers can generally be used with the supplied pattress to replace standard wall switches (where a 16mm box depth is typically used). For flat plate mounted dimmers, 25mm boxes are required, except for the 1000W Electronic dimmer that requires a 47mm box. All rotary dimmer terminations and wiring are the same as for standard switches, i.e. COM, L2 (and also L1 for two-way dimmers). Rotary one-way dimmers can only be used for switching and dimming from one position. Rotary two-way (push) dimmers can be used to replace any one, (but not both), of the two-way switch circuit, (note that only one dimmer can be used per switch circuit or lamp(s); thus the lights can be switched from more than one position but can only be dimmed from one. With any rotary dimmer, if replacing an existing switch or dimmer, make a careful note of which wires are installed in which terminals on the old unit, and then connect them into the terminals with corresponding markings on the new dimmer. To ensure that plate temperatures are within maximum limits, maximum total connected load for a single size plate is 630W, and for a double size plate is 1000W. For Low Voltage lighting, remember to allow for transformer losses when calculating the total circuit load, typically 15% - 20%.

To use electronic dimmers in 1, 2 or more way circuits the circuit diagrams below and the Important Notes MUST be followed exactly.

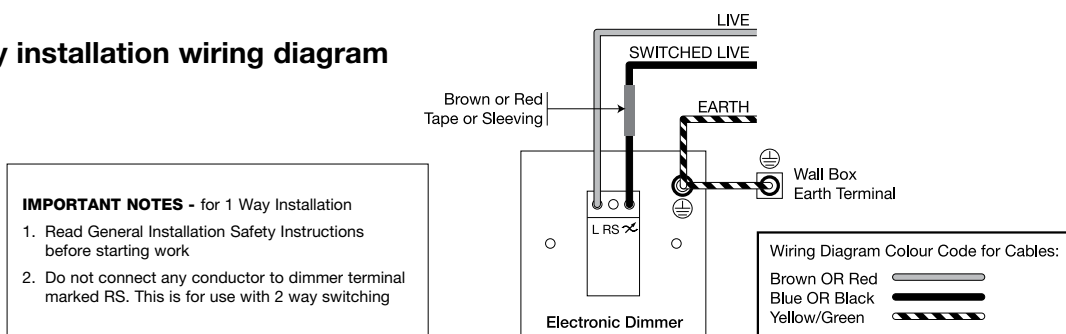
Simulated 'Off - Click'

Recent developments within the industry have resulted in rotary dimmer modules not having the positive 'Off Click' as the dimmer is switched off. This has led to consumers returning product identifying they are not functioning. To counter this Schneider Electric have a 'simulated Off'. The range has been designed to withstand a higher inrush current than others in the market. This inrush is typical when lamps turn on for the lamps 'blow'. Typically this inrush or energy surge can be up to 100 times the normal current being supplied to a lamp. For example the inrush for a 150W lamp could be up to 40NS over 10 milliseconds. A number of dimmer products in the market when tested have a maximum capacity of approximately 20NS. The Schneider Electric product has an equivalent capacity of 50NS. This, therefore means that the Schneider Electric product will last longer within installations, depending on the switching duty. A thermal fuse protects the Schneider Electric module. This will not protect the unit against an inrush but against overloads and short-circuits etc. This fuse is not self restoring or replaceable. It's function is to protect against electrical and fire damage. This requirement was not mandatory in the previous standard and therefore some modules in circulation potentially do not have the safety feature, unlike ours.

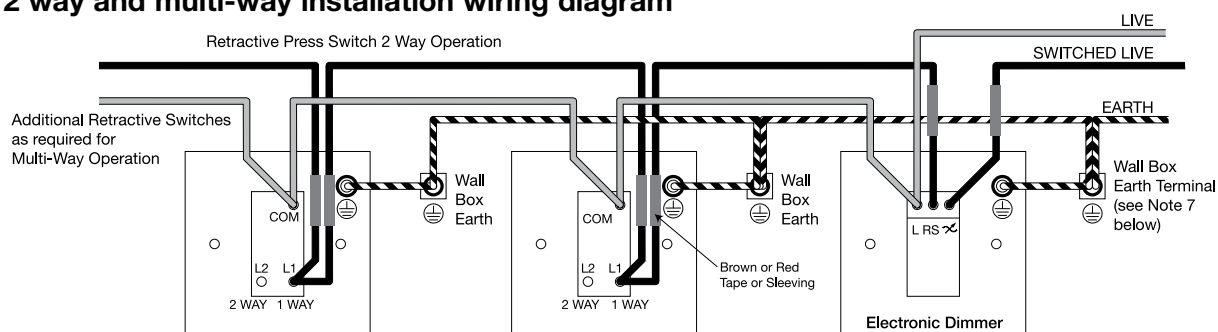
Tungsten/Mains Voltage Tungsten Halogen Lighting

