

Schneider Electric wiring devices, lighting & air movement

LifeSpace Product catalogue



Electrical solutions

Smart home

An innovative range of affordable home automation systems. From Sphere programmable lighting control system, LexCom Performance networking system, to Ulti wireless luxury, Schneider Electric will add a new dimension to modern home living.

Wiring accessories

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

Lighting

Lighting plays a key role in contemporary design providing the right mood at the right time. The range includes LED rated downlights, low energy lighting, T4 and T5 mini battens and amenity drum lighting.

Ventilation & heating

Effective air movement equals comfort and hygiene for homes and offices alike. With contemporary styling in mind, recent additions to the Cyclone range of aluminium and glass panel extractor fans help to complement a range of interiors.



Look for energy saving products throughout this edition

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Smart home

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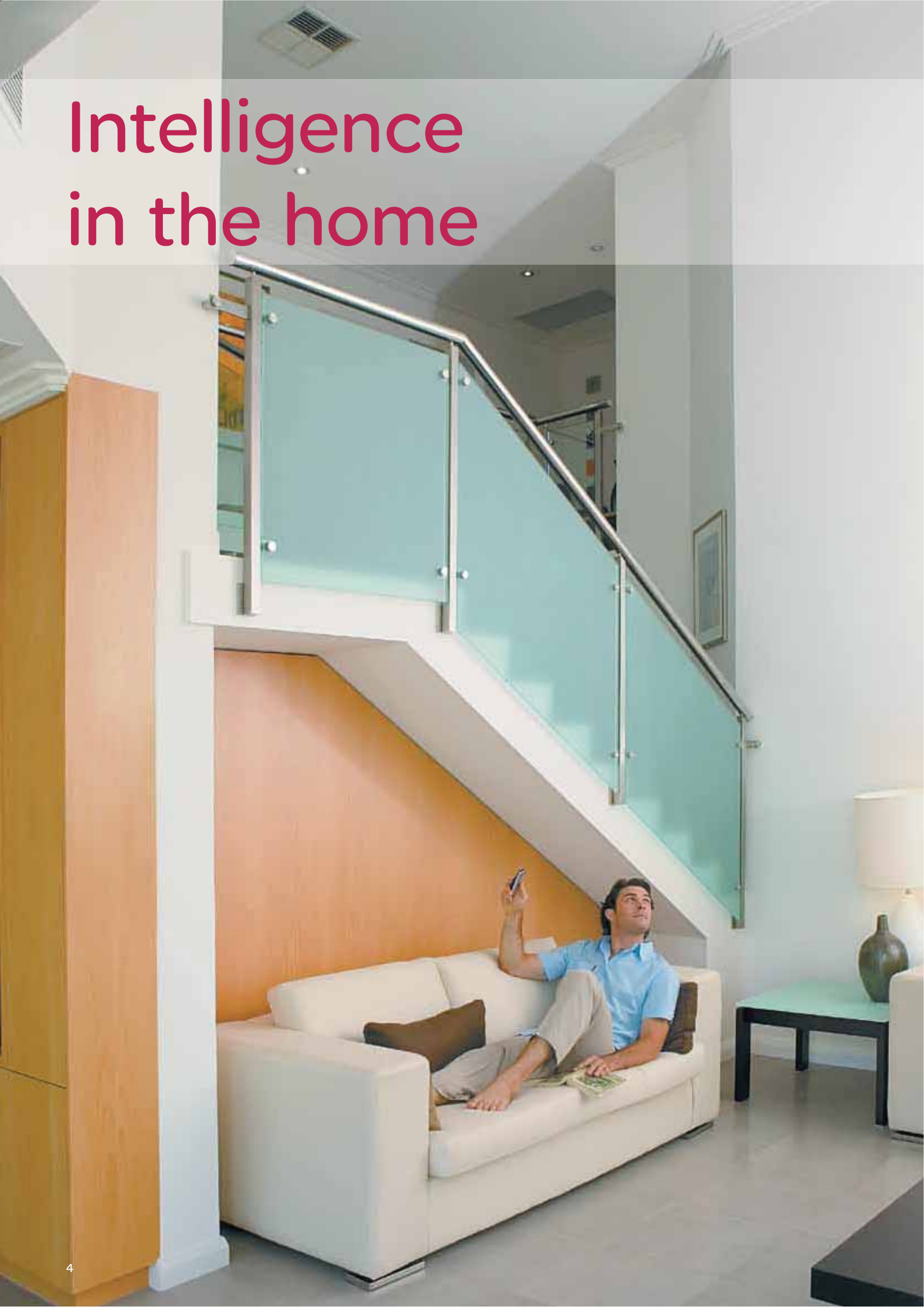
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Intelligence in the home





Smart Home

Smart Home technology will add a new dimension to modern home living and entertaining, whether in one room or multiple rooms.

Sphere wireless lighting system can be fully operational in a few easy steps. The system can be extended at any time, making it the perfect solution for those who want a flexible future from their lighting control.

ULTI wireless lighting is quick and easy to install. Designed to be completely retrofittable and operating with wireless transmission, no costly and troublesome rewiring is required.

LexCom Performance is an all-in-one residential networking system. The system provides access to TV, radio, phone and data services from any LexCom Performance outlet.

Sphere wireless lighting system

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ULTI wireless lighting system

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Sphere wireless lighting system

How does it work section

Sphere operates by sending a coded wireless signal from a controller to the wired-in circuit receiver units discreetly located into the ceiling, or under furniture when used with portable lighting. The receivers can be mounted inline, which enables table lamps, uplighters and other lighting outputs to be incorporated into the complete lighting solution.

Total control at your fingertips

At the push of a button, the light levels can be controlled to meet the desired ambience. The wall controllers have a choice of interchangeable front plates, and fully complement Schneider Electric's Ultimate range, with the ability to be mounted to any surface and require no wiring, making installation simple and straightforward

Simplicity at its best

Sphere requires no complicated software or specialist installation, which means programming couldn't be simpler

A world of possibilities

There is no limit to the number of receivers that can be installed in each property, so every room could potentially be controlled individually.

Receivers can operate up to 30 metres away from the controller, offering flexibility for the homeowner.



GSWWC5

Controllers

- Dimensions of wall controllers: 88 x 88mm
- Minimum mounting depth (wall controller): 16mm
- Fix screws: M3.5 x 25mm & 30mm
- Pattress box supplied for surface mounting all wall controllers
- Wireless transmission up to 30m (subject to conditions)
- Battery operation for maximum life (CR 2032)
- Controllers are suitable for use as standalone devices or as mastering units for whole house control
- 433 MHz radio frequency
- EN 60950-2000
- Wall controller is supplied with Stainless Steel front plate. Other front plates are available to order
- Hand controller can easily be reconfigured as a master controller
- All handheld controllers are supplied with Stainless Steel front plates and wall mounting brackets

| Part number | Description | Qty |
|-------------|--------------------------------|-----|
| GSWWC5 | 5 Channel wall controller | 1 |
| GSWWC8 | 8 Channel wall controller | 1 |
| GSWHC5 | 5 Channel hand held controller | 1 |
| GSWHC8 | 8 Channel hand held controller | 1 |



GSW1GFP5PN



GSW2GFP8BN

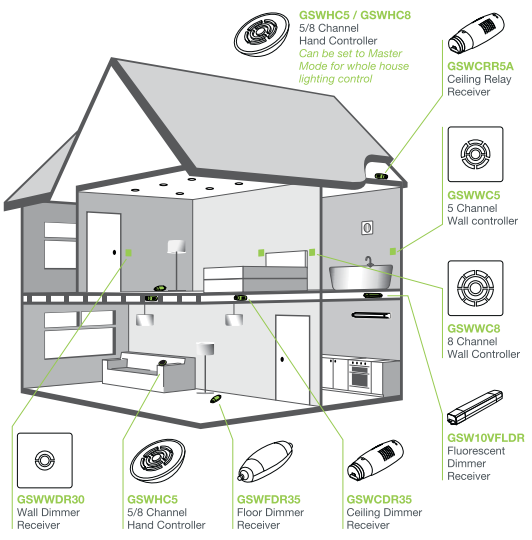


GSWWDRFPN

Replacement wall controller face plates

- 1 gang face plates - dimensions: 88 x 88mm
- 2 gang face plates - dimensions: 88 x 148mm
- For use when fitting a wall controller in place of an existing 2 gang flush mounting box
- 2 gang face plates are supplied with new mounting grid

| Part number | Description | Qty |
|-------------|-----------------------------------|-----|
| GSW1GFP5** | 5 Channel 1 gang face plate | 1 |
| GSW1GFP8** | 8 Channel 1 gang face plate | 1 |
| GSW2GFP5** | 5 Channel 2 gang face plate | 1 |
| GSW2GFP8** | 8 Channel 2 gang face plate | 1 |
| GSWWDRFP** | Wall dimmable receiver face plate | 1 |



Sphere can be used to control both indoor and outdoor lighting. Offering the additional benefit of relay operated devices, Sphere can control a wide array of other outputs, such as fans, compact fluorescent lamps and LED lighting.

Note: Replace ** with suffix code to denote cover plate finish:
PB Polished Brass **PC** Polished Chrome
PN Pearl Nickel **SS** Stainless Steel
PW Painted White **BN** Black Nickel



Receivers



GSWWDR30



GSWCDR35



GSWFDR35



GSW10VFLDR

- For use with a wide range of lights and control equipment
- Relay receivers suitable for fluorescent lighting loads, LED lighting loads, as well as a wide range of other equipment, e.g. extractor fans etc
- Ceiling receiver designed for use with LV halogen, mains halogen and incandescent loads
- Colour coded terminals
- BS EN 60669-2-1-2000
- Mains operation
- Loads:
 - Dimmable receiver - 350VA (20W/VA min. load)
 - Relay receiver - 5A (2A motor load)
 - Wall dimmable receiver - 300W/VA (50VA/60W min load)
 - Fluorescent dimmable receiver - 1-10V control

| Part number | Description | Qty |
|-------------------|---|-----|
| GSWWDR30 | Wall dimmable receiver - 300W/VA* | 1 |
| GSWFDR35 | Floor dimmable receiver - 350VA | 1 |
| GSWCDR35 | Ceiling dimmable receiver - 350VA | 1 |
| GSWCRR5A | Ceiling relay receiver - 5A | 1 |
| GSW10VFLDR | Ceiling fluorescent dimmable receiver - 1-10V | 1 |

* Minimum mounting depth 25mm two wire connection

Redefining Lighting



With its ultra-clean lines, sleekly chic square profile, the award winning **ULTI** is instantly identifiable

ULTI lets you set the perfect lighting. The push of a button is all it takes to activate one-touch scene control and recalls your favourite pre-programmed combination of lights and light intensity. Expandable, easy to upgrade and to programme, ever adaptable ULTI redefines the art of fine lighting.



ULTI wireless lighting system

RF boundless communications

As all ULTI switches incorporate patented radio frequency (RF) enabled wireless receivers, you can seamlessly integrate the operation of all automated lights within 4,000 square feet via just one remote control. Unlike conventional line-of-sight Infra Red (IR) systems, ULTI also enables you to wirelessly control your pre-programmed lighting scenes through solid walls.

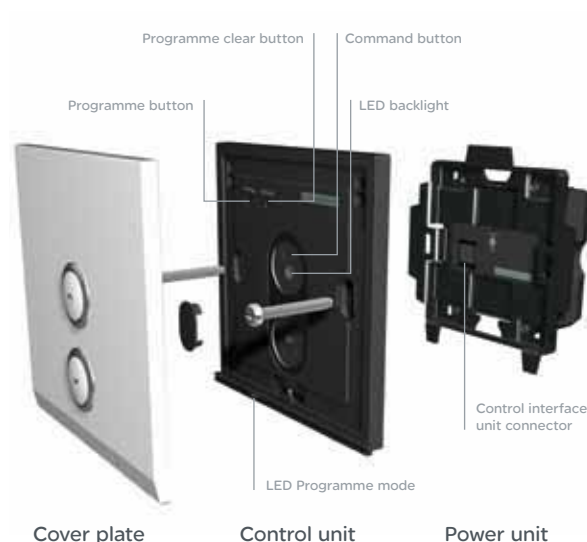
A TruRetrofit lighting control

Eliminating neutral wires and rewiring dramas, ULTI's patented EZinstall Wireless Technology can be easily installed in around five minutes.

Unlike other lighting control systems, you simply remove your original switch and upgrade to an EZinstall replacement. ULTI's true retrofitability even enables the instant automation of older buildings.

Expandable, flexible

Designed with distributed intelligence, ULTI is astonishingly easy to upgrade. Every lighting point is controlled through an individual remote controller, thus eliminating rewiring hassles. ULTI's expandability also gives you flexibility to add switches and dimmers to meet your needs as your space evolves.





Crystal glass

Switches

- 100/240V
- 1 gang = 2000VA
- 2 gang = 2 x 1000VA
- 50/60Hz
- Mounting box depth: 35mm
- Decor spacer should be used where existing box depth insufficient. (transparent grey)
- Capacitor for specific lamp types where minimum load requirements are not met.

| Part number | Description | Qty |
|---------------|--|-----|
| U201SRY2KW001 | 1G switch module 2000VA 240V (module only) | 1 |
| UC21SW*** | 1G switch cover | 1 |
| U202SRY2KW001 | 2G switch module 2000VA 240V (module only) | 1 |
| UC22SW*** | 2G switch cover | 1 |
| UAX001 | Decor spacer for switches and dimmers (8 & 15mm) | 1 |
| UAX004 | 0.47uF load capacitor | 1 |



Champagne gold

Dimmer switches



- 200/240V
- 1 gang = 600VA
- 2 gang = 2 x 300VA
- 50/60Hz
- Mounting box depth: 35mm
- Decor spacer should be used where existing box depth insufficient. (transparent grey)

| Part number | Description | Qty |
|---------------|--|-----|
| U201DST600001 | 1x600VA 240V Dimmer (Module Only) | 1 |
| UC21DM*** | 1G Dimmer Cover plate | 1 |
| U202DST600001 | 2x300VA 240V Dimmer (Module Only) | 1 |
| UC22DM*** | 2G Dimmer Cover plate | 1 |
| UAX001 | Decor spacer for switches and dimmers (8 & 15mm) | 1 |



Lamp dimmer



- 13A socket with clip on remote
- 200/240V
- 50/60 Hz

| Part number | Description | Qty |
|----------------|--|-----|
| U101DFR400XBL1 | 400W lamp dimmer set with remote control | 1 |

Note Replace *** with suffix code to denote cover plate finish:
XPW Pearl white **XGL** Crystal glass
XCG Champagne gold **XBS** Brushed silver



Freelocate switches, remote & repeater

■ 100m range (subject to conditions, see technical pages).

| Part number | Description | Qty |
|----------------|--|-----|
| U105RHH001BPW1 | 5 key hand held remote 1 control Pearl White | 1 |



Brushed silver

■ Freelocate supplied as complete item

■ 100m range (subject to conditions, see technical pages)

| Part number | Description | Qty |
|----------------|---------------------------------|-----|
| U102RWM001***1 | 2 key 2 scene Freelocate switch | 1 |
| U106RWM001***1 | 6 key 5 scene Freelocate switch | 1 |
| UAX003 | Black lockable bracket | 1 |



■ Built in RF receiver and transmitter extends RF signal coverage of remote units and Freelocate switches

■ BS 13A socket

■ 220/240V

| Part number | Description | Qty |
|---------------|-------------------------|-----|
| U10XARR001210 | RF Repeater pearl white | 1 |



Crystal glass

Socket outlets

■ LED outlets are supplied with amber or blue illumination on the push switch mechanism to co-ordinate with the selectable blue or amber backlight on ULTI switches and dimmers

| Part number | Description | Qty |
|--------------|--|-----|
| US15A00 | 1G 13A switched socket amber LED (module only) | 1 |
| US15B00 | 1G 13A switched socket blue LED (module only) | 1 |
| UC15*** | 1G socket cover | 1 |
| UST25A00 | 2G 13A switched socket amber LED (module only) | 1 |
| UST25B00 | 2G 13A switched socket blue LED (module only) | 1 |
| UCT25*** | 2G socket cover | 1 |
| US155A00 | 1G 5A switched socket amber LED (module only) | 1 |
| US155B00 | 1G 5A switched socket blue LED (module only) | 1 |
| UC155XGL | 1G 5A socket cover crystal glass | 1 |
| U201SPMDPB00 | 1G 16A DP switch amber/blue LED (module only) | 1 |
| UC21DPPXGL | 1G 16A switch cover crystal glass | 1 |



Crystal glass

Communication outlets

■ RJ45 CAT 6

| Part number | Description | Qty |
|-------------|------------------------------|-----|
| US31RJ000 | 1G RJ45 socket (module only) | 1 |
| UC31RJ*** | 1G RJ45 cover plate | 1 |
| US32TD000 | 2G RJ45 socket (module only) | 1 |
| UC32TD*** | 2G RJ45 cover plate | 1 |
| US31TV000 | TV outlet (module only) | 1 |
| UC31TV*** | TV outlet cover plate | 1 |



Crystal glass

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

XPW Pearl white

XCG Champagne gold

XGL Crystal glass

XBS Brushed silver

Flexibility
in the home



LexCom Performance networking system

The flexible multimedia choice

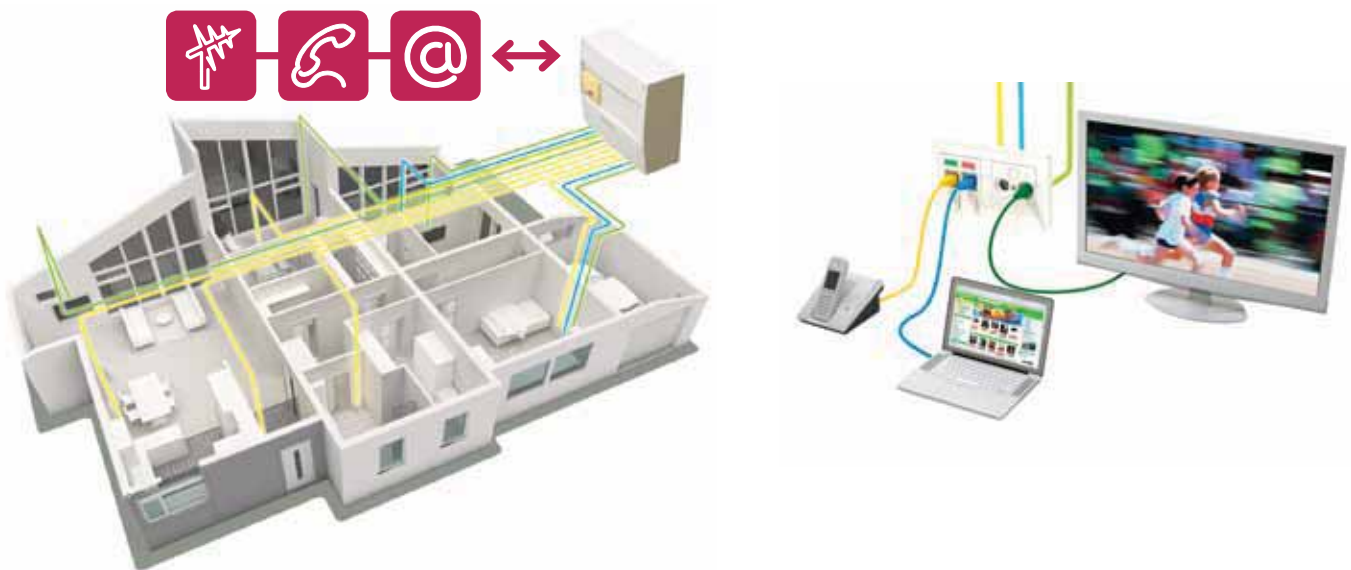
LexCom Performance is a good choice if you have an active interest in modern home technology and computers. You will get a network solution with a great capacity and multimedia access from all outlets thanks to the Triple play device.

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 |
|-------------|-------------------------|-----|
| VDIR534830 | Cable white box – 120m | 1 |
| VDIR534810 | 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 |
| 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 |

Something
for every home



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.

Ultimate range

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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 10AX 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



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 |

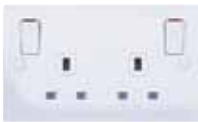


GU3010D

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 |

Turn to page 29 to view our full range of Part M solutions.