Most Tungsten lamps can be dimmed; these include standard GLS lamps, candle lamps, reflector and mains voltage Tungsten Halogen lamps etc. Tungsten lamps of mains voltage halogen type (GZ10, GU10 or G9) can be dimmed using standard Tungsten dimmers. However, to protect the dimmer, it is important to de-rate the dimmers maximum rating by 50%, (e.g. for dimmer rated as SOW- 400W, it's Tungsten Halogen lamp rating becomes SOW- 200W). This de-rating requirement only applies to Plate and Grid dimmers rated up to 1500W, for other dimmers, observe individual product guidelines. While observing maximum dimmer ratings, also ensure that the connected load is not less than the minimum rating of each dimmer, otherwise the lamps may flicker and the dimmer may fail.

1 way installation wiring diagram



2 way and multi-way installation wiring diagram



Important notes - for two way and multi - way installation

1. Read General Installation Safety Instructions before starting work.
2. Any existing 2 Way or Intermediate switches MUST be replaced with Retractive Press Switches.
3. Any number of Retractive Press Switches may be installed provided total cable length does not exceed 50m.
4. Either 1 Way normally open or 2 Way Retractive Push Switches may be used.
5. If 2 Way retractive switches are used, connect to Common (COM) and normally open L1 (1 WAY) terminals as shown. Do NOT use the L2 (2 WAY) terminal.
6. If replacing an existing 2 Way switch, cut back and insulate the unused 2 way wire previously connected to the L2 (2 way) terminal.
7. All Metal Wall Boxes and Metal Plate Switches must be earthed.
8. Do NOT connect more than 1 Dimmer in the same circuit,
9. Remove label covering centre terminal on rear of dimmer. This terminal is to be connected to Retractive Switch as shown in wiring diagram. Do NOT connect any other conductor to this terminal.

Circuit, lamp and other equipment compatibility

To ensure optimum performance and reliability is obtained from dimmer switches the following recommendations and precautions should be followed as appropriate to the type of dimmer:

General recommendations

Circuits

It is recommended that all lighting circuits incorporating dimmers be protected by a 6A or up to a 10A maximum Type B miniature circuit breaker.

Tungsten halogen lamps

When using mains voltage Tungsten Halogen lamps, it is essential that these types of lamp incorporate internal fuses or are constructed such that arcing at the end of life cannot occur and are from quality lamp manufacturers. The use of inferior low quality lamps is not recommended and will invalidate any guarantee or warranty supplied with the dimmer switch.

Dimmable low voltage transformers

- Always check transformer compatibility BEFORE installation and if in doubt always check with the dimmer Helpline or the transformer manufacturer. It is recommended that electronic dimmable transformers be loaded to at least 70% of their rated maximum wattage.
- When running multiple lamps on dimmable electronic transformers ensure that all lamps are working correctly. Replace failed lamps as soon as possible as a single failed lamp may cause flickering of all other lamps connected to the same dimmer.
- Do NOT mix electronic and magnetic transformers on the same dimmer switch.
- It is recommended that a maximum number of 5 Low Voltage transformers only should be connected to an individual dimmer switch.

Electronic dimmers

Circuits

- For two-way or more switching ONLY use retractive switches. Do NOT use two-way switches.
- The live supply for retractive switches must come from the live (L) connection of the dimmer.

Lamps

- Do NOT use with Compact Fluorescent Lamps (CFL) even if marked "dimmable", Fluorescent lamps and Light Emitting Diode (LED) lamps of any description or motor loads.

Dimmable low voltage transformers

- These Electronic dimmer switches, except the 1kW, use leading edge (phase delay) dimming technology and must therefore be used with compatible good quality dimmable electronic or wire-wound (magnetic) transformers. Trailing edge (phase cut) dimmable transformers must not be used.
- The 1kW dimmer switch uses trailing edge (phase cut) dimming technology and must therefore be used with compatible good quality dimmable electronic transformers. Do not use the 1kW dimmer with magnetic transformers.