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

10AX 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
- * 10A rated only
- 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 |

16AX wide rocker switches



GRWH1012

- 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 | 1 gang 2 way | 10 |
| GRWH1022 | 2 gang 2 way | 10 |
| GRWH1032A | 3 gang 2 way | 10 |
| GRWH1014 | 1 gang intermediate* | 10 |

10AX architrave switches



GU1012A

- 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 |

Turn to page 29 to view our full range of Part M solutions.



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

45A 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 | 45A 1 gang DP | 10 |
| GU4011 | 45A 1 gang DP with neon | 10 |
| GU4020 | 45A 2 gang DP | 5 |
| GU4021 | 45A 2 gang DP with neon | 5 |



GU4001

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 |



GU7090

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 |



GU7062

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 |



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)
- See technical section

| Part number | Description | Qty |
|-------------|-------------------------------|-----|
| GU7021 | Single gang duplex 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 |



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

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.

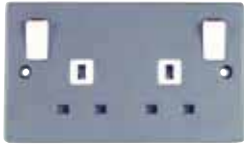
Practical advice on elements such as provision of wide doorways and appropriate sanitary facilities are covered by this regulation.

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

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 | 10AX 1 gang 2 way | 10 |
| GU1022GY | 10AX 2 gang 2 way | 10 |
| GU1032GY | 10AX 3 gang 2 way | 10 |
| GU1014GY | 10AX 1 gang intermediate | 10 |
| GU1012RGY | 10A 1 gang 2 way retractive | 10 |
| GRWH1012GY | 16AX 1 gang 2 way wide rocker | 5 |
| GRWH1022GY | 16AX 2 gang 2 way wide rocker | 5 |
| GRWH1032GY | 16AX 3 gang 2 way wide rocker | 5 |
| GRWH1014GY | 10AX 1 gang intermediate | 5 |
| 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 |

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
- For a full range of grid modules see page 74
- See page 80 for mounting boxes

| Part number | Description | Qty |
|-------------|-------------|-----|
| GUG01GGY | 1 module | 1 |
| GUG02GGY | 2 module | 1 |
| GUG03GGY | 3 module | 1 |
| GUG04GGY | 4 module | 1 |



Ceiling pull cord

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



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 |
| GU5010RDW | DP switched | 10 |



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



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

- > 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
- > Full 10AX fluorescent rating on all plate switches
- > Double pole options on 1-gang and 2-gang switched sockets (Twin earth terminals on 2-gang sockets)
- > Fully matched grid system



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 |



GU3431WSS

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 |



GU3470BPC

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 |

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

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 |

10A & 10AX 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 (GU1413***)
- The glow in the dark frame discreetly sign-posts the profile of the switch and aids switch location



GU1442WSS



GU1400F

| 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 x 148mm (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 |

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 | 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 |



GU6412EWSS



GU64121WSS

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

- Dimensions: 88 x 148mm (1000W/VA)
- Mounting box: SB472 (1000W)
- Fix screws: M3.5 x 25mm and 30mm
- 1000W dimmer is fitted on to a 2 gang plate
- 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 |
|-------------|--|-----|
| GU64121*** | 1 gang 1000W/VA Black or White inserts | 1 |

For product information and specification see technical section

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 |

| Part number | Description | Qty |
|--------------------|---------------------|-----|
| 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:

Note Replace ** with suffix code to denote finish 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 |



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

45A 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*** | 45A 2 gang DP switch with neon (fits 2 gang box) | 1 |



GU4401BPC

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*** | 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 | 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 |



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:

Note Replace ** with suffix code to denote finish 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 |



Ultimate screwless polycarbonate, transparent and textured

The Ultimate screwless range takes a sleek sophisticated design one step further with the polycarbonate plate accessories in piano black or gloss white finish which will add style and customisation to any interior.

Maintaining the superior engineering and sophisticated design, these accessories provide even greater harmony to the surrounding décor.

Features & benefits:

Polycarbonate

- > 3.5mm slim front plate profile
- > Complementary to modern styling
- > All plates switches are 10AX rated for maximum fluorescent rating
- > Dual terminal colour marking for easier cable insertion
- > Hardwearing and durable polycarbonate

Transparent

- > Minimal back projection for both new and retrofits (switches 16mm, sockets 25mm)
- > Unique integral locking facility on isolator for added safety
- > Switches are fully rated at 10AX for fluorescent and inductive loads

Textured

- > 1.5mm ultra slim front plate profile
- > All plates switches are 10AX rated for maximum fluorescent rating
- > Dual terminal colour marking for easier cable insertion
- > Unique textured effect matches today's soft feel furnishings



GU3410DBBK

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
- BS 947
- BS 546 (GU3480***)

| Part number | Description | Qty |
|-------------|---|-----|
| GU3410D*** | 1 gang DP switched | 1 |
| GU3420D*** | 2 gang DP switched | 1 |
| GU3480*** | 5A round pin unswitched | 1 |
| GU3431WWH | 2 gang switched with outboard rockers & clean earth - Gloss White | 1 |



GU1413WWH

10AX plate switches

- Dimensions: 88 x 88mm (1-2 gang)
- Mounting box: SB161 (F) 1 - 2 gang
- Fix screws: M3.5 x 25mm and 30mm
- BS EN 60669-1
- BS EN 60947-3 (GU1413***)

| Part number | Description | Qty |
|-------------|-----------------|-----|
| GU1412*** | 1 gang 2 way SP | 1 |
| GU1422*** | 2 gang 2 way SP | 1 |
| GU1413*** | 3 pole isolator | 1 |



GU6412BK

Mains dimmer switches

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

| Part number | Description | Qty |
|-------------|-------------------|-----|
| GU6412** | 1 gang 2 way 400W | 1 |
| GU6422** | 2 gang 2 way 250W | 1 |



GU5411WWH

20AX DP switches & 13A fused connection unit

- Dimensions: 88 x 88mm (1 gang)
- Mounting box: SB251 (F)
- Fix screws: M3.5 x 25mm and 30mm
- BS EN 60669-1
- BS 1363

| Part number | Description | Qty |
|-------------|--|-----|
| GU2411*** | 20AX DP switch with neon | 1 |
| GU5411*** | 13A switched with neon fused connection unit | 1 |

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

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

BBK Piano black

WWH Gloss white



GU4401BBK

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*** | DP cooker control unit with neon | 1 |



GU7490WWH

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 |



GU7410BBK

Communication outlets

- Dimensions: 88 x 88mm (1 gang)
- Mounting box: SB251 (F)
- Fix screws: M3.5 x 25mm and 30mm
- BS 3041 (where applicable)

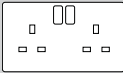





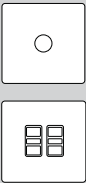

| Part number | Description | Qty |
|-------------|----------------------------|-----|
| GU7461*** | Master telephone socket | 1 |
| GU7462*** | Secondary telephone socket | 1 |
| GU7410*** | Single TV/FM co-axial | 1 |

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









BBK Piano black

WWH Gloss white



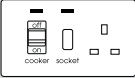
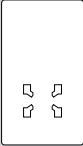


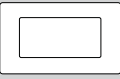

Ultimate screwless flat plate selection table

| | | Finishes | | | | | |
|--|---|--|---|----------------|-------------|-------------------------------|-------------|
| | | Piano black | Gloss white | Textured black | Transparent | Polished brass white interior | |
| 13A socket outlets |  | 1G 13A unswitched | | | | GU3450WPB | |
| | | 2G 13A unswitched | | | | GU3460WPB | |
| | | 1G 13A switched | | | GU3410BRB | GU3410CLR | GU3410WPB |
| | | 1G 13A DP switched | GU3410DBBK | GU3410DWWH | | | GU3410DWPB |
| | | 1G 13A switched + neon | | | | | GU3411WPB |
| | | 2G 13A switched | | | GU3420BRB | GU3420CLR | GU3420WPB |
| | | 2G 13A DP switched | GU3420DBBK | GU3420DWWH | | | GU3420DWPB |
| | | 2G 13A O/B DP switched + C/E | | | | | |
| | | 2G 13A O/B DP switched + C/E + N/S + Neon | | | | | |
| | | 2G 13A switched + neon | | | | | GU3421WPB |
| | | Media plate 4 socket 8 euromodule | | | | | |
| | | Round pin socket outlets |  | 2A unswitched | | | |
| 5A unswitched | GU3480BBK | | | GU3480WWH | | GU3480WPB | |
| 15A switched | | | | | | GU3490WPB | |
| 10AX plate switches |  | 1G 2W switch | GU1412BBK | GU1412WWH | GU1412BRB | GU1412CLR | GU1412WPB |
| | | 2G 2W switch | GU1422BBK | GU1422WWH | GU1422BRB | GU1422CLR | GU1422WPB |
| | | 3G 2W switch | | | GU1432BRB | GU1432CLR | GU1432WPB |
| | | 4G 2W switch | | | | | GU1442WPB |
| | | 6G 2W switch | | | | | GU1462WPB |
| | | 1G TP isolator | GU1413BBK | GU1413WWH | | | GU1413WPB |
| | | 1G intermediate switch | | | | | GU1414WPB |
| | | 1G 2W retractive switch | | | | | GU1412RWPB |
| 150W PIR plate switch |  | 1G 1W switch with override | | | | | |
| | | 1G 1W switch | | | | | |
| 32A Keycard switch |  | 32A Keycard switch | | | | GU1412KWPB | |
| 10AX toggle switches |  | 1G 2W 10AX | | | GU1412CLR | GU1412TPB | |
| | | 2G 2W 10AX | | | GU1422CLR | GU1422TPB | |
| | | 3G 2W 10AX | | | | | GU1432TPB |
| | | 4G 2W 10AX | | | | | GU1442TPB |
| Dimmer switches |  | 1G 1W 400W mains | | | | GU6411PB | |
| | | 1G 2W 400W mains | GU6412BK | GU6412WH | GU6412RB | GU6412CLR | GU6412PB |
| | | 2G 2W 250W mains | GU6422BK | GU6422WH | GU6422RB | GU6422CLR | GU6422PB |
| | | 3G 2W 250W mains | | | | | GU6432PB |
| | | 4G 2W 250W mains | | | | | GU6442PB |
| | | 1G 1W 400VA low voltage | | | | | GU6411LVPB |
| | | 1G 2W 400VA low voltage | | | | | GU6412LVPB |
| | | 2G 2W 250VA low voltage | | | | | GU6422LVPB |
| | | 3G 2W 250VA low voltage | | | | | GU6432LVPB |
| | | 4G 2W 250VA low voltage | | | | | GU6442LVPB |
| | | 1G slimline 300VA electronic | | | | | GU6412EWPB |
| | | 1G slimline IR remote control 300VA electronic | | | | | GU6412RWPB |
| | | 2G 2 x 200W/VA electronic | | | | | GU6422EWPB |
| | | 1G 1000W/VA electronic | | | | | GU64121WPB |
| | | 1 channel remote control | | | | | GU6000RC1 |
| 20A DP & 32A plate switches |  | 20A DP switch | | | GU2410BRB | GU2410CLR | GU2410WPB |
| | | 20A DP switch + flex outlet | | | | | GU2413WPB |
| | | 20A DP switch + neon | GU2411BBK | GU2411WWH | | | GU2411WPB |
| | | 20A DP switch + neon + flex outlet | | | | | GU2414WPB |
| | | 20A DP switch + neon + flex outlet | | | | | GU2414WHWPB |
| | | 32A 1G DP switch + neon | | | | | GU4431WPB |

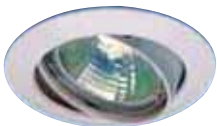
*Dependent upon wiring configuration, to aid installation 35mm flush steel boxes are recommended.

| Polished brass black interior | 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 |
|---|---|---|---|---|---|---|---|--------------------------|
|  |  |  |  |  |  |  |  | |
| GU3450BPB | GU3450WPC | GU3450BPC | GU3450WPN | GU3450WSS | GU3450BSS | GU3450WPW | GU3450BBN | *25/35mm |
| GU3460BPB | GU3460WPC | GU3460BPC | GU3460WPN | GU3460WSS | GU3460BSS | GU3460WPW | GU3460BBN | *25/35mm |
| GU3410BPB | GU3410WPC | GU3410BPC | GU3410WPN | GU3410WSS | GU3410BSS | GU3410WPW | GU3410BBN | *25/35mm |
| GU3410DBPB | GU3410DWPC | GU3410DBPC | GU3410DWPN | GU3410DWSS | GU3410DBSS | GU3410DWPW | GU3410DBBN | *25/35mm |
| GU3411BPB | GU3411WPC | GU3411BPC | GU3411WPN | GU3411WSS | GU3411BSS | GU3411WPW | GU3411BBN | *25/35mm |
| GU3420BPB | GU3420WPC | GU3420BPC | GU3420WPN | GU3420WSS | GU3420BSS | GU3420WPW | GU3420BBN | *25/35mm |
| GU3420DBPB | GU3420DWPC | GU3420DBPC | GU3420DWPN | GU3420DWSS | GU3420DBSS | GU3420DWPW | GU3420DBBN | *25/35mm |
| | GU3431WPC | GU3431BPC | | GU3431WSS | GU3431BSS | GU3431WPW | | 35mm |
| | GU3434WPC | | | GU3434WSS | GU3434BSS | | | 35mm |
| GU3421BPB | GU3421WPC | GU3421BPC | GU3421WPN | GU3421WSS | GU3421BSS | GU3421WPW | GU3421BBN | *25/35mm |
| | GU3420DWPCMP | | | GU3420DWSSMP | | GU3420DWPWMP | | 40mm |
| GU3470BPB | GU3470WPC | GU3470BPC | GU3470WPN | GU3470WSS | GU3470BSS | GU3470WPW | GU3470BBN | 25mm |
| GU3480BPB | GU3480WPC | GU3480BPC | GU3480WPN | GU3480WSS | GU3480BSS | GU3480WPW | GU3480BBN | 25mm |
| GU3490BPB | GU3490WPC | GU3490BPC | GU3490WPN | GU3490WSS | GU3490BSS | GU3490WPW | GU3490BBN | 25mm |
| GU1412BPB | GU1412WPC | GU1412BPC | GU1412WPN | GU1412WSS | GU1412BSS | GU1412WPW | GU1412BBN | 16mm |
| GU1422BPB | GU1422WPC | GU1422BPC | GU1422WPN | GU1422WSS | GU1422BSS | GU1422WPW | GU1422BBN | 16mm |
| GU1432BPB | GU1432WPC | GU1432BPC | GU1432WPN | GU1432WSS | GU1432BSS | GU1432WPW | GU1432BBN | 25mm |
| GU1442BPB | GU1442WPC | GU1442BPC | GU1442WPN | GU1442WSS | GU1442BSS | GU1442WPW | GU1442BBN | 25mm |
| GU1462BPB | GU1462WPC | GU1462BPC | GU1462WPN | GU1462WSS | GU1462BSS | GU1462WPW | GU1462BBN | 25mm |
| GU1413BPB | GU1413WPC | GU1413BPC | GU1413WPN | GU1413WSS | GU1413BSS | GU1413WPW | GU1413BBN | 25mm |
| GU1414BPB | GU1414WPC | GU1414BPC | GU1414WPN | GU1414WSS | GU1414BSS | GU1414WPW | GU1414BBN | 25mm |
| GU1412RBPB | GU1412RWPC | GU1412RBPC | GU1412RWPN | GU1412RWSS | GU1412RBSS | GU1412RWPW | GU1412RBBN | 25mm |
| | | | | | GU1411BSS | | | |
| | | | | | GU1411BSS | | | |
| GU1412KBPB | GU1412KWPC | GU1412KBPC | GU1412KWPN | GU1412KWSS | GU1412KBSS | GU1412KWPW | GU1412KBBN | 47mm |
| GU1412TPB | GU1412TPC | GU1412TPC | GU1412TPN | GU1412TSS | GU1412TSS | GU1412TPW | GU1412TBN | 16mm |
| GU1422TPB | GU1422TPC | GU1422TPC | GU1422TPN | GU1422TSS | GU1422TSS | GU1422TPW | GU1422TBN | 16mm |
| GU1432TPB | GU1432TPC | GU1432TPC | GU1432TPN | GU1432TSS | GU1432TSS | GU1432TPW | GU1432TBN | 25mm |
| GU1442TPB | GU1442TPC | GU1442TPC | GU1442TPN | GU1442TSS | GU1442TSS | GU1442TPW | GU1442TBN | 25mm |
| GU6411PB | GU6411PC | GU6411PC | GU6411PN | GU6411SS | GU6411SS | GU6411PW | GU6411BN | 16mm |
| GU6412PB | GU6412PC | GU6412PC | GU6412PN | GU6412SS | GU6412SS | GU6412PW | GU6412BN | 25mm |
| GU6422PB | GU6422PC | GU6422PC | GU6422PN | GU6422SS | GU6422SS | GU6422PW | GU6422BN | 25mm |
| GU6432PB | GU6432PC | GU6432PC | GU6432PN | GU6432SS | GU6432SS | GU6432PW | GU6432BN | 35mm |
| GU6442PB | GU6442PC | GU6442PC | GU6442PN | GU6442SS | GU6442SS | GU6442PW | GU6442BN | 35mm |
| GU6411LVPB | GU6411LVPC | GU6411LVPC | GU6411LVPN | GU6411LVSS | GU6411LVSS | GU6411LVPW | GU6411LVBN | 16mm |
| GU6412LVPB | GU6412LVPC | GU6412LVPC | GU6412LVPN | GU6412LVSS | GU6412LVSS | GU6412LVPW | GU6412LVBN | 25mm |
| GU6422LVPB | GU6422LVPC | GU6422LVPC | GU6422LVPN | GU6422LVSS | GU6422LVSS | GU6422LVPW | GU6422LVBN | 25mm |
| GU6432LVPB | GU6432LVPC | GU6432LVPC | GU6432LVPN | GU6432LVSS | GU6432LVSS | GU6432LVPW | GU6432LVBN | 35mm |
| GU6442LVPB | GU6442LVPC | GU6442LVPC | GU6442LVPN | GU6442LVSS | GU6442LVSS | GU6442LVPW | GU6442LVBN | 35mm |
| GU6412EBPB | GU6412EWPC | GU6412EBPC | GU6412EWPN | GU6412EWSS | GU6412EBSS | GU6412EWPW | GU6412EBBN | 25mm |
| GU6412RBPB | GU6412RWPC | GU6412RBPC | GU6412RWPN | GU6412RWSS | GU6412RBSS | GU6412RWPW | GU6412RBBN | 25mm |
| GU6422EBPB | GU6422EWPC | GU6422EBPC | GU6422EWPN | GU6422EWSS | GU6422EBSS | GU6422EWPW | GU6422EBBN | 25mm |
| GU64121BPB | GU64121WPC | GU64121BPC | GU64121WPN | GU64121WSS | GU64121BSS | GU64121WPW | GU64121BBN | 47mm |
| GU6000RC1 | GU6000RC1 | GU6000RC1 | GU6000RC1 | GU6000RC1 | GU6000RC1 | GU6000RC1 | GU6000RC1 | N/A |
| GU2410BPB | GU2410WPC | GU2410BPC | GU2410WPN | GU2410WSS | GU2410BSS | GU2410WPW | GU2410BBN | 25mm |
| GU2413BPB | GU2413WPC | GU2413BPC | GU2413WPN | GU2413WSS | GU2413BSS | GU2413WPW | GU2413BBN | 35mm |
| GU2411BPB | GU2411WPC | GU2411BPC | GU2411WPN | GU2411WSS | GU2411BSS | GU2411WPW | GU2411BBN | 25mm |
| GU2414BPB | GU2414WPC | GU2414BPC | GU2414WPN | GU2414WSS | GU2414BSS | GU2414WPW | GU2414BBN | 35mm |
| GU2414WHBPB | GU2414WHWPC | GU2414WHBPC | GU2414WHWPN | GU2414WHWSS | GU2414WHBSS | GU2414WHWPW | GU2414WHBBN | 35mm |
| GU4431BPB | 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 | Textured black | Transparent | Polished brass white interior | |
| 13A Fused connection units |  | 13A unswitched | | | | GU5400WPB | |
| | | 13A unswitched + flex outlet | | | | GU5403WPB | |
| | | 13A switched | | GU5410BRB | GU5410CLR | GU5410WPB | |
| | | 13A switched + flex outlet | | | | GU5413WPB | |
| | | 13A switched + neon | GU5411BBK | GU5411WWH | | GU5411WPB | |
| | | 13A switched + neon + flex outlet | | | | GU5414WPB | |
| 45A control switches |  | 45A 2G DP switch + neon | | | | GU4421WPB | |
| 45A cooker control units |  | 45A DP cooker control unit + 13A switched socket + neon | GU4401BBK | GU4401WWH | | GU4401WPB | |
| Shaver socket outlet |  | 115/230V dual voltage | GU7490BBK | GU7490WWH | | GU7490WPB | |
| Telephone socket outlets |  | RJ11 telephone outlet | | | | GU7451WPB | |
| | | Master telephone outlet | GU7461BBK | GU7461WWH | | GU7461WPB | |
| | | Secondary telephone outlet | GU7462BBK | GU7462WWH | GU7462BRB | GU7462CLR | GU7462WPB |
| | | Single RJ45 outlet | | | | | GU7471WPB |
| TV socket outlets |  | Single TV/FM coaxial socket | GU7410BBK | GU7410WWH | GU7410BRB | GU7410CLR | GU7410WPB |
| | | Twin TV/FM coaxial socket | | | | | GU7420WPB |
| | | Single satellite socket | | | | | GU7430WPB |
| Euro modular plates |  | 1G euro plate | | | | GU8450PB | |
| | | 2G euro plate | | | | GU8460PB | |
| | | 4G euro plate | | | | GU8480PB | |
| Blank plates |  | 1G blank plate | | | | GU8410PB | |
| | | 2G blank plate | | | | GU8420PB | |