Rotary and 2 way (push) dimmers

Circuits

■ Only use two-way (push) dimmers in two-way switching circuits. Only use one two-way dimmer in a two-way switching circuit.

Lamps

■ These dimmer switches are suitable for dimming incandescent lamps and dimmable CFL lamps only and are NOT to be used with Fluorescent lamps, Light Emitting Diode (LED) lamps of any description or motor loads. Use of non-dimmable CFL lamps may permanently damage the dimmer or the lamp and will invalidate any guarantee or warranty supplied with the dimmer switch.

■ It is recommended that a maximum number of 5 dimming CFL lamps only should be connected to an individual dimmer switch.

Dimmable low voltage transformers

■ Only use Low Voltage dimmers with transformers. Do not use mains voltage dimmers.

■ The Low Voltage dimmer switches use leading edge (phase delay) dimming technology and must therefore be used with compatible good quality dimmable electronic or wire-wound transformers. Trailing edge (phase cut) dimmable transformers must not be used.

Co-Axial and Satellite sockets

Non isolated

Non-isolated products are intended for direct connection to a single or two separate TV/FM aerial downloads. These units are not designed for use in multi outlet systems.

Single TV/FM outlet for connection to a single TV or FM coaxial aerial lead.

Twin outlet for connection to each of two separate TV/FM, coaxial aerial leads.

Diplex and Triplex

Performance

Diplex

TV/FM diplex units for connection to a single coaxial aerial lead with combined TV and FM signals.

The connector standard IEC 169-2 plug for TV and IEC 169-2 socket for Radio.

Triplex

TV/FM/SAT triplex unit for connection to a single coaxial aerial lead with combined TV, FM and satellite signals.

TV: 470-860MHZ

Radio: (FM) 87.5 – 108 MHz and (DAB) 217.5 – 230 MHz.

Satellite: DC – 200kHz and 950-2300MHz.

The connector standard is 'f' for satellite, IEC 169-2 plug for TV and IEC 169-2 socket for Radio.

Telephone socket outlets

It is legal for a contractor to install a secondary telephone socket with associated wiring into house-holds with single exchange lines. The contractor may install a secondary socket and wire up to the master socket and wiring to the exchange. This does not include wiring the actual master socket or to the exchange itself. this final connection must be made by an approved installer.

For commercial and industrial installations a PBX (or PABX) internal exchange or 'intelligent' telephones are often fitted. In this case, the contractor may install all of the equipment except for the PBX unit installation. Again this must be carried out by a BSI approved installer and the interface between the PBX/PABX internal system and the incoming external lines must be connected by British Telecom.

Schneider Electric telephone sockets are suitable for use in accordance with BS 7671, formerly the 16th Edition of the IEE Wiring regulations and should be wired in accordance with the diagrams shown.

Example of typical connection

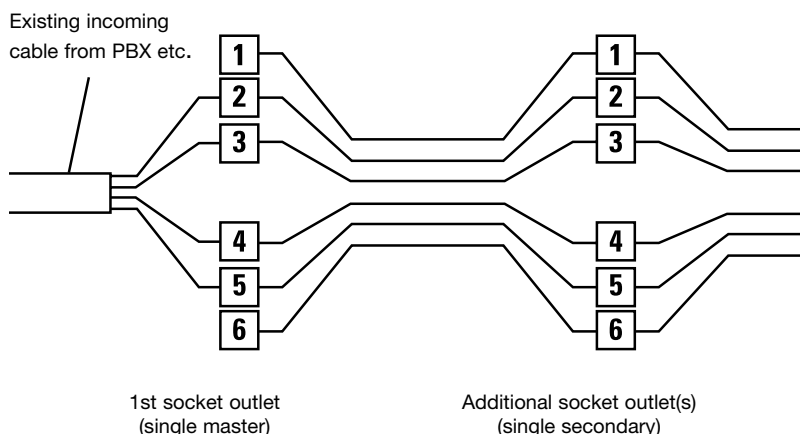
1 Connection to 2 & 5

2 Earth recall (when used) connect to terminal 4

3 Connection to terminal 3 is not usually required

NB (a) Standard 4 wire cable is shown below as incoming cable. If terminals 1 and 6 (normally unused) are required, 6 wire cable may be used.

(b) All socket outlet connections are parallel – any number of socket outlets can be connected, but it is recommended that only a maximum of 5 telephones be used at any one time on one line.