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



For complementary downlighters that match Ultimate screwless flat plate please see lighting section

| Polished brass black interior | 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 |
|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |  |
| GU5400BPB | GU5400WPC | GU5400BPC | GU5400WPN | GU5400WSS | GU5400BSS | GU5400WPW | GU5400BBN | 25mm |
| GU5403BPB | GU5403WPC | GU5403BPC | GU5403WPN | GU5403WSS | GU5403BSS | GU5403WPW | GU5403BBN | 35mm |
| GU5410BPB | GU5410WPC | GU5410BPC | GU5410WPN | GU5410WSS | GU5410BSS | GU5410WPW | GU5410BBN | 35mm |
| GU5413BPB | GU5413WPC | GU5413BPC | GU5413WPN | GU5413WSS | GU5413BSS | GU5413WPW | GU5413BBN | 35mm |
| GU5411BPB | GU5411WPC | GU5411BPC | GU5411WPN | GU5411WSS | GU5411BSS | GU5411WPW | GU5411BBN | 35mm |
| GU5414BPB | GU5414WPC | GU5414BPC | GU5414WPN | GU5414WSS | GU5414BSS | GU5414WPW | GU5414BBN | 35mm |
| GU4421BPB | GU4421WPC | GU4421BPC | GU4421WPN | GU4421WSS | GU4421BSS | GU4421WPW | GU4421BBN | 47mm |
| GU4401BPB | GU4401WPC | GU4401BPC | GU4401WPN | GU4401WSS | GU4401BSS | GU4401WPW | GU4401BBN | 47mm |
| GU7490BPB | GU7490WPC | GU7490BPC | GU7490WPN | GU7490WSS | GU7490BSS | GU7490WPW | GU7490BBN | 47mm |
| GU7451BPB | GU7451WPC | GU7451BPC | GU7451WPN | GU7451WSS | GU7451BSS | GU7451WPW | GU7451BBN | 25mm |
| GU7461BPB | GU7461WPC | GU7461BPC | GU7461WPN | GU7461WSS | GU7461BSS | GU7461WPW | GU7461BBN | 25mm |
| GU7462BPB | GU7462WPC | GU7462BPC | GU7462WPN | GU7462WSS | GU7462BSS | GU7462WPW | GU7462BBN | 25mm |
| GU7471BPB | GU7471WPC | GU7471BPC | GU7471WPN | GU7471WSS | GU7471BSS | GU7471WPW | GU7471BBN | 35mm |
| GU7410BPB | GU7410WPC | GU7410BPC | GU7410WPN | GU7410WSS | GU7410BSS | GU7410WPW | GU7410BBN | 25mm |
| GU7420BPB | GU7420WPC | GU7420BPC | GU7420WPN | GU7420WSS | GU7420BSS | GU7420WPW | GU7420BBN | 35mm |
| GU7430BPB | GU7430WPC | GU7430BPC | GU7430WPN | GU7430WSS | GU7430BSS | GU7430WPW | GU7430BBN | 25mm |
| GU8450PB | GU8450PC | GU8450PC | GU8450PN | GU8450SS | GU8450SS | GU8450PW | GU8450BN | ** |
| GU8460PB | GU8460PC | GU8460PC | GU8460PN | GU8460SS | GU8460SS | GU8460PW | GU8460BN | ** |
| GU8480PB | GU8480PC | GU8480PC | GU8480PN | GU8480SS | GU8480SS | GU8480PW | GU8480BN | ** |
| GU8410PB | GU8410PC | GU8410PC | GU8410PN | GU8410SS | GU8410SS | GU8410PW | GU8410BN | N/A |
| GU8420PB | 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



Ultimate flat plate

The ultra-slim Ultimate flat plate range and grid system 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

- > 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
- > Full 10AX fluorescent rating on all plate switches
- > 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)

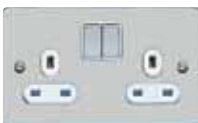


GU3250WSS

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.

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 |

All 2 gang sockets include twin earth terminals as standard, enabling compliance with regulation 607 (BS 7671) – high integrity earthing. To aid flush installation 35mm steel boxes are recommended. Floor socket interiors are manufactured from high impact thermoplastic for strength.



GU1212BSS

10A & 10AX 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*** | 10A 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 |

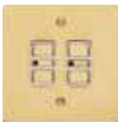


GU1212TBN

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

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 |
|-------------------|---|-----|
| GU6212E*** | 1 gang 300W/VA | 1 |
| GU6222E*** | 2 gang 2 x 200W/VA | 1 |
| 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.



GU6000RC1



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

45A 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*** | 45A 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*** | 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 | 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 |



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:


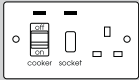
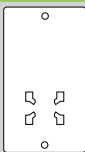


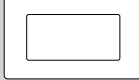

| | | |
|--|---|--|
| WSS Stainless steel with white interior | WPN Pearl nickel with white interior | BPC Polished chrome with black interior |
| BSS Stainless steel with black interior | BPB Polished brass with black interior | WPC Polished chrome with white interior |
| WPW Painted white with white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

| | | 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 | | |
| | | | | | | |
| 10A & 10AX plate switches | | 10AX 1G 2W switch | GU1212WPB | GU1212BPB | | |
| | | 10AX 2G 2W switch | GU1222WPB | GU1222BPB | | |
| | | 10AX 3G 2W switch | GU1232WPB | GU1232BPB | | |
| | | 10AX 4G 2W switch | GU1242WPB | GU1242BPB | | |
| | | 10AX 6G 2W switch | GU1262WPB | GU1262BPB | | |
| | | 10AX 1G TP isolator | GU1213WPB | GU1213BPB | | |
| | | 10AX 1G intermediate switch | GU1214WPB | GU1214BPB | | |
| | | 10A 1G 2W retractive switch | GU1212RWPB | GU1212RBPB | | |
| | | 10AX toggle switches | | 1G 2W 10AX | GU1212TPB | GU1212TPB |
| | | | | 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 300VA electronic | GU6212EWPB | GU6212EBPB | | |
| | | 1G slimline IR remote control 300VA electronic | GU6212RWPB | GU6212RBPB | | |
| | | 2G 2 x 200W/VA electronic | GU6222EWPB | GU6222EBPB | | |
| | | 1 channel remote control | GU6000RC1 | GU6000RC1 | | |
| 20A DP plate switches | | 20A DP switch | GU2210WPB | GU2210BPB | | |
| | | 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 | | |

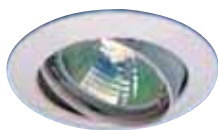
*Dependent upon wiring configuration, to aid installation 35mm flush steel boxes are recommended.

| 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 | GU3210DWPW | GU3210DWSS | GU3210DBSS | GU3210DWPW | GU3210DBBN | *25/35mm |
| GU3220DWPC | GU3220DBPC | GU3220DWPW | 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 |
| GU6212EWPC | GU6212EBPC | GU6212EWPN | GU6212EWSS | GU6212EBSS | GU6212EWWPW | GU6212EBBN | 25mm |
| GU6212RWPC | GU6212RBPC | GU6212RWPN | GU6212RWSS | GU6212RBSS | GU6212RWWPW | GU6212RBBN | 25mm |
| GU6222EWPC | GU6222EBPC | GU6222EWPN | GU6222EWSS | GU6222EBSS | GU6222EWWPW | GU6222EBBN | 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 | GU2214WHWWPW | 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 |
| 45A control switches |  | 45A 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 (screwless) |  | 1G euro plate | GU8450PB GU8450PB |
| | | 2G euro plate | GU8460PB GU8460PB |
| | | 4G euro plate | GU8480PB GU8480PB |
| 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.



For complementary downlighters that match Ultimate flat plate please see lighting section

| 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 |
| GU8450PC | GU8450PC | GU8450PN | GU8450SS | GU8450SS | GU8450PW | GU8450BN | ** |
| GU8460PC | GU8460PC | GU8460PN | GU8460SS | GU8460SS | GU8460PW | GU8460BN | ** |
| GU8480PC | GU8480PC | GU8480PN | GU8480SS | GU8480SS | GU8480PW | GU8480BN | ** |
| 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



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

- > Minimal back projection to allow installation using standard flush mounting boxes for both new and retrofits
- > Full 10AX fluorescent rating on all plate switches
- > 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



GU3520BPC

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 |
|-------------|---|-----|
| GU3510*** | 1 gang switched | 1 |
| GU3520*** | 2 gang switched | 1 |
| GU3531*** | 2 gang DP outboard rocker switched with clean earth | 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

10AX 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 |



GU6522BBC

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 |

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

45A 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*** | 45A 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 |

Low profile grid module selection

| | White modules | | Black modules | |
|----------------------|---------------|--------------|---------------|--------------|
| | White rocker | Metal rocker | Black rocker | Metal rocker |
| BC - brushed chrome | ✓ | x | ✓ | x |
| PC - polished chrome | ✓ | ✓* | ✓ | ✓* |

* Select Mirror Steel



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 |

For euro module section see page 71

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

Euro plates & modules

The stylish design of screwless flat plates complements the Ultimate range of accessories and provides the complete installation solution. Included in this range are low profile euro plates.

The clip in module and plate design combines simplicity with versatility, facilitating selection and installation for both domestic and commercial applications.

Features & benefits:

Consumer

- > A choice of high quality plate finishes ensures complete coordination with other fixtures and fittings
- > Euro modules are suitable for all decorative and moulded euro format front plates
- > Modules available in black or white to match Ultimate wiring accessory interiors
- > Full range of TV, radio and satellite modules

Installer

- > Flexible system, modules clip straight into the plate from the front for quick and easy installation
- > Euro front plate available in 1, 2 and 4 gang sizes
- > Single 25 x 50mm and double 50 x 50mm modules sizes available



GU8480PN

Euro modular plates

■ Mounted grid supplied with frame

| Part number | Description | Qty |
|--|----------------------------|-----|
| ■ Dimensions: 88 x 88mm (1-2 module), 88 x 148mm (4 module) | | |
| GU8450** | 1 module screwless | 1 |
| GU8460** | 2 module screwless | 1 |
| GU8480** | 4 module screwless | 1 |
| ■ Dimensions: 88 x 88mm (1-2 module), 88 x 148mm (4 module) | | |
| GU8550** | 1 module low profile | 1 |
| GU8560** | 2 module low profile | 1 |
| GU8580** | 4 module low profile | 1 |
| ■ Dimensions: 86 x 86mm (1-2 module) ,86 x 146mm (4 module) | | |
| GU8050 | 1 module Ultimate moulded | 10 |
| GU8060 | 2 module Ultimate moulded | 10 |
| GU8080 | 4 module Ultimate moulded | 5 |
| ■ Dimensions: 86 x 86mm (1-2 module), 86 x 146mm (4 module) | | |
| GEURO1 | 1 module Exclusive moulded | 10 |
| GEURO2 | 2 module Exclusive moulded | 10 |
| GEURO4 | 4 module Exclusive moulded | 5 |

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

W White **B** Black

Note For screwless plates 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

Note For low profile plates replace ** with suffix code to denote plate finish required:

PC Polished chrome **BC** Brushed chrome



Ultimate grid system

The comprehensive Ultimate grid system, which includes the screwless flat plate range, has been specifically designed to upgrade from screwed to screwless and bring beauty and style to commercial spaces.

With a stylish minimal front plate design, grid plates are available in a wide choice of metal plate finishes, white moulded, and grey or silver grey metal clad. Grid plates are available in 1 - 24 gang combinations.



Features & benefits:

Consumer

- > Modules available for data, TV and telephone installations
- > Electronic dimmer module available to match cover plates
- > Smooth tactile switch action
- > Curved, matching metal capped rockers in a choice of white or black interior
- > A wide range of pre-printed modules are available for a coordinated appearance

Installer

- > Front loaded switch modules
- > Modules can be easily upgraded without the need to remove the mounting grid
- > 6AX, 10AX and 20AX fluorescent rated modules
- > Socket headed plate fixing screws for additional security and reduce plate damage during installation
- > Metal caps are included on all modules from switches, to fuse carriers, flex outlets and data modules
- > All cover plates are supplied with appropriate grid frames



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 - white metal rockers

- 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 |



Communication modules - white metal rockers

- 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 |



| Blank modules | | |
|---------------|--------------------|-----|
| Part number | Description | Qty |
| GUGBW | White blank module | 1 |



| 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 |



| 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 | | |



GUG03G



GUG03GGY

Flush moulded front plates

- Supplied with mounting grids
- See page 80 for mounting boxes
- Flush moulded plates are not compatible with electronic touch dimmers
- Grey moulded grid plates help to comply with Part M of the Building Regulations

| Part number | | Description | Qty |
|-------------|----------|-------------|-----|
| White | Grey | | |
| GUG01G | GUG01GGY | 1 module | 1 |
| GUG02G | GUG02GGY | 2 module | 1 |
| GUG03G | GUG03GGY | 3 module | 1 |
| GUG04G | GUG04GGY | 4 module | 1 |
| GUG06G | | 6 module | 1 |
| GUG08G | | 8 module | 1 |
| GUG09G | | 9 module | 1 |
| GUG12G | | 12 module | 1 |
| GUG18G | | 18 module | 1 |
| GUG24G | | 24 module | 1 |



GUG02GMC

Surface metal clad front plates

- Supplied with mounting grids and spacers
- See page 80 for mounting boxes

| Part number | | Description | Qty |
|-------------|-----------|-------------|-----|
| Grey | Silver | | |
| 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 |



Spares

| Part number | Description | Qty |
|-------------|---------------------------------------|-----|
| UHEXSPW | Hex screws (plate to grid) moulded | 10 |
| UHEXSSS | Hex screws (plate to grid) metal clad | 10 |
| GUGSHK | Hex screw key | 1 |
| GUGKSK | Key switch module spare key | 10 |
| GGTKIT | Additional earth terminal | 1 |

| 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 |



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 | Part number | Description | Qty |
|-----------------------|-----------------------|-----|--------------------------|------------------------|-----|
| Switch modules | | | Metal rocker caps | | |
| White surround | | | GUGR** | Plain rocker cap | 6 |
| GUG101MW | 10AX 1 way SP | 1 | GUGRBO** | Marked boiler | 6 |
| GUG102MW | 10AX 2 way SP | 1 | GUGRCH** | Marked cooker hood | 6 |
| GUG101MW | 10AX intermediate SP | 1 | GUGRDW** | Marked dish washer | 6 |
| GUG201MW | 20AX 1 way SP | 1 | GUGREF** | Marked extractor fan | 6 |
| GUG202MW | 20AX 2 way and off SP | 1 | GUGRFR** | Marked fridge | 6 |
| GUG202MW | 20AX 2 way SP | 1 | GUGRFA** | Marked fan | 6 |
| GUG20DPMW | 20AX DP | 1 | GUGRFZ** | Marked freezer | 6 |
| Black surround | | | GUGRFRFZ** | Marked fridge/freezer | 6 |
| GUG101MB | 10AX 1 way SP | 1 | GUGRHO** | Marked hob | 6 |
| GUG102MB | 10AX 2 way SP | 1 | GUGRHE** | Marked heater | 6 |
| GUG101MB | 10AX intermediate SP | 1 | GUGRMW** | Marked microwave | 6 |
| GUG201MB | 20AX 1 way SP | 1 | GUGROV** | Marked oven | 6 |
| GUG2020MB | 20AX 2 way and off SP | 1 | GUGRTD** | Marked tumble dryer | 6 |
| GUG202MB | 20AX 2 way SP | 1 | GUGRWDY** | Marked washer dryer | 6 |
| GUG20DPMB | 20AX DP | 1 | GUGRWD** | Marked waste disposal | 6 |
| | | | GUGRWM** | Marked washing machine | 6 |

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 |
| GUG102R*** | 10AX 2 way retractive SP | 1 |
| GUG102T*** | 20AX 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 |

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

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



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 | 350W/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



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 |



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 |



Low profile, flat plate and screwless front plates

- Flat plate incorporates socket headed screws for additional security and reduced risk of plate damage during installation

| Low profile | Flat plate | Screwless | Qty |
|------------------|-----------------|------------------|-----|
| GUGL01 ** | GUG01G** | GUGS01G** | 1 |
| GUGL02 ** | GUG02G** | GUGS02G** | 1 |
| GUGL03 ** | GUG03G** | GUGS03G** | 1 |
| GUGL04 ** | GUG04G** | GUGS04G** | 1 |
| GUGL05 ** | GUG06G** | GUGS06G** | 1 |
| GUGL06 ** | GUG08G** | GUGS08G** | 1 |
| GUGL08 ** | GUG09G** | GUGS09G** | 1 |
| | GUG12G** | GUGS12G** | 1 |
| | GUG18G** | GUGS18G** | 1 |
| | GUG24G** | GUGS24G** | 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

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

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

BC Brushed chrome **PC** Polished chrome

| | | 1 | 2 | 3 | 4 | 6 | 8 | 9 | 12 | 18 | 24 |
|--------------------|------------------------|------------------------|-----------|------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | | | | | | | | | | |
| Flush | | | | | | | | | | | |
| Moulded | White | GUG01G | GUG02G | GUG03G | GUG04G | GUG06G | GUG08G | GUG09G | GUG12G | GUG18G | GUG24G |
| Low profile | Brushed chrome | GUGL01BC | GUGL02BC | GUGL03BC | GUGL04BC | GUGL06BC | GUGL08BC | | | | |
| | Polished chrome | GUGL01PC | GUGL02PC | GUGL03PC | GUGL04PC | GUGL06PC | GUGL08PC | | | | |
| 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 |
| | Screwless | Stainless steel | GUGS01GSS | GUGS02GSS | GUGS03GSS | GUGS04GSS | GUGS06GSS | GUGS08GSS | GUGS09GSS | GUGS12GSS | GUGS18GSS |
| | 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 |

| | | 1 | 2 | 3 | 4 | 6 | 8 | 9 | 12 | 18 | 24 |
|-----------------------------|--|-----------------|-----------------|------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 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 |

| 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 |

| | | 1 | 2 | 3 | 4 | 6 | 8 | 9 | 12 | 18 | 24 |
|-------------------------|--|-----------------|-----------------|------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 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.

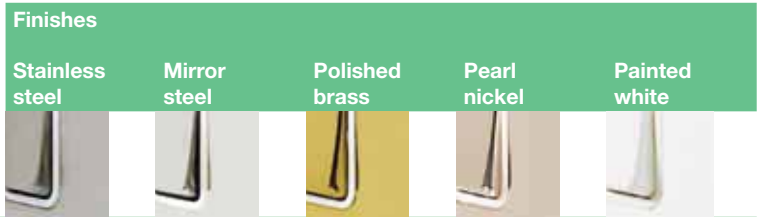


Finally after decorating, fit the cover plate.

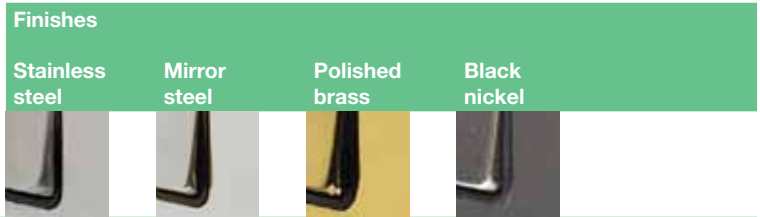


Front plates are available in a choice of 11 finishes - Polished Brass, Mirror Steel, Stainless Steel, Pearl Nickel, Black Nickel, Brushed Chrome, White Metal, White Moulded, Metal Clad Grey and Silver.