Product Type (Colour)	All mounting enclosures (ie back box)	Grey transparent covers and plugs	Resistant orange (RO) covers and plug s
Acids			
Weak Solutions			
Hydrochloric	A	A	A
Nitric 10% Concentrate	A	A	A
Sulphuric Acid 100%	A	D	D
Alkalis			
Weak Solutions			
Sodium Hydroxide 10% (Caustic Soda) Concentrate	A	D	B
Potassuim Hydroxide 100%	A-B	D	D
Automotive			
Petroleum	A	D	A
Lubricating Oils		D	A
Hydraulic Oil		D	A
Solvents			
Aliphatic hydrocarbons (alkanes)			
Methane	B	A	A
Propane	A	A	A
Alcohols			
Ethelene Glycol	A	A	A
Glycerol (Glycerin)	A	C	B
Methyl Alcohol (Methanol)	A	D	B
Ethyl Alcohol (Ethanol)	A	A	A
Amines			
Aniline	D	D	D
Aromatic Hydrocarbons			
Methyl Benzene	D	D	B
Xylene	D	D	B
Ethers			
Dimethyl Ethyl	A	A	A
Ketones			
Acetone	A	D	C
Acetophenone	D	D	C
Ethyl Methyl Ketone	D	D	C
Miscellaneous			
Detergent	A	A	A
Inorganic Salts			
Magnesium Sulphate	A	A	A
Oxidising agents			
Weak Solution			
Sodium Hydrochlorite 5%	A	A	A
Strong Solution			
Hydrogen Peroxide 30%	A	A	A
Water			
Ambient	A	A	A
Hot >60°C	C	A	B
Steam	D	D	D

This table should be used as a guide only. Any end user should test to evaluate the suitability of any chemical with any plastic.



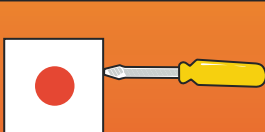



A - Excellent
Recommended no adverse effects after extended exposure.

B - Good
Acceptable minimal loss of mechanical properties after long periods of exposure.

C - Fair
Marginal acceptability.

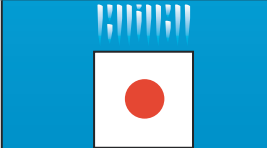







D - Poor
Not recommended for use.

PROTECTION AGAINST SOLIDS

	TEST	PROTECTION
x	No test applied	No specific protection
0	No test applied	Inherent degree of protection
1		Protected against solid objects equal to or greater than 50mm diameter. (eg. accidental contact with hand)
2		Protected against solid objects equal to or greater than 12.5mm diameter. (eg. contact with finger)
3		Protected against solid objects equal to or greater than 2.5mm diameter. (eg. tools and wires)
4		Protected against solid objects equal to or greater than 1mm diameter. (eg. fine tools and wires)
5		Protected against quantities of dust that could interfere with satisfactory operation.
6		Completely protected against dust.

Defined by IEC 60529
DIN 40050 CEI 70-1

PROTECTION AGAINST LIQUIDS

	TEST	PROTECTION
x	No test applied	No specific protection
0	No test applied	Inherent degree of protection
1		Protected against drops of water falling vertically.
2		Protected against drops of water falling at up to 15 degrees from the vertical.
3		Protected against spraying water at up to 60 degrees from the vertical.
4		Protected against splashing water from all directions.
5		Protected against jets of water from all directions.
6		Protected against jets of water of similar force to heavy seas.
7		Protected against the effects of temporary immersion.
8		Protected against the effects of continuous immersion.