*All cover plates are supplied with appropriate grid frames



| 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 | GUGRHSS | 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 | GUGEMDIMWBP16 | GUGEMDIMWPN16 | GUGEMDIMWPP16 | |
| | Electronic 300W/VA infra red dimmer module | GUGEMRDIMW16 | GUGEMRDIMWMS16 | GUGEMRDIMWBP16 | GUGEMRDIMWPN16 | GUGEMRDIMWPP16 | |
| | 2 way retractive switch | GUGEMWWSS16 | GUGEMWWMS16 | GUGEMWWBP16 | GUGEMWWPN16 | GUGEMWWPP16 | |
| | 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 |
| 10AX & 20AX switch component modules | 10AX 1 way SP | GUG101MB | GUGRSS | GUGRMS | GUGRPB | GUGRBN |
| | 10AX 2 way SP | GUG102MB | GUGRSS | GUGRMS | GUGRPB | GUGRBN |
| | 10AX intermediate SP | GUG10IMB | GUGRSS | GUGRMS | GUGRPB | GUGRBN |
| | 20AX 1 way SP | GUG201MB | GUGRSS | GUGRMS | GUGRPB | GUGRBN |
| | 20AX 2 way and off SP | GUG2020MB | GUGRSS | GUGRMS | GUGRPB | GUGRBN |
| | 20AX 2 way SP | GUG202MB | GUGRSS | GUGRMS | GUGRPB | GUGRBN |
| | 20AX DP | GUG20DPMB | GUGRSS | GUGRMS | GUGRPB | GUGRBN |
| Choose module + cap to create following module | | Module | | | | |
| 20AX DP printed switch component modules | Marked boiler | GUG20DPMB | GUGRBOSS | GUGRBOMS | GUGRBOPB | GUGRBOBN |
| | Marked cooker hood | GUG20DPMB | GUGRCHSS | GUGRCHMS | GUGRCHPB | GUGRCHBN |
| | Marked dish washer | GUG20DPMB | GUGRDWSS | GUGRDWMS | GUGRDWPB | GUGRDWBN |
| | Marked extractor fan | GUG20DPMB | GUGREFSS | GUGREFMS | GUGREFPB | GUGREFBN |
| | Marked fridge | GUG20DPMB | GUGRFRSS | GUGRFRMS | GUGRFRPB | GUGRFRBN |
| | Marked fan | GUG20DPMB | GUGRFASS | GUGRFAMS | GUGRFAPB | GUGRFABN |
| | Marked freezer | GUG20DPMB | GUGRFZSS | GUGRFZMS | GUGRFZPB | GUGRFZBN |
| | Marked fridge/freezer | GUG20DPMB | GUGRFRFZSS | GUGRFRFZMS | GUGRFRFZPB | GUGRFRFZBN |
| | Marked hob | GUG20DPMB | GUGRHOSS | GUGRHOMS | GUGRHOPB | GUGRHOBN |
| | Marked heater | GUG20DPMB | GUGRHESS | GUGRHEMS | GUGRHEPB | GUGRHEBN |
| | Marked microwave | GUG20DPMB | GUGRMWSS | GUGRMWMS | GUGRMWPB | GUGRMWBN |
| | Marked oven | GUG20DPMB | GUGROVSS | GUGROVMS | GUGROVPB | GUGROVBN |
| | Marked tumble dryer | GUG20DPMB | GUGRTDSS | GUGRTDMS | GUGRTDPB | GUGRTDBN |
| | Marked washer dryer | GUG20DPMB | GUGRDWYSS | GUGRDWYMS | GUGRDWYPB | GUGRDWYBN |
| | Marked waste disposal | GUG20DPMB | GUGRDWSS | GUGRDWMS | GUGRDWPB | GUGRDWBN |
| | Marked washing machine | GUG20DPMB | GUGRWMSS | GUGRWMS | GUGRWMPB | GUGRWMBN |
| | 6AX & 10AX modules | 6AX 2 way retractive and centre off switch module | GUG202OCBSS | GUG202OCBMS | GUG202OCBPB | GUG202OCBBN |
| 10AX 2 way retractive switch module | | GUG102RBSS | GUG102RBMS | GUG102RBPB | GUG102RBBN | |
| 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 | |
| | 20AX 2 way key switch module | GUG202KBSS | GUG202KBMS | GUG202KBPB | GUG202KBBN | |
| | 20AX 2 way key switch module marked EMG.LTG | GUG202KELBSS | GUG202KELBMS | GUG202KELBPB | GUG202KELBBN | |
| Communication modules | Master telephone outlet | GUGTELBSS | GUGTELBMS | GUGTELBPB | GUGTELBBN | |
| | Secondary telephone outlet | GUGTELSBSS | GUGTELSBMS | GUGTELSBPB | GUGTELSBBN | |
| | Single RJ11 data outlet | GUGRJ11BSS | GUGRJ11BMS | GUGRJ11BPB | GUGRJ11BBN | |
| | Single RJ45 data outlet | GUGRJ45BSS | GUGRJ45BMS | GUGRJ45BPB | GUGRJ45BBN | |
| | Single TV/FM coaxial | GUGCOBSS | GUGCOBMS | GUGCOBPB | GUGCOBBN | |
| | Single satellite | GUGSATBSS | GUGSATBMS | GUGSATBPB | GUGSATBBN | |
| Electronic dimmer | Electronic 300W/VA 2 way & multiway standard dimmer module | GUGEMDIMBSS16 | GUGEMDIMBMS16 | GUGEMDIMBPB16 | GUGEMDIMBBN16 | |
| | Electronic 350W/VA infra red dimmer module | GUGEMRDIMB16 | GUGEMRDIMBMS16 | GUGEMRDIMBPB16 | GUGEMRDIMBBN16 | |
| | 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 | |
| | Flex outlet (10mm dia) | GUG16COBSS | GUG16COBMS | GUG16COBPB | GUG16COBBN | |
| 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 | | | | |

Rocca range

The wide rocker switches that give this range its name make for easy use and distinctive looks. Available in three high quality finishes, the Rocca modular system provides both style and versatility for commercial and domestic applications.

The range also benefits from the frame and modules being installed separately from the decorative plate, so all building and decorating work can be completed before you install that final finishing touch.

Subject to availability.



Features & benefits:

Consumer

- > Concealed fixing screws for streamlined, screwless appearance
- > High quality polycarbonate
- > Choice of finishes
- > Wide rockers for ease of use

Installer

- > Optional interchangeable frame
- > In-line, angled terminals and crosshead captive screws for easy installation
- > Clear, colour-coded terminal markings to aid selection
- > Easy to remove snap-on snap-off front plate for ease of decoration



GRME3020

13A socket outlets

- Dimensions: 87 x 87mm (1 gang), 87 x 147mm (2 gang)
- Mounting Box:
 - SB251 (F) GPAT1G25 (S) 1 gang
 - SB252 (F) GPAT2G25 (S) 2 gang
- Fix screws: M3.5 x 30mm
- Graphite interior with mercury frame
- Graphite interior with graphite frame
- Stone interior with stone frame
- BS 1363

| Part number | Description | Qty |
|-------------|-----------------|-----|
| GR**3010 | 1 gang switched | 1 |
| GR**3020 | 2 gang switched | 1 |



GRME1022

16A plate switches

- Dimensions: 87 x 87mm
- Mounting Box: SB251 (F) GPAT1G25 (S)
- Fix screws: M3.5 x 25mm
- Mercury interior with mercury frame
- Graphite interior with graphite frame
- Stone interior with stone frame
- BS EN 60669-1

| Part number | Description | Qty |
|-------------|--------------|-----|
| GR**1012 | 1 gang 2 way | 1 |
| GR**1022 | 2 gang 2 way | 1 |
| GR**1032 | 3 gang 2 way | 1 |



GRGT6022

Mains dimmer switches



- Dimensions: 87 x 87mm
- Mounting Box: SB351 (F) GPAT1G35 (S)
- Fix screws: M3.5 x 25mm
- Graphite interior with mercury frame
- Graphite interior with graphite frame
- Stone interior with stone frame
- BS EN 60669-2-1

| Part number | Description | Qty |
|-------------|-------------------|-----|
| GR**6012 | 1 gang 2 way 400W | 1 |
| GR**6022 | 2 gang 2 way 250W | 1 |



GRST4011

20A & 45A DP switches

- Dimensions: 87 x 87mm
- Mounting Box:
 - SB351 (F) GPAT1G35 (S) 20A
 - SB471 (F) GPAT1G47 (S) 45A
- Fix screws: M3.5 x 25mm
- Graphite interior with mercury frame
- Graphite interior with graphite frame
- Stone interior with stone frame
- BS EN 60669-1

| Part number | Description | Qty |
|-------------|------------------|-----|
| GR**2010 | 20A DP | 1 |
| GR**4011 | 45A DP with neon | 1 |

Note Replace ** with suffix code to denote finish required
GT Graphite **ST** Stone **PW** White



GRME5010

13A fused connection units

- Dimensions: 87 x 87mm
- Mounting Box: SB351 (F) GPAT1G35 (S)
- Fix screws: M3.5 x 25mm
- Graphite interior with mercury frame
- Graphite interior with graphite frame
- Stone interior with stone frame
- BS 1363

| Part number | Description | Qty |
|-------------|-------------|-----|
| GR**5010 | Switched | 1 |



GRST7062

Communication outlets

- Dimensions: 87 x 87mm
- Mounting Box: SB251 (F) GPAT1G25 (S)
- Fix screws: M3.5 x 25mm
- Graphite interior with mercury frame
- Graphite interior with graphite frame
- Stone interior with stone frame
- BS EN 41003

| Part number | Description | Qty |
|-------------|------------------|-----|
| GR**7051 | Single RJ11 | 1 |
| GR**7061 | Single master | 1 |
| GR**7062 | Single secondary | 1 |
| GR**7010 | Single TV/FM | 1 |



GRGT7016

TV & telephone combined outlets

- Dimensions: 87 x 87mm
- Mounting Box: SB251 (F) GPAT1G25 (S)
- Fix screws: M3.5 x 25mm
- Graphite interior with mercury frame
- Graphite interior with graphite frame
- Stone interior with stone frame
- BS EN 41003
- BS 3041 (where applicable)

| Part number | Description | Qty |
|-------------|--------------------|-----|
| GR**7016 | Telephone co-axial | 1 |

Note Replace ** with suffix code to denote finish required
GT Graphite **ST** Stone **PW** White



GRL101ST

10AX modules

■ BS EN 60669-1

| Part number | Description | Qty |
|-------------|-----------------------|-----|
| GRL101** | 10AX 1 way | 1 |
| GRL102** | 10AX 2 way | 1 |
| GRL102R** | 10AX 2 way retractive | 1 |
| GRL10I** | 10AX intermediate | 1 |



GRL202KST

20AX modules

■ Key supplied with key switch

■ BS EN 60669-1

| Part number | Description | Qty |
|-------------|--------------------|-----|
| GRL201** | 20AX 1 way | 1 |
| GRL202** | 20AX 2 way | 1 |
| GRL2020** | 20AX 2 way and off | 1 |
| GRL202K** | 20AX 2 way key | 1 |
| GRL20DP** | 20AX DP | 1 |
| GRL20DPN** | 20AX DP with neon | 1 |
| GRL20DPK** | 20AX DP key | 1 |



GRL13FCUGT

Fused connection unit modules

■ BS 1363

| Part number | Description | Qty |
|-------------|-------------|-----|
| GRL13FCU** | 13A fused | 1 |



GRL13USPW

13A socket outlet module

■ BS 1363

| Part number | Description | Qty |
|-------------|--------------------|-----|
| GRL13USPW | Unswitched - White | 1 |



GRLTELST

TV and telephone outlets

■ BS EN 41003

■ BS EN 3041 (where applicable)

| Part number | Description | Qty |
|-------------|------------------------|-----|
| GRLCOAX** | Coaxial outlet | 1 |
| GRLTEL** | BT secondary telephone | 1 |



GRLINDGGT

Accessories

■ 240V

■ BS 5733

| Part number | Description | Qty |
|-------------|-------------------------|-----|
| GRLINDR** | Red indicator | 1 |
| GRLINDO** | Orange indicator | 1 |
| GRLINDG** | Green indicator | 1 |
| GRLIBP** | Blank module | 1 |
| GRLCO** | Cord outlet (10mm dia.) | 1 |

Note Replace ** with suffix code to denote finish required

GT Graphite

ST Stone

PW White



GRLS08GSS

Screwless cover plate

- Cover plates are supplied with the correct number of grid frames
- BS 5733

| Part number | Description | Qty |
|-------------|---------------|-----|
| GRLS01G** | 1 gang plate | 1 |
| GRLS02G** | 2 gang plate | 1 |
| GRLS03G** | 3 gang plate | 1 |
| GRLS04G** | 4 gang plate | 1 |
| GRLS06G** | 6 gang plate | 1 |
| GRLS08G** | 8 gang plate | 1 |
| GRLS09G** | 9 gang plate | 1 |
| GRLS012G** | 12 gang plate | 1 |



GBG01

Flush mounting boxes

- All boxes are supplied with 25mm knockouts and earth terminals
- BS 5733

| Part number | Description | Qty |
|-------------|--------------------------|-----|
| GBG01 | 1 - 2 gang mounting box | 10 |
| GBG02 | 3 - 4 gang mounting box | 5 |
| GBG03 | 6 - 8 gang mounting box | 1 |
| GBG04F | 9 - 12 gang mounting box | 1 |

Note Replace ** with suffix code to denote finish required

PW White metal **SS** Stainless steel **MS** Mirror steel

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.

Features & benefits:

Consumer

- > Timeless traditional profile suitable for both domestic and commercial use
- > Outstanding value for money

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



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 |
| GSKTSW2GV | 2 gang switched 'V' locator | 5 |

Note: GSKTSW2G has now migrated to **GSKTSW2G2**



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 |



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 active control | 1 |
| LSKT2GR | *2 gang RCD 30mA active control | 1 |
| LSKT2GRP | **2 gang RCD 30mA passive control | 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.



LSKT2GR

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

6AX 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 |

* 6A 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 | 10AX 1 gang 2 way architrave | 10 |
| GSWA2G2W | 10AX 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



GD2G1W

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 |



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 |

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 |



GSWDPN20A

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



GSPUR

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 | GSWNSPURTD |
| Washer dryer | | | | | | GSPURWDY | GSWNSPURWDY |
| Waste disposal | | | | | | GSPURWD | GSWNSPURWD |
| Washing machine | | | | | | GSPURWM | GSWNSPURWM |



G45ACCUN

45A DP switches and 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 |
|-------------|--|-----|
| GCKR45A | 45A DP 1 gang | 5 |
| GCKRN45A | 45A DP 1 gang with neon | 5 |
| GCKR45A2G | 45A DP 2 gang | 5 |
| GCKRN45A2G | 45A 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 |



GUE7010W



GUE7030W



GUE7061W

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 |
|-------------|------------------------------|-------------|-----|
| 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:

- > 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



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

6AX 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 |



GEP6512PC

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

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

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



GEP6512LVPC

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

| 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 |



GEP4521WPC

45A DP switches

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

| Part number | Description | Qty |
|-------------|---------------------|-----|
| GEP4520*** | DP switch | 1 |
| GEP4521*** | 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



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

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

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



LMCSKT2GR

RCD protected devices

- 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

| 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 |
| GMCPRCDFCU | 1 gang fused connection unit RCD 30mA passive | 1 |



GMC612

6AX plate switches

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

| Part number | Description | Qty |
|---------------|--------------------|---------------------|
| Grey | Silver grey | |
| GMC612 | GMCS612 | 1 gang 2 way |
| GMC622 | GMCS622 | 2 gang 2 way |
| GMC632 | GMCS632 | 3 gang 2 way |
| GMCINT | GMCSINT | 1 gang intermediate |



GMC20SN

20A DP switches

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

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



GMC45S

45A switches

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

| Part number | Grey | Silver grey | Description | Qty |
|-----------------|------|------------------|---------------------|-----|
| GMC45S | | GMCS45S | 1 gang DP | 10 |
| GMC45SN | | GMCS45SN | 1 gang DP with neon | 10 |
| GMC45S2N | | GMCS45S2N | 2 gang DP with neon | 5 |



GMC13SSP

13A fused connection units

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

| Part number | Grey | 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 |



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

Note: All products except grid plates are supplied complete with 42mm depth surface mounting box in matching finish. 1 gang box includes 4 x 20mm knockouts, 2 gang box includes 10 x 20mm knockouts



GUG03GSMC

Surface metal clad grid plates

- BS 5733
- Supplied with mounting grid
- See grid section for switch modules

| Part number | | Description | Qty |
|-----------------|------------------|-------------|-----|
| Grey | Silver | | |
| 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 25mm knockouts and earth terminals
- BS 5733

| Part number | | Description | Qty |
|---------------|----------------|-------------------------|-----|
| Grey | Silver | | |
| GBG01 | GBGS01 | 1-2 gang mounting box | 10 |
| GBG02 | GBGS02 | 3-4 gang mounting box | 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 4 x 20mm knockouts, 2 gang box includes 10 x 20mm knockouts

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.

Features & benefits:

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



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 |

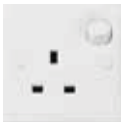


E15NWE

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 |



E25CESFNWE

13A surge protected switched socket outlets with outboard rockers

■ BS 1363

| Part number | Description | Qty |
|-------------|---|-----|
| E25SFWE | 2 gang switched socket with surge protection | 1 |
| E25CESFWE | 2 gang switched socket with surge protection and filtered clean earth | 1 |



E25SFWE

5A round pin unswitched socket outlets

■ BS 546

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



E4265WE

15A round pin switched socket outlets

■ BS 546

| Part number | Description | Qty |
|-------------|---|-----|
| E1515WE | 1 gang 3 pin switched socket outlet white | 1 |



E1515WE



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 2 way circuits
- 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 |



E31DFSGNWE

25A flex outlet plate

■ BS 5733

| Part number | Description | Qty |
|-------------|------------------------|-----|
| E31TBWE | 1 gang connection unit | 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



E-Series polycarbonate plates & mechanisms

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:

- > 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
- > Printing service available on request
- > Blank plugs are available for unused apertures



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 |



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 |
| 39MWE | 10A 4 terminal 3 position 'LO-OFF-HI' | 1 |
| 30FLM15WE | 15A switch mechanism (For fluorescent loads only) | 1 |
| 30M20WE | 20A 2 way 4 terminal | 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 |
|-------------|--|-----|
| 30MBPWE | 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 | Cat 5 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 | Security screws for mechanisms | 10 |
| 9WE | Plain screw caps - White | 10 |
| 30PWE | Moulded removable plugs - plain | 1 |

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 |
| E93PS9WE | Pendant set, 9 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 |



GSWPULL45N

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
- 45A suitable for use as an isolator switch
- BS EN 60669-1

| Part number | Description | Qty |
|-------------------|---------------------------------|-----|
| GSWPULL6 | 6AX 1 way | 10 |
| GSWPULL62 | 6AX 2 way | 10 |
| GSWPULL45 | 45A double pole 1 way | 10 |
| GSWPULL45N | 45A double pole 1 way with neon | 10 |



GJB620A

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 |
|------------------|--|-----|
| GJB5ABR | 5A 4 terminal selective entry 4 x 1.5mm | 10 |
| GJB20ABR | 20A 4 terminal selective entry 3 x 2.5mm | 10 |
| GJB20ABR | 20A 4 terminal non-selective entry 3 x 2.5mm | 10 |
| GJB620ABR | 20A 6 terminal selective entry x 2.5mm | 10 |
| GJB30ABR | 30A 3 terminal selective entry x 4mm | 10 |
| GJB20ASBR | Compact 20A 4 terminal non-selective entry 59mm diameter | 10 |



GJB5ABR

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 | |
| KBU322W | 2 gang knockout 32mm deep | |
| PBU441W | Plain 44mm deep | |
| KBU441W | Knockout 44mm deep | |

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 | |
| KBR321W | 1 gang knockout 32mm deep | |
| KBR322W | 2 gang knockout 32mm deep | |



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 |

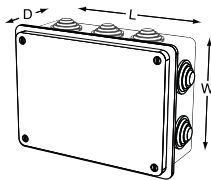


TOP13A

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 |
| GEBP7 | 7 | 1 |
| GEBP8 | 8 | 1 |
| GEBP9 | 9 | 1 |

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:

- > Delivers measurable energy savings
- > Combines infra-red and ultrasonic detection technologies
- > Simple programming by infra-red remote controller
- > Dual loading
- > Suitable for different lighting loads (incandescent, AC halogen, LV halogen, fluorescent)
- > Complementary to the Ultimate screwless flat plate range of wiring accessories

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 |

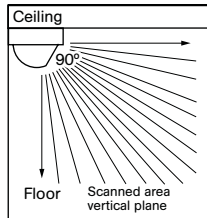
- Surface mount
- Detection area 6m x 6m at 2.4m height range



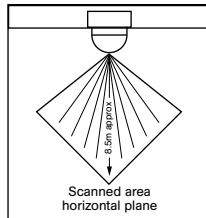
E751

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

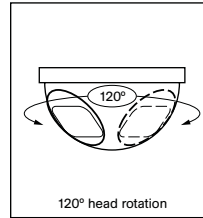
Field of view:



90° viewing angle



Detection area 6 x 6 metres



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



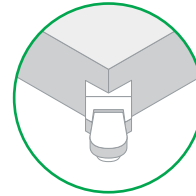
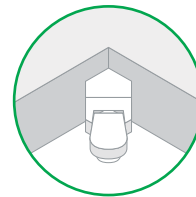
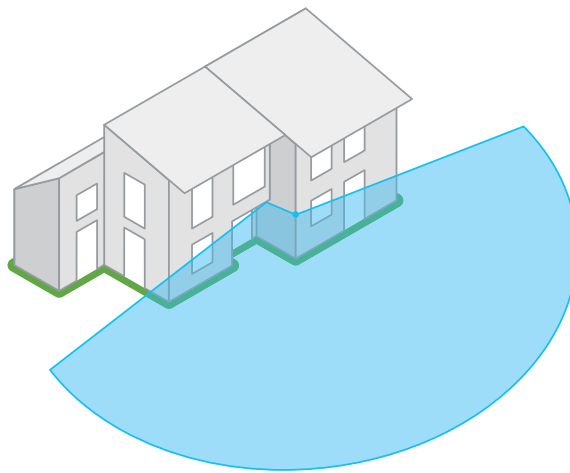
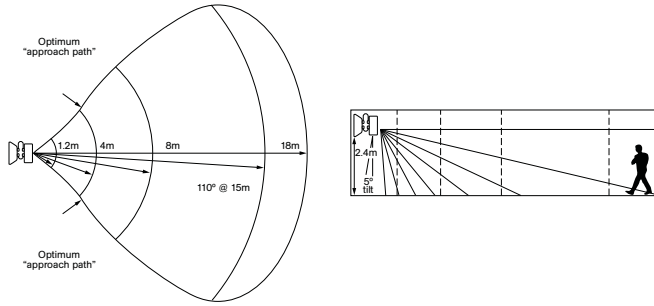
CCT56P008

- 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





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 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

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
- > Large press dolly, 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 |



CSW120Z

IP66 - switches

- IEC 60669-1

| Part number | Description | Qty |
|----------------|--|-----|
| CSW120 | 16A 250V 1 gang 2 way switch with looping terminal | 1 |
| CSW120Z | 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 |



CLIPSA
No. CS5320

56 Series dust-resistant and hose proof

They are made of ultra violet resistant PVC. An extensive choice of modules are available including switches and socket outlets. 56 Series offer safety in operation and are equipped with locking facility. Additionally, when plugs are removed, the socket cover automatically locks into place, preventing dust or water from entering.



56 Series modules

Designed to mix & match. Packed with features designed to outperform all other protected accessories



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 |
|--------------|--|-----|
| 56SO313LEGY | 13A 250V 3 pin surface socket outlet - Grey | 1 |
| 56SO313LERO | 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 |
|-------------|---|-----|
| 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 disconnectors

■ 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 |



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 DP double sliding dolly switch - Grey | 1 |
| 56SSW215LEGY | 15A 250V DP double sliding dolly 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 |



56SO3166LEGY

IP66 - industrial socket outlets

■ IEC 60529

■ BS 1363

| Part number | Description | Qty |
|--------------|--|-----|
| 56SO3164LEGY | 16A 4h 110/130V 3 pin surface socket outlet - Yellow | 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 |



Moulded covers

- For use with Clipsal mechanisms
- IEC 60529
- BS 5733

| Part number | Description | Qty |
|---|--|-----|
| 5632LEGY | 2 aperture lid for mechanisms - Grey | 1 |
| 5632LERO | 2 aperture lid for mechanisms - Resistant Orange | 1 |
| 56CB4GY | 4 gang lid for 4P device - Grey | 1 |
| 56CB4NGY | 4 gang lid with neon for 4P din device - Grey | 1 |
| For use with mounting enclosures | | |
| 56L1GY | 1 gang lid - Grey | 1 |
| 56L2GY | 2 gang lid - 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 63 | 1 |
| 56E1RO | Surface mount 1 module - Resistant Orange | 102 x 101 x 63 | 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 38 | 1 |
| 56ES2GY | Surface mount 2 module shallow - Grey | 198 x 101 x 38 | 1 |
| 56ES2RO | Surface mount 2 module shallow - Resistant Orange | 198 x 101 x 38 | 1 |



56FA1GY

Flush mounting surrounds

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



56C313GY

Socket outlets with enclosures

- 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 |



56FCUGY

Switched fused connection units with enclosure

- IEC 60529

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



56JB1GY

Junction box

- IEC 60529
- BS 5733

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

Making the difference





Lunéta lighting

The right lighting can make all the difference to the atmosphere of a home, office or outdoor space.

Indoor lighting

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Complement
any interior
styling

Indoor
lighting

Indoor lighting

Downlights

With a wide choice of lamp types and finishes, the downlights will complement any interior styling.

The range includes the latest LED technology for efficient energy savings. Each downlight has been colour matched with a choice of high quality finishes to complement the Ultimate wiring accessory range.

The range of fire rated and acoustic downlights in LED, low voltage, GU10 halogen, low energy mains versions ensure the latest building regulations are met together with Part L compliance, offering 637 lumens per watt.



Features & benefits:

Fire rated & Low Energy Fire rated

- > Die cast construction
- > Available in 3 popular finishes
- > Maintain fire resistance of load bearing floors for up to 90 minutes
- > IP65 shower version
- > Acoustic rating to BS EN ISO 140-3: 1995 and 140-6 1998
- > Moisture resistant seals for fixed versions
- > Low energy versions supplied with 7W GU10 low energy saving lamp

Die Cast and Pressed metal

- > Fixed, tilt and shower versions
- > Available in a choice of finishes to match the Ultimate screwless and flat plate accessory ranges
- > Shower versions rated to IP65

Transformers

- > Available in 65VA – 200VA
- > Compact installer friendly design
- > Re-settable cut out switch on Performer Plus range
- > Power on LED on Performer Plus range

LED 12W fire-rated downlights with integral lamp



- Integral 12W LED lamp
- 50,000 hour lamp life
- 3000k temperature - Warm white
- Supplied with separate driver unit for peace of mind
- 45W lumens per watt - satisfies requirements of Part L1
- Unique retention clip maintains fire rating performance
- Equivalent light output - 50W Halogen GU10
- Beam angles
 - Fixed - 45°
 - Tilt - 30°
 - Shower - 45°
- Lumens = 637lm
- Candela = 1300cd
- Colour Rendering Ra = 83

- Cut-out (mm): 76-85mm
- Maximum depth: 82mm
- Overall diameter: 95mm



GDFCSLED12W

| Part number | Description | Qty |
|--------------------|----------------|-----|
| Fixed | | |
| GDFCLED12W | White | 1 |
| GDFCLED12BC | Brushed Chrome | 1 |
| GDFCLED12C | Chrome | 1 |

- Cut-out (mm): 85mm
- Maximum depth: 105mm
- Overall diameter: 96mm



GDRSLED12W

| Tilt | | |
|--------------------|----------------|---|
| GDRSLED12W | White | 1 |
| GDRSLED12BC | Brushed Chrome | 1 |
| GDRSLED12C | Chrome | 1 |

- Cut-out (mm): 76-85mm
- Maximum depth: 82mm
- Overall diameter: 95mm

| Shower | | |
|---------------------|----------------|---|
| GDFCSLED12W | White | 1 |
| GDFCSLED12BC | Brushed Chrome | 1 |
| GDFCSLED12C | Chrome | 1 |

LED 7W fire-rated downlights (lamp supplied)



- Supplied with 7W GU10 Replacement LED lamp
- Approx 20,000 hours life
- 2800k temperature - Warm white
- Equivalent light output - 35W Halogen GU10
- Beam Angle - 35°
- Lumens = 210lm
- Candela = 500cd
- Colour Rendering Ra = 80

- Cut-out (mm): 72mm
- Maximum depth: 120mm
- Overall diameter: 86mm

| Part number | Description | Qty |
|--------------------|-----------------|-----|
| Fixed | | |
| GDFFLED07W | White | 1 |
| GDFFLED07SS | Stainless Steel | 1 |
| GDFFLED07C | Polished chrome | 1 |



GDFFLED07SS

- Cut-out (mm): 83mm
- Maximum depth: 110mm
- Overall diameter: 100mm

| Tilt | | |
|--------------------|-----------------|---|
| GDFTLED07W | White | 1 |
| GDFTLED07SS | Stainless Steel | 1 |
| GDFTLED07C | Polished chrome | 1 |



GDFTLED07SS

- Cut-out (mm): 74mm
- Maximum depth: 130mm
- Overall diameter: 88mm

| Shower | | |
|--------------------|----------------------|---|
| GDFSLED07W | IP55 White | 1 |
| GDFSLED07SS | IP55 Stainless Steel | 1 |
| GDFSLED07C | IP55 Polished chrome | 1 |



GDFSLED07SS



GDFLGEDW

Mains voltage low energy GU10 CFL (lamp included)



- Suitable for use with 7W GU10 lamp (code CFLR507W827GU)
- Moisture resistant seals
- Die cast construction c/w stirrup and enclosed terminal block
- Lamp: (GU10 7W)
- Cut-out (mm): 72mm
- Ceiling Depth: 135mm

| Part number | Description | Qty |
|------------------|-----------------|-----|
| Fixed | | |
| GDFLGEDW | White | 10 |
| GDFLGEDC | Polished chrome | 10 |
| GDFLGEDSS | Stainless steel | 10 |



GDFLLD50SSL

Low voltage MR16 halogen downlighters (lamp included)

- Max rating 50W when used with aluminised lamp (code HD50WM2582A). When used with non-aluminised lamps max rating of lamp must be 35W
- Shower version rated to IP65 and can be installed in Zones 1 and 2 (see technical page)
- Lamp: MR16 (50W max)
- Cut-out (mm): 72mm
- Ceiling Depth: 100mm

| Part number | Description | Qty |
|--------------------|-----------------|-----|
| Fixed | | |
| GDFLLD50WL | White | 10 |
| GDFLLD50CL | Polished chrome | 10 |
| GDFLLD50SSL | Stainless steel | 10 |



GDFLLTD50SSL

Tilt

| | | |
|---------------------|-----------------|----|
| GDFLLTD50WL | White | 10 |
| GDFLLTD50CL | Polished chrome | 10 |
| GDFLLTD50SSL | Stainless steel | 10 |



GDFLLS50SSL

Shower

| | | |
|--------------------|-----------------|----|
| GDFLLS50WL | White | 10 |
| GDFLLS50CL | Polished chrome | 10 |
| GDFLLS50SSL | Stainless steel | 10 |

Mains voltage GU10 halogen downlighters (lamp included)

- Maintain fire resistance of load bearing floors for up to 90 minute ceilings to BS476 parts 20, 21 and 23
- Moisture resistant seals for fixed version
- Die cast construction c/w stirrup and enclosed terminal block
- Quick fix steel clips to ensure secure fixing
- Shower version rated to IP65
- Accoustic rating to BS EN ISO 140-3: 1995 and 140-6 1998
- Lamp: GU10 (50W max)
- Cut-out (mm): 72mm
- Ceiling Depth: 100mm



GDFLGD50SSL

| Part number | Description | Qty |
|--------------------|-----------------|-----|
| Fixed | | |
| GDFLGD50WL | White | 10 |
| GDFLGD50CL | Polished chrome | 10 |
| GDFLGD50SSL | Stainless steel | 10 |



GDFLGD50SSL

| Tilt | | |
|--------------------|-----------------|----|
| GDFLGD50WL | White | 10 |
| GDFLGD50CL | Polished chrome | 10 |
| GDFLGD50SSL | Stainless steel | 10 |



GDFLGS50SSL

| Shower | | |
|--------------------|-----------------|----|
| GDFLGS50WL | White | 10 |
| GDFLGS50CL | Polished chrome | 10 |
| GDFLGS50SSL | Stainless steel | 10 |



GDLLD50C

Low voltage MR16 halogen downlighters (lamp required)

- Lamp: MR16 (50W max)
- Cut-out (mm): 60mm
- Ceiling Depth: 116mm
- Diameter: 80mm

| Part number | Description | Qty |
|------------------|-----------------|-----|
| Fixed | | |
| GDLLD50W | White | 6 |
| GDLLD50C | Polished chrome | 6 |
| GDLLD50SS | Stainless steel | 6 |
| GDLLD50BN | Black nickel | 6 |



GDLLTD50BN

- Lamp: MR16 (50W max)
- Cut-out (mm): 65mm
- Ceiling Depth: 116mm
- Diameter: 80mm

| Tilt | | |
|-------------------|-----------------|---|
| GDLLTD50W | White | 6 |
| GDLLTD50C | Polished chrome | 6 |
| GDLLTD50SS | Stainless steel | 6 |
| GDLLTD50BN | Black nickel | 6 |



GDLGD50SS

Mains voltage GU10 halogen downlighters (lamp included)

- Lamp: GU10 (50W max)
- Cut-out (mm): 60mm
- Ceiling Depth: 116mm
- Diameter: 80mm

| Part number | Description | Qty |
|--------------|-----------------|-----|
| Fixed | | |
| GDLGD50W | White | 6 |
| GDLGD50C | Polished chrome | 6 |
| GDLGD50SS | Stainless steel | 6 |
| GDLGD50BN | Black nickel | 6 |



GDLGTD50BN

- Lamp: GU10 (50W max)
- Cut-out (mm): 65mm
- Ceiling Depth: 116mm
- Diameter: 80mm

| Tilt | | |
|-------------|-----------------|---|
| GDLGTD50W | White | 6 |
| GDLGTD50C | Polished chrome | 6 |
| GDLGTD50SS | Stainless steel | 6 |
| GDLGTD50BN | Black nickel | 6 |



GDLL50C

Low voltage MR16 downlighters (lamp required)

- Lamp: MR16 (50W max)
- Cut-out (mm): 65mm
- Ceiling Depth: 116mm
- Diameter: 80mm

| Part number | Description | Qty |
|--------------|-----------------|-----|
| Fixed | | |
| GDLL50C | Polished chrome | 6 |
| GDLL50W | White | 6 |
| GDLL50SS | Stainless steel | 6 |
| GDLL50BN | Black nickel | 6 |



GDLLT50BN

- Lamp: MR16 (50W max)
- Cut-out (mm): 80mm
- Ceiling Depth: 116mm
- Diameter: 105mm

| Tilt | | |
|-------------|-----------------|---|
| GDLLT50C | Polished chrome | 6 |
| GDLLT50W | White | 6 |
| GDLLT50SS | Stainless steel | 6 |
| GDLLT50BN | Black nickel | 6 |



GDLLS50C

Low voltage MR16 halogen shower lights (lamp required)

- Lamp: MR16 (50W max)
- Cut-out (mm): 72.5mm
- Ceiling Depth: 100mm
- Diameter: 83mm
- Suitable for use in Zone 1
- For technical information see page 188-192

| Part number | Description | Qty |
|-------------|-----------------|-----|
| GDLLS50C | Polished chrome | 1 |
| GDLLS50W | White | 1 |
| GDLLS50SS | Stainless steel | 1 |
| GDLLS50BN | Black nickel | 1 |



GDLLS50BN

Mains voltage GU10 downlighters (lamp included)

- Fixed and tilt models
- Complete with stirrup and covered terminal block, quick fit steel spring clips and a lamp retaining clip
- For use with max 50W MR16 dichroic lamp (not included) or mains voltage GU10 lamp (included)
- Individually boxed
- Dichroic lamps reflect the heat backwards to provide a cool beam while GU10 lamps reflect heat forwards
- Suitable for commercial and domestic applications



GDLG50C

- Lamp: GU10 (50W max)
- Cut-out (mm): 65mm
- Ceiling Depth: 116mm
- Diameter: 80mm

| Part number | Description | Qty |
|-----------------|-----------------|-----|
| Fixed | | |
| GDLG50C | Polished chrome | 6 |
| GDLG50W | White | 6 |
| GDLG50SS | Stainless steel | 6 |
| GDLG50BN | Black nickel | 6 |



GDLGT50SS

- Lamp: GU10 (50W max)
- Cut-out (mm): 60mm
- Ceiling Depth: 116mm
- Diameter: 115mm

| Tilt | | |
|------------------|-----------------|---|
| GDLGT50C | Polished chrome | 6 |
| GDLGT50W | White | 6 |
| GDLGT50SS | Stainless steel | 6 |
| GDLGT50BN | Black nickel | 6 |

Mains voltage GU10 halogen shower lights (lamp included)

Features:

- Suitable for use in bathrooms and shower cubicles
- Clear glass diffuser
- Also suitable for exterior use (IP54 rated), for example on porches
- Die cast construction c/w stirrup and enclosed terminal block
- For use with max 50W MR16 dichroic lamp (not included) or mains voltage GU10 lamp (included)
- Lamp: MR16 (50W max)
- Cut-out (mm): 72.5mm
- Ceiling Depth: 100mm
- Diameter: 83mm
- For technical information see page 188-192



GDLGS50SS



GDLGS50C

| Part number | Description | Qty |
|------------------|-----------------|-----|
| GDLGS50C | Polished chrome | 1 |
| GDLGS50W | White | 1 |
| GDLGS50SS | Stainless steel | 1 |
| GDLGS50BN | Black nickel | 1 |



GTR105

Transformers – Performer

- Compact installer friendly design
- For use with GET low voltage luminaires
- 5 year guarantee

| Part number | Description | Dimensions (w,h,d) | Weight (g) | Qty |
|---------------|---------------------------------------|--------------------|------------|-----|
| GTR65 | 65VA electronic dimmable transformer | 124 x 40 x 30 | 97 | 1 |
| GTR105 | 105VA electronic dimmable transformer | 124 x 40 x 30 | 1129 | 1 |
| GTR150 | 150VA electronic dimmable transformer | 208 x 55 x 40 | 270 | 1 |
| GTR200 | 200VA electronic dimmable transformer | 208 x 55 x 40 | 290 | 1 |



GTR105P

Transformers – Performer Plus

- Compact installer friendly design
- For use with GET low voltage luminaires
- Resettable thermal cut out switch
- Power on LED indicator
- Unique central earthing posting system
- 10 year guarantee

| Part number | Description | Dimensions (w,h,d) | Weight (g) | Qty |
|----------------|---------------------------------------|--------------------|------------|-----|
| GTR65P | 65VA electronic dimmable transformer | 124 x 40 x 30 | 107 | 1 |
| GTR105P | 105VA electronic dimmable transformer | 147 x 40 x 30 | 1219 | 1 |
| GTR150P | 150VA electronic dimmable transformer | 208 x 55 x 40 | 280 | 1 |
| GTR200P | 200VA electronic dimmable transformer | 208 x 55 x 40 | 300 | 1 |

Low voltage dichroic halogen and aluminised lamps

- Cap: MR16 – GU5.3 Beam: 38°
- GU5.3: Average rated life 4000 hours
- M2692 & M2582: Average rated life 2000 hours
- Suitable for display lighting
- Suitable for dimming



| Part number | Watts | Volts | Qty |
|--------------------|-------|-------|-----|
| Dichroic | | | |
| HD35WM281 | 35W | 12V | 20 |
| HD50WM258 | 50W | 12V | 20 |
| Aluminised | | | |
| HD50WM2582A | 50W | 12V | 20 |



CFLR507W827GU

Energy saving GU10 lamps



- Cap: GU10
- Colour: Warm white 827

| Part number | Watts | GLS | Volts | Qty |
|----------------------|-------|-----|-------|-----|
| CFLR507W827GU | 7W | 35W | 240V | 10 |



HD50WGU10

Mains aluminised halogen lamps

- Cap: GU10 Beam: 36°
- Providing crisp clean light for use in downlighters and uplighters
- Suitable for dimming
- Does not require transformer

| Part number | Watts | Volts | Qty |
|------------------|-------|-------|-----|
| HD35WGU10 | 35W | 240V | 10 |
| HD50WGU10 | 50W | 240V | 10 |

Indoor lighting

Cabinet & under shelf range

A traditional range of low voltage cabinet lighting and mains voltage striplights. Cabinet lights are available in 2 finishes. The T4 and T5 range of mini batten link light is designed for under cabinet and display lighting applications.