Defined by IEC 60529

	Ceiling Mounted				
Product Code	SAEUEMSCUWE	SAEUEMSCSAWE	SAEUEMSCDBWE	E751	
Product Description	Single-Load 360° PIR and Ultrasonic Sensor	Single-Load 360° PIR Sensor	Dual-Load 360° PIR Sensor	Infrascan single-load 120° PIR sensor	
Operating voltage	230V 50/60Hz	230V 50/60Hz	230V 50/60Hz	200-265V 50Hz	
Field of view	360°	360°	360°	120°	
Range	12m×18m at 2.5m height	7m at 2.5m height	7m at 2.5m height	6m x 6m, 8.5m from sensor head. Head rotatable through 120°	
Mounting	Ceiling (surface / flush)	Ceiling (surface / flush)	Ceiling (flush)	Ceiling (surface)	
Single or Dual Load:	Single	Single	Dual	Single	
IR Remote Control*	SAEUEMSIR10T	X	X	X	
Incandescent	2000W	2000W	2000W	2A	
Halogen lamps 230V	1000W	1000W	1000W	2A	
Halogen w. Electronic transformer	1000VA	1000VA	1000VA	2A (iron core transformer only)	
Fluorescent tubes	900VA/100µF	900VA/100µF	900VA/100µF	X	
Energy Saving lamps	900VA	900VA	900VA	X	
IP class	IP20	IPX0	sensor IP40 , power box IP20	IP44	
Time setting	Time 1 (for lighting): Adjustable from 5 sec to 20 min Time 2 (for HVAC): Adjustable from 10 sec to 60 min	5 sec to 20 min	Time 1 (for lighting): Adjustable from 5 sec to 20 min Time 2 (for HVAC): Adjustable from 10 sec to 60 min	5 sec to 20 min (user adjustable)	
Test Mode	Yes	Yes	Yes	Yes	
Lux setting	10 - 2000 Lux	10 - 2000 Lux	10 - 2000 Lux	Continuous from 1 Lux to full sunlight	
Operating temp range	0°C to +50°C	0°C to +45°C	0°C to +45°C	0°C to +40°C	
Connection	3-wires	3-wires	3-wires	2 wires	
Parallel connection of detectors	Yes	Yes	Yes	No	
Switching modes	Auto/Off	Manual on	X	Auto mode, manual override	
Product Dimensions	Ø111.5 x 72mm Ø111.5 x 43.5mm (flush) 68mmØ Cut-out	Ø111.5 x 59mm Ø111.5 x 30mm (flush) 65mmØ Cut-out	Ø80 x 16.5mm(H) 65mmØ Cut-out	Ø 100 x 57mm(H)	

	Wall Mounted		Outdoor			
	E751R	GUPA1411BSS	GUP1411BSS	E750WPRGY	CCT56P004	CCT56P008
	Infrascan Single-load 120° PIR sensor	Ultimate screwless 90° PIR plate switch - with override	Ultimate screwless 90° PIR plate switch	Infrascan single-load 110° PIR sensor	Single-load 120° PIR sensor	Single-load 360° PIR sensor
	200-265V 50Hz	230V 50Hz	230V 50Hz	200-265V 50Hz	220-240V 50Hz	220-240V 50Hz
	120°	90°	90°	110°	120°	360°
	6m x 6m, 8.5m from sensor head. Head rotatable through 120°	5m at 1.2m height	5m at 1.2m height	18m at 2.4m height	12m (forward)	12m
	Ceiling (surface)	Wall (flush)	Wall (flush)	Wall or ceiling (surface)	Wall or ceiling (surface)	Wall or ceiling (surface)
	Single	Single	Single	Single	Single	Single
	X	X	X	X	X	X
	10A	150W	150W	10A	1000W	1000W
	10A	150W	150W	10A	900W	800W
	10A	150VA	150VA	10A	250VA	315VA
	10A	X	X	10A	200VA	250VA
	500W	X	X	500W	4 x 23W	4 x 23W
	IP44	X	X	IP66	IP55	IP55
	5 sec to 20 min (user adjustable)	15 sec – 30 min (through 7 time increments)	15 sec – 30 min (through 7 time increments)	5 sec to 20 min (user adjustable)	Approx 3 sec – 3 min, lower tolerance 2 – 6s	Approx 5 sec – 20 min, lower tolerance 2 – 8s
	Yes	No	No	Yes	Yes	Yes
	Continuous from 1 Lux to full sunlight	10 - 2000 Lux	10 - 2000 Lux	Continuous from 1 Lux to full sunlight	5 – 2000 Lux	5 – 2000 Lux
	0°C to +40°C	+5°C to +25°C	+5°C to +25°C	0°C to +50°C	-15°C to +40°C	-15°C to +40°C
	3-wires	2 wires	2 wires	3-wires	3-wires	3-wires
	Yes	Yes	Yes	Yes	Yes	Yes
	Auto mode, manual override	Auto mode, manual override	X	Auto mode, manual override	Auto mode, manual override	Auto mode, manual override
	Ø 100 x 57mm(H)	88 x 88mm	88 x 88mm	Mounting centres 84mm	With corner bracket 164mm (L) x 80mm (W) x 75mm (H) without corner brackets 140mm (L) x 80mm (W) x 75mm (H)	With corner bracket 170mm (L) x 88mm (W) x 76mm (H) without corner bracket 142.5mm (L) x 88mm (W) x 76mm (H)

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