The T5 fittings are supplied with diffusers and both ranges can be linked either directly or by an extension cable enabling complete flexibility. Also included is a range of low energy cabinet lights which are ideal for under cabinets, shelves and wardrobes. These are compact in design, available in 3 finishes and supplied with an energy saving 7W GX53 lamp.

Features & benefits:

Mini batten link lighting

- > T4 and T5 mini battens can be interconnected directly or by using the link cable (supplied)
- > Supplied with triphosphor fluorescent tube
- > Electronic flicker free operation
- > Separately switched
- > Diffuser (T5 only)

Low voltage cabinet lights

- > Supplied complete with a G4 lamp
- > Luminaires supplied with removable mounting collar for surface or flush mounting.

Low energy cabinet lights

- > Supplied complete with 7W GX53 lamp
- > 3 finishes: white, chrome and stainless steel
- > Average rated life is 8000 hours



T4 under cupboard link lighting (with lamp)



| Part number | Description | Lamp | Length | Qty |
|-------------|------------------------------|----------------|--------|-----|
| GT4FL6W35 | Mini batten link light - 6W | T4 fluorescent | 275mm | 1 |
| GT4FL10W35 | Mini batten link light - 10W | T4 fluorescent | 400mm | 1 |
| GT4FL16W35 | Mini batten link light - 16W | T4 fluorescent | 500mm | 1 |
| GT4FL20W35 | Mini batten link light - 20W | T4 fluorescent | 625mm | 1 |
| GT4FL30W35 | Mini batten link light - 30W | T4 fluorescent | 760mm | 1 |
| LINK500 | 500mm link cable | | | 1 |
| LINK1M | 1m link cable | | | 1 |



T5 under cupboard link lighting (with lamp & diffuser)



- Supplied with linking cable
- All mini battens can be interconnected directly or with link cable (supplied)
- Electronic flicker free operation
- Supplied with 3500K triphosphor white tube
- Full fitting instructions and fixing kit included
- T5 supplied with diffuser
- Replacement tubes available
- Separately switched
- BS EN 60598

| Part number | Description | Lamp | Length | Qty |
|-------------|------------------------------|----------------|--------|-----|
| GT5FL8W35 | Mini batten link light - 8W | T5 fluorescent | 300mm | 1 |
| GT5FL13W35 | Mini batten link light - 13W | T5 fluorescent | 530mm | 1 |
| GT5FL21W35 | Mini batten link light - 21W | T5 fluorescent | 900mm | 1 |
| GT5FL28W35 | Mini batten link light - 28W | T5 fluorescent | 1200mm | 1 |
| LINK5005 | 500mm link cable | | | 1 |
| LINK1M5 | 1m link cable | | | 1 |

Direct and cable link



T4FL16W35

T4 compact fluorescent tubes



- To fit GET mini batten range
- Colour: white 35

| Part number | Length | Watts | Volts | Qty |
|-------------|-----------|-------|-------|-----|
| T4FL6W35 | 11" 275mm | 6W | 230V | 10 |
| T4FL10W35 | 16" 400mm | 10W | 230V | 10 |
| T4FL16W35 | 20" 500mm | 16W | 230V | 10 |
| T4FL20W35 | 25" 625mm | 20W | 230V | 10 |
| T4FL30W35 | 30" 760mm | 30W | 230V | 10 |



T5FL6W33

T5 compact fluorescent tubes



- Suitable for kitchens, task lighting and emergency lighting
- Colour: white 35

| Part number | Length | Watts | Volts | Qty |
|-------------|-----------|-------|-------|-----|
| T5FL4W35 | 6" 150mm | 4W | 240V | 25 |
| T5FL6W35 | 9" 225mm | 6W | 240V | 25 |
| T5FL8W35 | 12" 300mm | 8W | 240V | 25 |
| T5FL13W35 | 21" 525mm | 13W | 240V | 25 |



GDLLC20C -
Surface Mounted

Low voltage cabinet lights (lamp included)



- Frosted glass lens
- Single lights have 1.5m cable (no connectors)
- Removable mounting collar for surface or flush mounting
- BS EN 60598-1
- Lamps: G4 halogen capsule
- Dimensions: 70mm diameter, 28mm depth (surface mounted)
- Ceiling depth: 20mm (flush mounted)
- Weight: 187gms

| Part number | Description | Qty |
|-------------|-------------|-----|
| GDLLC20C | 20W Chrome | 1 |
| GDLLC20W | 20W White | 1 |



Surface Mounted

GX53 low energy cabinet lights (with lamp)



- Compact design
- Ideal for under cabinets, shelves and wardrobes
- Lamps: GX53 7W
- Dimensions: 90mm diameter, 29mm depth (surface mount)

| Part number | Description | Qty |
|-------------|------------------------|-----|
| GDLGX53C | 7W CFL chrome | 1 |
| GDLGX53W | 7W CFL white | 1 |
| GDLGX53SS | 7W CFL stainless steel | 1 |



Fixed glass



Floating glass



Fitting c/w control gear

Compact fluorescent downlighters (lamp required)



A highly efficient low energy downlighter using horizontally mounted compact fluorescent lamps. Available in two options, either fixed or a floating glass. The floating glass helps to reflect a little of the light upwards to accent the ceiling and hide the lamp

- Electro brightened aluminium reflector
- Pre-wired separate control gear box with easy access for termination
- Switch start control gear (LPF)
- Horizontal lamp position
- Use with CFL fluorescent lamp
- Lamps: CFL fluorescent
- Cut out: 180mm
- Ceiling depth: 100mm
- Dimensions: 210mm diameter
- Weight: 1.5kg

| Part number | Description | Qty |
|--------------------------|-----------------------------|-----|
| Fixed glass cover | | |
| GDLC5126G | Single 26W with fixed glass | 1 |
| GDLC5226G | Twin 26W with fixed glass | 1 |

Etched floating glass cover

| | | |
|------------|------------------------------|---|
| GDLC5226FG | Twin 26W with floating glass | 1 |
|------------|------------------------------|---|



Shaver lights (lamp included)



A stylish range of four shaver light units are designed to complement even the most modern of bathrooms, the soft lines ensure compatibility with any décor whilst limiting dust and dirt collection. Even light dissipation is achieved through the opal diffuser whilst also providing safe disconnection of lamp contacts (when removed for easy replacement of lamps – 60W variants only).

Careful attention has been paid for fast and easy installation including a removable back plate and terminal access for wiring even after the unit has been fixed to the wall. The range is fully certified to all of the relevant safety standards.

Lighting in locations containing a bath or shower.

These illustrations and the advice below are based on BS 7671:2008 the IEE Wiring Regulations 17th Edition, Section 701. For full details please look in this document.

For lighting installed in Zones 1 and 2 all luminaires must be at least IPX4, or IPX5 if water jets are used for cleaning. The GET Shaverlight range is IP20 and must be installed outside Zones 0, 1 and 2.

All circuits for current-using equipment and accessories must be protected by RCD's of 30mA rating.

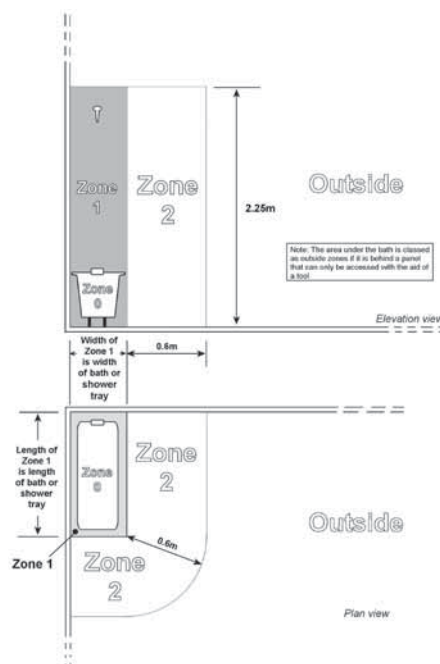
SELV (12V ac) luminaires must have the SELV source (transformer) outside the zones e.g. in the ceiling void.

Features

- Stylish modern design blends with any décor
- Opal diffuser for a softer light
- Fitted with earth looping terminal
- Supplied with loose back plate for faster fixing
- 60W fittings provide safe disconnection of lamp contact once the diffuser is removed
- Easy connection method
- Suitable for use in bathrooms (see Zone information below)
- Manufactured in flame retardant polycarbonate
- IP20
- Maximum lamp rating 60W
- Supplied pre-fitted with 284mm striplight or 11W CFL fluorescent lamp
- Manufactured in flame retardant polycarbonate
- Compatible with UK, Europe, Australia and USA regulations
- Complies with BS EN 60598-2-1
- Lamps: 60W Striplights or 11W CFL fluorescent (lamps included)
- Dimensions: 500mm(L) x 60mm(W) x 70mm(H)



| Part number | Description | Qty |
|-------------|--|-----|
| GSHVLITL | 60W Tungsten single voltage 230V output | 1 |
| GSHVLIT2L | 60W Tungsten dual voltage 115/230V output | 1 |
| GSHVLITFL2L | 11W Fluorescent dual voltage 115/230V output | 1 |



Bathroom lights must be installed in accordance with IEE regulations,



Shaver lights have concealed/protected dual voltage shutter socket

Indoor lighting

fluorescent battens & diffusers

The range of fluorescent battens from Schneider Electric is the ideal choice for commercial, industrial or domestic installations – combining quality, style, ease of installation and value for money.

- > High impact moulded lamp holder end cap assemblies
- > Powder coated steel casing for durability and enhanced rigidity
- > High temperature cable for electrical safety
- > High quality starter for reliability and long life
- > Large terminal connectors and cable entry for ease of wiring
- > Approved ballasts for long operational life and low noise emissions
- > Easy fit cover tray, simply turn the twist lock at each end of the batten for fuss free installation and maintenance without the use of a tool
- > High quality long life power factor correction capacitor (HPF versions)
- > Integral 3 hour battery back up (Emergency versions)

Features & benefits:

Mini batten link lighting

- > T4 and T5 mini battens can be interconnected directly or by using the link cable (supplied)
- > Supplied with triphosphor fluorescent tube
- > Electronic flicker free operation
- > Separately switched
- > Diffuser (T5 only)

Low voltage cabinet lights

- > Supplied complete with a G4 lamp
- > Luminaires supplied with removable mounting collar for surface or flush mounting.

Low energy cabinet lights

- > Supplied complete with 7W GX53 lamp
- > 3 finishes: white, chrome and stainless steel
- > Average rated life is 8000 hours

Bare batten (complete with lamp)



- Supplied with white 35 T8 fluorescent tubes
- Durable slim line steel construction
- Width of base 54mm
- Simple 90° turn twist toggles allow for easy access to the gear tray without the need for tools
- Large terminal blocks for fast and easy cable connection
- High quality epoxy powder coated finish
- UV stabilised, non colouring, high impact end cap assemblies
- End cap knockouts - no special tool or end cap drilling required
- Low and high power factor battens for general use
- Emergency available to order (high power factor only)
- Volts: 240V



LP236LPP

| Part number | Description | Wattage | Qty |
|-------------------------|---------------------|---------|-----|
| Low power factor | | | |
| LP118LPP | 650mm (2ft) single | 18W | 8 |
| LP218LPP | 650mm (2ft) twin | 18W | 8 |
| LP136LPP | 1225mm (4ft) single | 36W | 8 |
| LP236LPP | 1225mm (4ft) twin | 36W | 8 |
| LP158LPP | 1525mm (5ft) single | 58W | 8 |
| LP258LPP | 1525mm (5ft) twin | 58W | 8 |
| LP170LPP | 1790mm (6ft) single | 70W | 8 |
| LP270LPP | 1790mm (6ft) twin | 70W | 8 |



LP118HPP

| High power factor | | | |
|--------------------------|---------------------|-----|---|
| LP118HPP | 650mm (2ft) single | 18W | 8 |
| LP218HPP | 650mm (2ft) twin | 18W | 8 |
| LP136HPP | 1225mm (4ft) single | 36W | 8 |
| LP236HPP | 1225mm (4ft) twin | 36W | 8 |
| LP158HPP | 1525mm (5ft) single | 58W | 8 |
| LP258HPP | 1525mm (5ft) twin | 58W | 8 |
| LP170HPP | 1790mm (6ft) single | 70W | 8 |
| LP270HPP | 1790mm (6ft) twin | 70W | 8 |

Bare batten - high frequency (complete with lamp)



- No visible flicker
- No audible noise
- First time starting
- Reduced running cost (typically 25% energy savings)
- Lower weight
- Easier maintenance
- Further power factor improvement
- up to 5% increase in lumen performance
- Longer lamp life
- Volts: 240V



LP258HF

| Part number | Description | Wattage | Qty |
|-------------|---------------------|---------|-----|
| LP136HF | 1225mm (4ft) single | 36W | 8 |
| LP236HF | 1225mm (4ft) twin | 36W | 8 |
| LP158HF | 1525mm (5ft) single | 58W | 8 |
| LP258HF | 1525mm (5ft) twin | 58W | 8 |
| LP170HF | 1790mm (6ft) single | 70W | 8 |
| LP270HF | 1790mm (6ft) twin | 70W | 8 |

Bare batten - emergency - high frequency (complete with lamp)



- 3 hour self contained/maintained
- LED charge indicator



LP158HFE

| Part number | Description | Wattage | Qty |
|-------------|---------------------|---------|-----|
| LP136HFE | 1225mm (4ft) single | 36W | 8 |
| LP236HFE | 1225mm (4ft) twin | 36W | 8 |
| LP158HFE | 1525mm (5ft) single | 58W | 8 |
| LP258HFE | 1525mm (5ft) twin | 58W | 8 |
| LP170HFE | 1790mm (6ft) single | 70W | 8 |
| LP270HFE | 1790mm (6ft) twin | 70W | 8 |



LPSK136



LPSK258

Square diffusers

- Prismatic acrylic diffuser for low glare soft light
- No special tooling required for installation and maintenance
- For use with GET battens
- Includes lipped cover tray for snug fit which minimises insect ingress and reduces routine cleaning
- UV stabilised high impact end caps which do not allow light to penetrate

| Part number | Description | Qty |
|-------------|---------------------|-----|
| LPSK118 | 650mm (2ft) single | 4 |
| LPSK218 | 650mm (2ft) twin | 4 |
| LPSK136 | 1225mm (4ft) single | 4 |
| LPSK236 | 1225mm (4ft) twin | 4 |
| LPSK158 | 1525mm (5ft) single | 4 |
| LPSK258 | 1525mm (5ft) twin | 4 |
| LPSK170 | 1790mm (6ft) single | 4 |
| LPSK270 | 1790mm (6ft) twin | 4 |

Round diffusers

- Prismatic acrylic diffuser for low glare soft light
- No special tooling required for installation and maintenance
- For use with GET battens
- Provides lower light loss than conventional square diffusers
- UV stabilised high impact end caps which do not allow light to penetrate

| Part number | Description | Qty |
|-------------|---------------------|-----|
| LPDK118 | 650mm (2ft) single | 4 |
| LPDK218 | 650mm (2ft) twin | 4 |
| LPDK136 | 1225mm (4ft) single | 4 |
| LPDK236 | 1225mm (4ft) twin | 4 |
| LPDK158 | 1525mm (5ft) single | 4 |
| LPDK258 | 1525mm (5ft) twin | 4 |



LPDK118



LPDK258



LPRK70W

Metal reflectors

- Suitable for single and double tube battens
- Powder coated steel for a smooth durable finish
- Broad lighting distribution
- For use with GET battens

| Part number | Description | Qty |
|-------------|---------------------|-----|
| LPRK36W | 1225mm (4ft) single | 4 |
| LPRK58W | 1525mm (5ft) single | 4 |
| LPRK70W | 1790mm (6ft) single | 4 |



Outdoor & amenity lighting

Our outstanding range of amenity drum lights have been designed to encompass durability with excellent lighting performance. A unique feature of the drum range is a surface wiring facility as well as a hinged demountable gear tray.

The low voltage LED decklights range is ideal for decking, drives, walls and floors. These are available in 5 different colours.



Features & benefits:

Drums

- > Range of compact fluorescent & LED fittings complete with lamps
- > High IP65 rating for indoor and outdoor use
- > Low level 20mm conduit entries for easy installation
- > Unique surface wiring facility & hinged, demountable gear tray for easy wiring
- > Compact fluorescent lamp included with fitting for low installation and running costs
- > Suitable for pedestrian corridors, stairwells, subways and general amenity / security areas
- > Emergency drums have an integral 3 hour battery back up

Bulkheads

- > Provide light for safety and security.
- > Choice of GLS and energy saving lamp options
- > Includes photocell that illuminates at a preset light level

Photocell kit

- > Designed for control of outdoor lighting, suitable for wall mounting
- > IP65 rated
- > Photo-diode sensor
- > Electromagnetic relay

LED Decklights

- > Suitable for decking, drives, pathways, walls and floors.
- > Up to 20 LED's can be run on the transformer supplied.
- > Energy saving and safe to touch as operate cool

LED drums



- Dimensions: Ø 283x85mm
- Lamp information: 16W cool white
- Beam angle: 120°
- 62lm/W
- IP65
- Operating temperature: -20°C - 40°C
- Offers 15,000 hours service life with built-in driver
- EN60598-1



GDFLED16WWO



GDFLED16WBO



GDFLLED16WCO

| Part number | Description | Qty |
|-------------------|--|-----|
| White base | | |
| GDFLED16WWO | 16W large round drum, opal diffuser | 1 |
| GDFLED16WWP | 16W large round drum, prismatic diffuser | 1 |
| Black base | | |
| GDFLED16WBO | 16W large round drum, opal diffuser | 1 |
| GDFLED16WBP | 16W large round drum, prismatic diffuser | 1 |

Lunar decorative range

- Dimensions: Ø 326x108mm
- IP54

| Part number | Description | Qty |
|--------------|--|-----|
| GDFLLED16WCO | 16W large round drum, opal diffuser, chrome surround | 1 |
| GDFLLED16WWO | 16W large round drum, opal diffuser, white surround | 1 |
| GDFLLED16WSO | 16W large round drum, opal diffuser, silver surround | 1 |

Emergency LED drums



- Dimensions: Ø 283x85mm
- Lamp information: 16W cool white
- Beam angle: 120°
- 62lm/W
- IP65
- Operating temperature: -20°C - 40°C
- Offers 15,000 hours service life with built-in driver
- EN60598-1
- Battery: 1.2Vx15pcsx900MAH rechargeable Ni-H battery endurance time: >3 hrs



GDFLED16WWOE



GDFLED16WBOE



GDFLLED16WWOE

| Part number | Description | Qty |
|-------------------|--|-----|
| White base | | |
| GDFLED16WWOE | 16W large round drum, opal diffuser | 1 |
| GDFLED16WWPE | 16W large round drum, prismatic diffuser | 1 |
| Black base | | |
| GDFLED16WBOE | 16W large round drum, opal diffuser | 1 |
| GDFLED16WBPE | 16W large round drum, prismatic diffuser | 1 |

Lunar decorative range

- Dimensions: Ø 326x108mm
- IP54

| Part number | Description | Qty |
|---------------|--|-----|
| GDFLLED16WCOE | 16W large round drum, opal diffuser, chrome surround | 1 |
| GDFLLED16WWOE | 16W large round drum, opal diffuser, white surround | 1 |
| GDFLLED16WSOE | 16W large round drum, opal diffuser, silver surround | 1 |

Compact fluorescent drums – switch start (2 pin lamp included)



■ Lamp: 2 pin compact double D

| Part number | Description | Qty |
|-------------------|--|-----|
| White base | | |
| GDFRS16WWO | 16W round drum, opal diffuser, 255mm diameter | 1 |
| GDFRS16WWP | 16W round drum, prismatic diffuser, 255mm diameter | 1 |
| GDFR16WWO | 16W large round drum, opal diffuser, 285mm diameter | 1 |
| GDFR16WWP | 16W large round drum, prismatic diffuser, 285mm diameter | 1 |
| GDFR28WWO | 28W large round drum, opal diffuser, 285mm diameter | 1 |
| GDFR28WWP | 28W large round drum, prismatic diffuser, 285mm diameter | 1 |
| GDFS16WWO | 16W large square drum, opal diffuser, 255 x 255mm | 1 |
| GDFS16WWP | 16W large square drum, prismatic diffuser, 255 x 255mm | 1 |
| GDFS28WWO | 28W large square drum, opal diffuser, 255 x 255mm | 1 |
| GDFS28WWP | 28W large square drum, prismatic diffuser, 255 x 255mm | 1 |

Black base

| | | |
|------------|--|---|
| GDFRS16WBO | 16W round drum, opal diffuser, 255mm diameter | 1 |
| GDFRS16WBP | 16W round drum, prismatic diffuser, 255mm diameter | 1 |
| GDFR16WBO | 16W large round drum, opal diffuser, 285mm diameter | 1 |
| GDFR16WBP | 16W large round drum, prismatic diffuser, 285mm diameter | 1 |
| GDFR28WBO | 28W large round drum, opal diffuser, 285mm diameter | 1 |
| GDFR28WBP | 28W large round drum, prismatic diffuser, 285mm diameter | 1 |
| GDFS16WBO | 16W large square drum, opal diffuser, 255 x 255mm | 1 |
| GDFS16WBP | 16W large square drum, prismatic diffuser, 255 x 255mm | 1 |
| GDFS28WBO | 28W large square drum, opal diffuser, 255 x 255mm | 1 |
| GDFS28WBP | 28W large square drum, prismatic diffuser, 255 x 255mm | 1 |



GDFR28WWO



GDFS28WWP



GDFRS16WBO

Emergency compact fluorescent drums with integral battery back-up – high frequency (4 pin lamp included)



- Vandal resistant all-polycarbonate construction
- Hinged gear-tray for quick easy installation
- Unique easy-seal surface wiring facility
- Low-level positioned 20mm conduit entries – no conduit bending needed
- IP65 for outdoor and indoor use (including bathroom Zone 1)
- Four screw positive cover fixing to maintain IP65 integrity
- Supplied complete with 16 and 28W lamps (colour 3500K)
- BESA box fitting facility
- Replacement lamps available
- Emergency Luminaires:
 - 3 hour self contained maintained
 - 4 pin 16 and 28W 3500K lamp included
- Lamp: 4 pin compact double D

| Part number | Description | Qty |
|-------------------|--|-----|
| White base | | |
| GDFR28WWOE | 28W large round drum, opal diffuser, 285mm diameter | 1 |
| GDFR28WWPE | 28W large round drum, prismatic diffuser, 285mm diameter | 1 |
| GDFS28WWOE | 28W large square drum, opal diffuser, 255 x 255mm | 1 |
| GDFS28WWPE | 28W large square drum, prismatic diffuser, 255 x 255mm | 1 |

Black base

| | | |
|------------|--|---|
| GDFR16WBOE | 16W large round drum, opal diffuser, 285mm diameter | 1 |
| GDFR28WBOE | 28W large round drum, opal diffuser, 285mm diameter | 1 |
| GDFR28WBPE | 28W large round drum, prismatic diffuser, 285mm diameter | 1 |
| GDFS28WBOE | 28W large square drum, opal diffuser, 255 x 255mm | 1 |
| GDFS28WBPE | 28W large square drum, prismatic diffuser, 255 x 255mm | 1 |



GDFR28WWOE



GDFS28WWOE



GDFR16WBOE



GX53FL7W

Energy saving GX53



■ Cap: GX53

| Part number | Watts | GLS | Volts | Qty |
|-------------|-------|-----|-------|-----|
| GX53FL7W | 7W | 35W | 240V | 10 |



CFLDD28W8352P

Tubular compact double D 2 pin



- Colour temperature:
 - Cap: GR8 835 White 3500K
- Average rated life 8000 hours
- Not suitable for dimming

| Part number | Watts | Volts | Qty |
|---------------|-------|-------|-----|
| CFLDD16W8352P | 16W | 240V | 10 |
| CFLDD28W8352P | 28W | 240V | 10 |



CFLDD28W8274P

Tubular compact double D 4 pin



- Colour temperature:
 - Cap: GR10 835 White 3500K
- Can be dimmed with suitable control gear

| Part number | Watts | Volts | Qty |
|---------------|-------|-------|-----|
| CFLDD16W8354P | 16W | 240V | 10 |
| CFLDD28W8354P | 28W | 240V | 10 |
| CFLDD38W8354P | 38W | 240V | 10 |



GBH100BR

Bulkheads (lamp required)

- Bulkheads are a tough reliable solution to provide light for safety and security
- They come with a choice of GLS and Energy Saving lamp options
- Lamps: BC GLS or 9W CFL energy saving
- Choice of GLS or energy saving options
- IP65
- Manufactured from die-cast aluminium
- Powder coated paint finish for extra durability
- Corrosion resistant
- Tough UV stabilised polycarbonate cover
- Choice of 20mm knockouts for cable and/or conduit entry
- Suitable for use in exterior application such as walkways and paths

| Part number | Description | Qty |
|-------------|--------------------------|-----|
| GBH100BC | 100W with clear diffuser | 10 |
| GBH100BR | 100W with red diffuser | 10 |



GPC500CK

Photocell kit

- Photocell kit comprises photocell head, mounting bracket and fixings
- Electromagnetic relay
- Load: 2 x 250W HPS typical
- Max capacity: 5A/60µf
- On/off levels: 70/105 Lux (1:1.5 + VE)
- IP rating: IP65
- BS 5972

| Part number | Description | Qty |
|-------------|--------------------------------|-----|
| GPC500CK | Clear electronic photocell kit | 1 |



LED decklight kit – 4 twin LED light unit & accessories

- Lamp Colour: White
- LED Life of up to 100,000 hours (non replaceable)
- Operate cool - safe to touch when operating (safe for children/pets)
- Kit includes 12V 10VA transformer
- Up to 20 LEDs can be run on the transformer supplied
- Illuminate step edges for added safety
- Decorate your decking/flooring
- LED's are less damaging to the environment than incandescent lamps as they use up to 90% less energy

| Part number | Description | Qty |
|-------------|---|-----|
| GGLLEDK4W | LED decklight kit with stainless steel finish and 4 twin LED light units, 10m cable, low voltage transformer, connectors and a 25mm drill bit | 1 |

| Part number | Description | Lamp colour | Qty |
|-------------|----------------------|-------------|-----|
| GGLLED1W | LED decklight add-on | White | 1 |
| GGLLED1G | LED decklight add-on | Green | 1 |
| GGLLED1A | LED decklight add-on | Amber | 1 |
| GGLLED1B | LED decklight add-on | Blue | 1 |
| GGLLED1R | LED decklight add-on | Red | 1 |



GGLLED1W



GLLTR60

| Transformers | Dimensions (L, W, D) | Qty | |
|--------------|--|-----------------|---|
| GLLTR60 | 60VA transformer with screw connector | 102 x 63 x 75mm | 1 |
| GLLTR105 | 105VA transformer with screw connector | 120 x 80 x 75mm | 1 |

Increased comfort & hygiene





Ventilation & heating

Air movement and oscillation are important to any building and Schneider Electric has the expertise to meet a variety of heating and ventilation needs. Our air movement products promise increased comfort and hygiene in the office or at home.

End users can expect quick and easy installation and neat designs that slot into the smallest spaces. There are also portable solutions that offer convenience and flexibility.

Finishes range from classic white to decorative chrome to match other fixtures and fittings.

Cyclone – Extractor fans

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Warm air

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Optimum air
extraction

Ventilation

Cyclone extractor fans

Effective ventilation and air movement is vital in order to maintain high levels of comfort and hygiene in the office or at home.

Our Cyclone range has been designed to provide an innovative approach that complements modern interior styling and fittings.

The ventilation offer is sectioned into three levels: Standard, Premium and Designer.

Features & benefits:





GFANC4SL



GFANC4SLC



GSSTFAN4T



GSPTFAN4T



GPGPTFAN4TW



GFAN4P



GFAN412

100mm (4") slimline fans

- 12mm Ultra Slim wall projection
- Extraction capacity – 93m³/hr
- Suitable for wall or ceiling mounting
- White or chrome finishes

| Part number | Description | Qty |
|-------------|--------------------------|-----|
| GFANC4SL | Standard | 1 |
| GFANC4SLT | With timer | 1 |
| GFANC4SLC | Chrome effect | 1 |
| GFANC4SLTC | Chrome effect with timer | 1 |

100mm (4") turbo slimline fans

- Extraction capacity 129m³/hr
- Suitable for wall or ceiling mount
- 12mm ultra slim wall projection

| Part number | Description | Qty |
|-------------|---|-----|
| GSSTFAN4T | With timer - white | 1 |
| GSSTFAN4TH | With timer and humidistat control - white | 1 |

100mm (4") turbo panel fans

- Extraction capacity 115m³/hr
- Suitable for wall or ceiling mount

| Part number | Description | Qty |
|-------------|------------------------|-----|
| GSPTFAN4T | With timer - white | 1 |
| GSPTFAN4TA | With timer - aluminium | 1 |

100mm (4") turbo glass panel fans

- Extraction capacity 115m³/hr
- Suitable for wall or ceiling mount

| Part number | Description | Qty |
|-------------|------------------------------------|-----|
| GPGPTFAN4TB | Panel fan with timer - black glass | 1 |
| GPGPTFAN4TW | Panel fan with timer - white glass | 1 |

Standard (4") extractor fans

- Extraction capacity 93m³/hr
- Suitable for wall or ceiling mounting

| Part number | Description | Qty |
|-------------|--------------------|-----|
| GFAN4 | Standard | 1 |
| GFAN4P | Pull cord | 1 |
| GFAN4T | Timer | 1 |
| GFAN4H | Humidistat control | 1 |

12V SELV (safe extra low voltage)

- Suitable for wall or ceiling mounting
- Extraction capacity – 93m³/hr

| Part number | Description | Qty |
|-------------|----------------------------|-----|
| GFAN412 | Standard incl. transformer | 1 |
| GFAN412T | Timer incl. transformer | 1 |



GFANIL

Inline shower fan kit

- Suitable for loft installation
- Extraction capacity – 93m³/hr

| Part number | Description | Qty |
|-------------|---|-----|
| GFANIL | 100mm (4") Inline shower fan kit | 1 |
| GFANILT | 100mm (4") Inline shower fan kit with timer | 1 |



GFAN4SWRT

Inline 12V SELV shower fan kit & light (safe extra low voltage)

- Kit contains fan, flexible PVC hose, grilles and fixings
- Suitable for ceiling mounting only
- Extraction capacity – 93m³/hr
- Lamp: MR16 20W

| Part number | Description | Qty |
|-------------|-------------------------------------|-----|
| GFAN4SWRT | Shower fan with 20W light and timer | 1 |



GFAN6

150mm (6") extractor fan

- Extraction capacity 250m³/hr
- Suitable for wall or ceiling mounting

| Part number | Description | Qty |
|-------------|------------------------------|-----|
| GFAN6 | Standard | 1 |
| GFAN6P | Pull cord override | 1 |
| GFAN6T | Timer | 1 |
| GSFANTH | Timer and humidistat control | 1 |



100mm (4") ducting & accessories

| Part number | Description | Qty |
|-------------|--|-----|
| GDUCT4/3M | 3m flexible PVC hose | 1 |
| GDUCT4/6M | 6m flexible PVC hose | 1 |
| GDUCT4/10M | 10m flexible PVC hose | 1 |
| GDUCT4/15M | 15m flexible PVC hose | 1 |
| GGRIL4W/B | gravity wall grille (white or brown) | 1 |
| GFRIL4W/B | fixed grille (white or brown) | 1 |
| GFFGRIL4W/B | fixed wall grille with fly screen (white or brown) | 1 |
| GGRIL4CH | 100mm (4") chrome effect fixed grille | 1 |



150mm (6") ducting accessories

| Part number | Description | Qty |
|-------------|--|-----|
| GDUCT6/3M | 3m flexible PVC hose | 1 |
| GGRIL6W/B | gravity wall grille (white or brown) | 1 |
| GFRIL6W/B | 150mm (6") fixed grille (white or brown) | 1 |



Efficient
performance
with style



Heating

Warm air

Schneider Electric's range of fixed and portable heaters offer amazing choice and unbeatable value for money. Innovative technical features are included within the specification to promote efficient product performance and style.

Our range extends across hand dryers, bathroom heaters, oil filled radiators, fan heaters and convector heaters.



Features & benefits:

- > Panel heaters offer 3 energy saving modes to suit a range of applications
- > Bathroom downflow heater provides 2 heat setting adjustments for greater comfort
- > Oil filled radiators provide flexible portable heating with a choice of ratings from 700W to 2.5kW
- > Convector heaters provide a secure easy to fit wall mounting option
- > Fan heaters provide an additional solution to space heating
- > Halogen heaters provide radiant electric heat with high efficiency
- > Slimline glass heaters offer stylish design with touch control heating



GSPH1000WS

Panel heaters

- Clear illuminated digital display
- Compact slim line design
- Simple push button temperature control
- Supplied with approximately 1m flex

Standard profile

| Part number | Description | Height (mm) | Length (mm) | Qty |
|-------------------|----------------|-------------|-------------|-----|
| GSPH600WW | 600W - White | 370 | 589 | 1 |
| GSPH600WB | 600W - Black | 370 | 589 | 1 |
| GSPH600WS | 600W - Silver | 370 | 589 | 1 |
| GSPH1000WW | 1000W - White | 370 | 762 | 1 |
| GSPH1000WB | 1000W - Black | 370 | 762 | 1 |
| GSPH1000WS | 1000W - Silver | 370 | 762 | 1 |
| GSPH1400WW | 1400W - White | 370 | 1049 | 1 |
| GSPH1400WB | 1400W - Black | 370 | 1049 | 1 |
| GSPH1400WS | 1400W - Silver | 370 | 1049 | 1 |



GSLPH600WW

Low profile

| Part number | Description | Height (mm) | Length (mm) | Qty |
|--------------------|----------------|-------------|-------------|-----|
| GSLPH600WW | 600W - White | 200 | 870 | 1 |
| GSLPH600WB | 600W - Black | 200 | 870 | 1 |
| GSLPH600WS | 600W - Silver | 200 | 870 | 1 |
| GSLPH1000WW | 1000W - White | 200 | 1280 | 1 |
| GSLPH1000WB | 1000W - Black | 200 | 1280 | 1 |
| GSLPH1000WS | 1000W - Silver | 200 | 1280 | 1 |



HDAC



HDM

Heavy duty hand dryers

- Dimensions: 300mm (L) x 200mm (W) x 165mm (H)
- Adjustable running time 30 or 60 second
- 20.5m/sec air velocity
- 2.17kW loading
- 3 year guarantee
- Thermal safety cut-out
- Drip proof
- Weight - 6kg
- Strong die cast aluminium housing
- Complies with all relevant EMC and low voltage directive
- Approved & certified to safety standard EN 60335-2-23

| Part number | Description | Qty |
|-------------|--|-----|
| HDM | Heavy duty hand dryer with manual operation | 1 |
| HDA | Heavy duty hand dryer with automatic operation | 1 |
| HDAC | Heavy duty hand dryer with automatic operation - chrome finish | 1 |



G2BFHP

Downflow bathroom heater

- Dimensions: 230mm (L) x 230mm (W) x 135mm (D)
- Pullcord adjusts heat settings - 1200W & 2kW
- Weight - 1.2kg

| Part number | Description | Qty |
|---------------|-------------|-----|
| G2BFHP | 2kW heater | 1 |



G20FH5

Oil-filled radiators

- Illuminated control switches
- Fully adjustable thermostat for effective heat control
- Frost guard protection ❄️
- Omni-directional castors for ease of use (except on 700W models)
- Integral cable and plug storage facility
- Fitted with approved flex

| Part number | Description | Qty |
|-------------|--|-----|
| G20FH5 | 700W mini - silver | 1 |
| G20FH5W | 700W mini - white | 1 |
| G20FH7 | 1.5kW 7 fin - 3 heat settings (600W, 900W and 1.5kW) | 1 |
| G20FH9 | 2kW 9 fin - 3 heat settings (800W, 1.2kW and 2kW) | 1 |
| G20FH9T | 2kW 9 fin with timer - 3 heat settings (800W, 1.2kW and 2kW) | 1 |
| G20FH11 | 2.5kW 11 fin - 3 heat settings (1.0kW, 1.5kW and 2.5kW) | 1 |



G2CH

Convective heaters

- All convectors have 3 heat settings – 750W, 1.2kW and 2kW
- Illuminated control switches (optional boost switch on turbo model)
- Fully adjustable thermostat for effective heat control
- Frost guard protection ❄️
- Secure wall mounted option (included brackets and fixings)
- Fitted with approved flex
- Dimensions:
 - Free standing 425(H) x 585(W) x 200mm(D)
 - Wall mount 425(H) x 585(W) x 140mm(D)

| Part number | Description | Qty |
|-------------|---|-----|
| G2CH | 2kW with wall mounting options | 1 |
| G2CHT | 2kW with timer and wall mounting options | 1 |
| G2TCH | 2kW with turbo and wall mounting options | 1 |
| G2TCHT | 2kW with turbo, timer and wall mounting options | 1 |



GFHU2

Portable fan heaters

- Resettable thermal cut-out
- Fitted with approved flex
- Frost guard protection ❄️

| Part number | Description | Qty |
|-------------|---|-----|
| GFHU2 | 2kW upright fan with thermostat - 2 heat settings (1kW and 2kW) | 1 |
| G2FHT2 | 2kW fan with thermostat - 2 heat settings (1kW and 2kW) | 1 |
| GFHUF2 | 2kW upright/flat fan - 2 heat settings (1kW and 2kW) | 1 |



GFHUF2

Halogen heaters

- Radiant electric heat, high efficiency
- Safety tip-over switch, over current protection and safety thermal fuse
- Recessed handle, portable and easy to carry
- Conforms to all relevant safety standards
- For domestic use only

| Part number | Description | Qty |
|-------------|--|-----|
| G2HAL | 1.2kW - 3 heat settings (400W, 800W and 1.2kW oscillating) | 1 |
| G3HAL2 | 800W - 2 heat settings | 1 |



G3HAL2

Technical information



General information

| | |
|------------------------------|-----------------|
| Voltage | 220 – 240V 50Hz |
| Operating frequency | 433MHz |
| Number of channels | 5 or 8 |
| Number of unique house codes | 256 |
| Operating distance | 30 meters |
| Operating temperature | 0°C to + 40°C |
| Operating humidity | 0% to 95% |

Receiver termination

| Product | Part number | Termination |
|-------------------------------|------------------|-------------|
| Ceiling dimmable receiver | GSWCDR35 | L & N* |
| Ceiling relay receiver | GSWCRR5A | L & N* |
| Floor dimmable receiver | GSWFDR35 | L, N, & E |
| Fluorescent dimmable receiver | GSW10VLDR | L, N, & E |

Technical information

| Lamp / Load type | | Sphere component | | | |
|--|--|---|--|--|------------------------------------|
| | | Dimming | | | Switching |
| | | Ceiling/Floor dimmable receiver GSWCDR35 GSWFDR35 | Wall dimmable receiver GSWWDR30 | Fluorescent dimmable receiver GSW10VLDR | Ceiling relay receiver GSWCRR5A |
| Min/Max loads | | Min 20W/VA Max 350W/VA | Min 50VA/60W Max 300W/VA | Max 800W / 4 ballasts | Max 5A (2A motor load) (1) |
| Low Voltage (12V) halogen lamps | Dimming electronic or magnetic transformer (4) | Y | Y – (trailing edge electronic transformers only) | N | Y – on/off only |
| Mains GLS / reflector etc, mains (230/240V) halogen lamps (3) | | Y | Y | N | Y – on/off only |
| Linear fluorescent lamps | T8 and high output T5 lamps | N | N | Y (only with 1-10V control electronic ballast) | Y – on/off only |
| Linear fluorescent lamps | T4 lamps and T5 4-13W lamps | N | N | N | Y – on/off only |
| Compact fluorescent lamps with separate ballast | 4 pin lamps | N | N | Y (only with 1-10V control electronic ballast) | Y – on/off only |
| CFLi lamps (including those marked 'dimmable') | 'Plug-in' Compact fluorescent lamps | N | N | N | Y – on/off only |
| Light-emitting diode (LED) (Solid state lighting) | Mains voltage lamps | N (2) | N (2) | N | Y – on/off only |
| Light-emitting diode (LED) (Solid state lighting) | When used with separate driver | N | N | Y (with 1-10V control driver) | Y – on/off only |
| High intensity discharge lamps | | N | N | N | Y – on/off only Max 400W (1) |
| Other loads: relay, contactor, ceiling fan, wall fan, extractor fan etc. | Motor load | N | N | N | Y – on/off only |
| Luminaires that already incorporate a dimmer | Father / child up lighter etc | N | N | N | Y – on/off only |

Frequently asked questions

| | |
|--|--|
| Can I have more than one Controller in a room? | Multiple Controllers can be used to control the same lights in a room (e.g. 1 Wall Controller and 1 Handheld Controller). Controllers are added by simply duplicating the Haze, Room and Mode switch settings on each of the additional Controllers. Note if a Controller sends the same command as the previous command sent from another Controller, there will be no response. A second button push will be required. (This is a result of the last Controller command information being held only in the Receivers). One Controller can dim the channels and an alternate Controller can operate scenes. To do this set the dimming/scene switch to 'D' or 'SC' as required. |
| How do I replace a lost or damaged Controller? | If a Controller is damaged or lost, obtain a replacement and find the record made of the switch settings on the old Controller then duplicate these exactly on the new Controller. Since all the channel and scene settings are stored in the Receivers, no reprogramming is necessary. |
| Where should I install the Controllers? | Once programming the Receivers has finished, position the Controller(s). As the system is wireless these can be positioned anywhere in the home, taking into account range limitations. A fixed Controller by the door of every room equipped with Sphere will be easy to find when entering or exiting. |
| What is happening if the lighting seems to change by itself? | Sphere control commands are heavily encrypted. As such unexpected changes to the lighting in one or more rooms can only be caused by Sphere Controllers that have the same switch settings being operated nearby, for instance in adjacent rooms or neighbouring apartments that have the Sphere system. The best way to avoid conflicting operation is to plan the switch settings in advance for all adjacent and nearby systems. However it is still possible that interference could occur if a new Sphere system is installed locally. In this case, the House switch settings on the Controller of the affected room(s) will need altering as follows. (Note that access to the Receivers will be required to press the Receiver buttons during this process). |

1. Change the coding of the House switches on the Controller of an affected room by moving one (or more) switch to its alternate position. The associated Receivers will no longer respond. Note that at least one switch needs to be in the up position.
2. Check that the new switch setting does not interfere with other rooms or neighbouring systems.
3. Once a House switch setting has been found that does not interfere with other Sphere systems the channels of the associated Receivers will need to be reassigned as described in the 'System set up' section, page 20, in effect starting a new installation. As long as the Receivers are assigned to the same channels as before, stored scenes will be not be affected.
4. If there are more Controllers for the same room, their switch settings should also be updated. Ensure a note is made of the new switch settings.

Following a period of successful installation and use:

1. If there is no response to Controller commands.
 - a) Check that the mains supply to the installation is still in place, i.e. no MCB's have tripped.
 - b) Check that the controller LED's light when a button is pushed and that the batteries are OK as described on page 36.
 - c) Ensure no room or house switch has been changed inadvertently.
 - d) Ensure there are working lamps running from affected Receivers / in affected channel(s).
 - e) Check the points above, and then gain access to and observe at least one of the Receivers (if installed a Floor Receiver is most convenient) to see if the Receiver LED flashes when the centre button of a Controller is pushed.
 - f) If all checks are OK and the fault still occurs, contact the Helpline, page 43.
2. If any of the lighting loads develop unusual behaviour e.g. flicker or cannot be turned off.
 - a) Check that the relevant connected load is the correct type (pages 34–35).
 - b) Disconnect the supply to the system by tripping the appropriate circuit breaker / removing the circuit fuse, then reconnect the supply by resetting the circuit breaker / replacing the fuse (if in doubt contact a qualified electrician) then operate the system.
 - c) If after carrying out the above the behaviour continues to occur, contact the Helpline, page 41.

If there are any more questions about the Sphere system or how to use it and to find out about updates and more FAQ's, please visit the website www.schneider-electric.co.uk/sphere

| Specification | | | | |
|-------------------------------|--------------------------------|--------|---|---|
| Description | Switches | | Dimmer | |
| | 1-Gang | 2-Gang | 1-Gang | 2-Gang |
| Safety Compliance | IEC60669-2-1 | | | |
| Operation | Toggle on/off | | Toggle On/ Off/ Adjust lighting intensity | |
| Memory | Up to 8 Remote Control Units | | 8 Remote Control Units | |
| LED Backlight | Changeable Amber / Blue colour | | Changeable Amber / Blue colour | |
| Load Type | Please Refer to Load Table | | 1. Incandescent 2. Low Volt. Halogen with magnetic transformer Electronic Dimmable 3. Low Volt. Halogen with Ballast dimmable electronic transformer | |
| Minimum Load | 25W | | 40W per channel | |
| Maximum Load | Please Refer to Load Table | | 600W | 400w per gang, total 600W for both gangs combined |
| Operating Temperature | 0°C to + 40°C | | | |
| Operating Humidity | 0% to 95% | | | |
| Operating Voltage & Frequency | 220-240V AC, 50/60Hz | | | |
| Radio Frequency | 434MHz | | | |
| Mounting Centres 60.3mm | 60.3mm | | | |
| Dimensions | 87mm x 87mm x 39mm | | | |

Load type table

The table below shows the maximum rating for 1-gang and 2-gang switch operating at 220-240V AC

| Switch | | | |
|---|--------------------------|--------------------------------------|-------|
| Lamp type | 1-gang total switch load | 2-gang total switch load | |
| Incandescent lamp | 2000W | Max power for one gang | 2000W |
| | | Max total power for both gangs added | 2000W |
| Low voltage halogen (12V) with magnetic transformer | 1900W | Max power for one gang | 1900W |
| | | Max total power for both gangs added | 1900W |
| Low voltage halogen (12V) with electronic transformer | 1900W | Max power for one gang | 1900W |
| | | Max total power for both gangs added | 1900W |
| Fluorescent lamp with electronic ballast* | 1800W | Max power for one gang | 1800W |
| | | Max total power for both gangs added | 1800W |
| Fluorescent lamp with magnetic ballast power factor correction capacitor* | 1800W | Max power for one gang | 1800W |
| | | Max total power for both gangs added | 1800W |
| Fluorescent lamp with magnetic ballast but without power factor correction capacitor* | 1000W | Max power for one gang | 1000W |
| | | Max total power for both gangs added | 1000W |
| Energy saving lamp* | 1400W | Max power for one gang | 1400W |
| | | Max total power for both gangs added | 1400W |
| Dimmer | | | |
| Lamp type | 1-gang total switch load | 2-gang total switch load | |
| Incandescent lamp | 600W | Max power for one gang | 400W |
| | | Max total power for both gangs added | 600W |
| Low voltage halogen (12V) with magnetic transformer | 600VA | Max power for one gang | 400VA |
| | | Max total power for both gangs added | 600VA |
| Low voltage halogen (12V) with electronic transformer | 600VA | Max power for one gang | 400VA |
| | | Max total power for both gangs added | 600VA |

* Each 0.47uF/275VAC, "X2" bypass capacitor is required to connect parallel to the load in the gang(s) with energy saving lamp or compact fluorescent lamp.

Freelocate

| Product | FreeLocate 2-Setting Switch | FreeLocate 6-Setting Switch |
|----------------------------|------------------------------------|--|
| Memory | 2 scenes/ 2 devices settings | 5 scenes/ 5 devices settings, All Off. |
| Battery Type | CR2032 button cell battery | |
| Operating Temperature | 0 °C to 40 °C | |
| Operating Humidity | 0% to 95% | |
| Radio Frequency | 434MHz | |
| Operating Range | 100m (Open environment)* | |
| Dimensions (H) x (W) x (D) | 85mm x 85mm x 13mm | |

* The performance of the operating range is subject to the actual conditions of the environment, such as weather and installation conditions. Under normal circumstances a longer range can be achieved outdoors, since indoors obstacles like concrete walls and metal shelves may shorten the operating range.

Hand held remote

| Spec/product | Remote controller |
|----------------------------|--|
| Memory | 5 scenes/5 devices settings, Master Dim Up/Down and All-Off |
| Battery Type | 2 x AAA batteries |
| Operating Temperature | 0 °C to + 40 °C |
| Operating Humidity | 0% to 95% |
| Radio Frequency | 434MHz |
| Operating Range | 100m (Open environment)* |
| Dimensions (H) x (W) x (D) | 125mm x 51mm x 25mm |

* The performance of the operating range is subject to the actual conditions of the environment, such as weather and installation conditions. Under normal circumstances a longer range can be achieved outdoors, since indoors obstacles like concrete walls and metal shelves may shorten the operating range.

Function comparison table

| | FreeLocate 2- | FreeLocate 6- | Remote control |
|--|---------------|---------------|----------------|
| Scene Programming | • | • | • |
| Device Programming | • | • | • |
| Disabling Programmed Scene Setting* | • | • | - |
| Enabling Programmed Scene/Device* | • | • | - |
| Disabling All-Off Command | - | • | • |
| Enabling All-Off Command* | • | • | • |
| Scene/Device Mode Selection (Single Function) | • | • | • |
| Scene/Device Mode Selection (Multiple Function)* | • | • | • |
| Changing All-Off Function to Scene Function* | - | • | - |
| Resume All-Off Function* | - | • | - |
| Switch/Dimmer Partial Memory Clear | • | • | • |

* Only applicable to the Switches and Dimmers of Product No. Starting with U20.

Environment and installation considerations

As the system uses radio frequencies, performance is dependant on the installation. Reliable operation in the following environments can be achieved although the effective range will be reduced by:

- Installation in metal frame buildings or extensions
- Operation through solid or cavity stone, brick or block walls
- Operation through more than one floor, ceiling or partition wall
- Locations near radio or television transmitters
- Damp atmospheres e.g. swimming pools or saunas

If erratic operation is experienced moving closer to the receivers can usually be expected to restore correct operation.

Trouble shooting guide

| Symptom | Possible cause | Solution |
|---|--|---|
| Switch / Dimmer is not responding to the Remote Control Unit | 1. Not previously programmed or improper | Repeat the Programming Procedures explained programming. in the Manual. |
| | 2. Switch/Dimmer is set to Programme mode. | The LED indicator is turned on red now, indicating the unit is in Programming mode. Programme button to exit Programming mode. |
| | 3. Voltage is too low. | Make sure the operating voltage range is within the requirement. |
| | 4. Power rating is too low | Replace a load that meets the minimum loading requirement. |
| | 5. RF wireless control is disabled. (Programme flashes continuously in the pattern of 2) | Press the Programme Button of the LED Switch/ Dimmer 6 times within 1 minute. Programme LED should stop flashing. |
| Unable to programme. | 1. Red Programme LED flashes after the | This indicates the memory is full. Perform Programme Button is pressed. Memory Clearing Procedures to release space. |
| | 2. The Switch does not receive programming | Check the position of the function selector at the commands. back of the FreeLocate Switch. Make sure it is in the Programme position. |
| | 3. RF wireless control is disabled. (Programme flashes continuously in the pattern of 2) | Press the Programme Button of Switch 6 times within 1 minute. Programme LED should stop flashing. |
| Main light or LED backlight does not turn on. | 1. Wires are not properly secured or connected | Make sure the wires are secured, screws are in the terminals. fastened and the Live or Load wires have been connected to the correct terminals. |
| | 2. MCB is OFF or has been tripped. | Switch on the MCB. If a breaker continually trips, contact a registered electrician to find out the cause of the problem |
| | 3. Temporary disorder. | Switch off the MCB and then on again to reset the switch. |
| Main load is turned off automatically. | 1. Power rating is too low. | Replace the load that meets the minimum loading requirement. |
| | 2. Wires are not properly secured in the | Make sure the wires are secured and screws are terminals. Fastened properly. |
| | 3. Controlled by other remote control unit within | Determine which remote control unit(s) is (are) the area. controlling the particular main light. (Refer to Memory Clearing Procedures). |
| Programme LED flashes continuously in a pattern of 2 for 1 minute then stops. Pattern continues when Control Button is pressed again. | 1. Low Volt Halogen (12V) is blown | Replace the lamp load if it is blown, then perform a unit reset. |
| | 2. Magnetic transformer is faulty. | Check the status of magnetic transformer. |

Frequently asked questions

| Questions | Answers |
|---|---|
| 1. Is two way / intermediate control achievable using ULTI? | Yes. By using a FreeLocate switch |
| 2. What is the purpose of 047uF load capacitor UAX004? | This capacitor should be used for specific lamp types where minimum load requirements are not met |
| 3. What size of mounting box should be used with | A 35mm or deeper back box should be used. ULTI switches and dimmers? |

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.

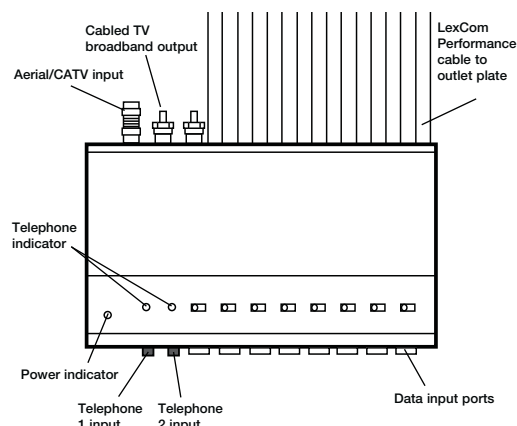
Cable TV

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.

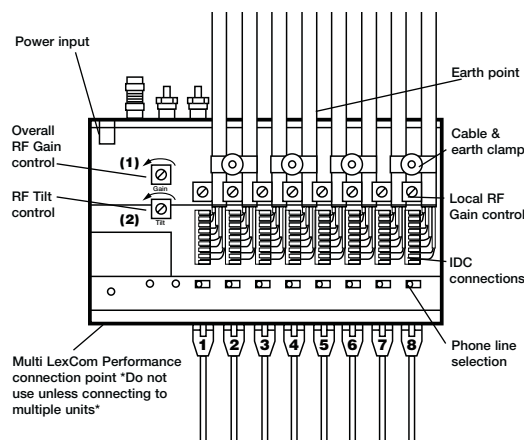
Broadband

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.

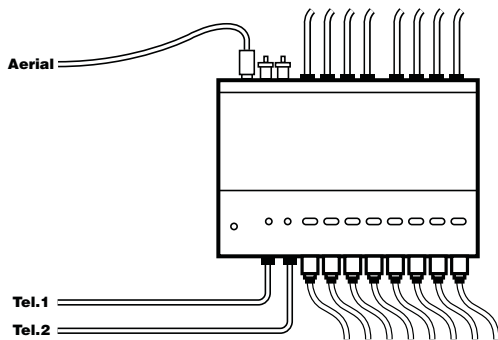
LexCom Performance core unit



LexCom Performance external view



LexCom Performance internal view



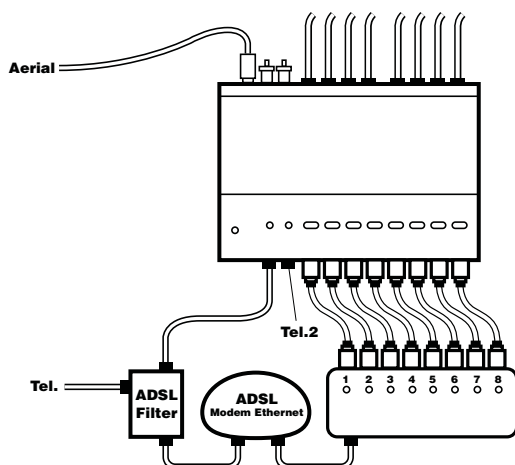
TV/RF input & data

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



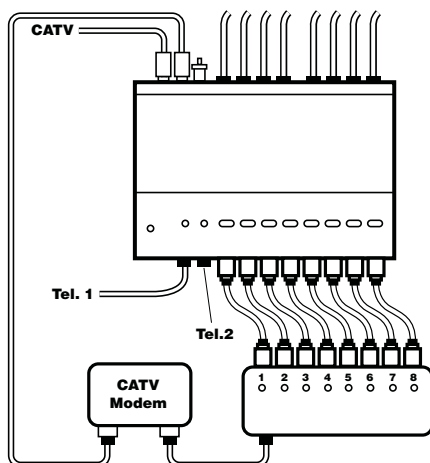
TV/RF input ADSL broadband plus

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 | If noise on the telephone line 1 or 2, check the system : * without the ADSL filter, * by plugging directly the telephone on the telephone line from the operator (disconnection of the LexCom Performance). 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. |
| 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 separate RF to IR Converter (available separately from retail outlets) |
| Can I distribute cable or satellite broadcast? | 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. |
| | 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. |
| | 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. |

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

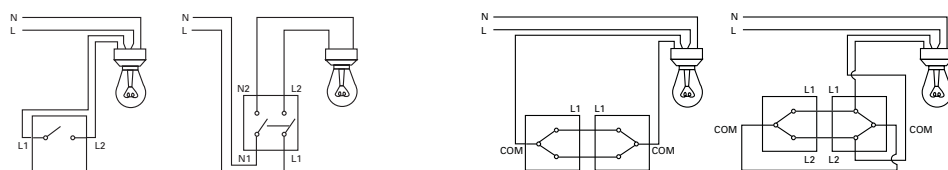


Diagram A – One way circuits

Diagram B – Two way circuits

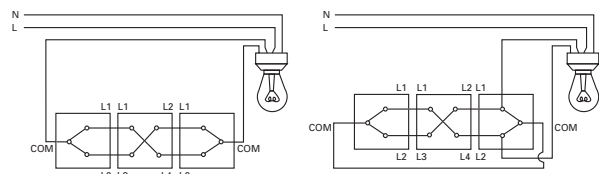


Diagram C – Intermediate circuits

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 flat plate | Rocca decorative | Exclusive brass and metal plate |
| 6AX/10AX plate switches | 1-2 gang | 16mm | 16mm | 16mm | 25mm | 25mm |
| | 3 gang | 25mm | 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 | 35mm | 25mm |
| | 3 & 4 gang | 25mm | 25mm | 25mm | | 25mm |
| Socket outlets | 1 gang | 25mm*/35mm | 25mm | 25mm*/35mm | 25mm | 25mm |
| | 2 gang | 25mm*/35mm | 25mm | 25mm*/35mm | 25mm | 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 | 35mm | 25mm |
| Flex outlet plates | | 25mm | 25mm | | | |
| 20AX key switches | | 25mm | 25mm | 25mm | 35mm | 25mm |
| 20AX DP switches | | 25mm | 25mm | 25mm | 35mm | 25mm |
| 32A DP plate switches | 1 gang | 47mm | 47mm | | | 47mm |
| | 2 gang | 47mm | 47mm | 47mm | 47mm | |
| 45A DP switches | 1 gang | 47mm | 47mm | | | 47mm |
| | 2 gang | 47mm | 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 | 25mm |
| Co-axial socket outlets | Single & twin | 25mm | 25mm | 25mm | 25mm | 25mm |
| Diplex and triplex | | 25mm | 25mm | 35mm | 25mm | 25mm |
| Satellite socket | | 25mm | 25mm | 25mm | | 25mm |
| RJ45 & RJ11 | | 35mm | 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.

GET 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 |

GET 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).

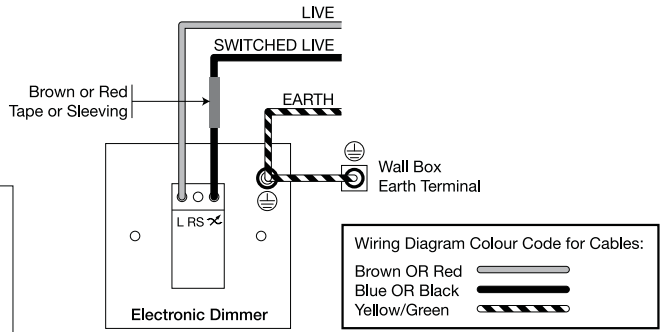
Rotary one-way dimmers can only be used for switching and dimming from one position. Rotary two-way (push) dimmers can be used to replace any one, (but not both), of the two-way switch circuit, (note that only one dimmer can be used per switch circuit or lamp(s); thus the lights can be switched from 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.

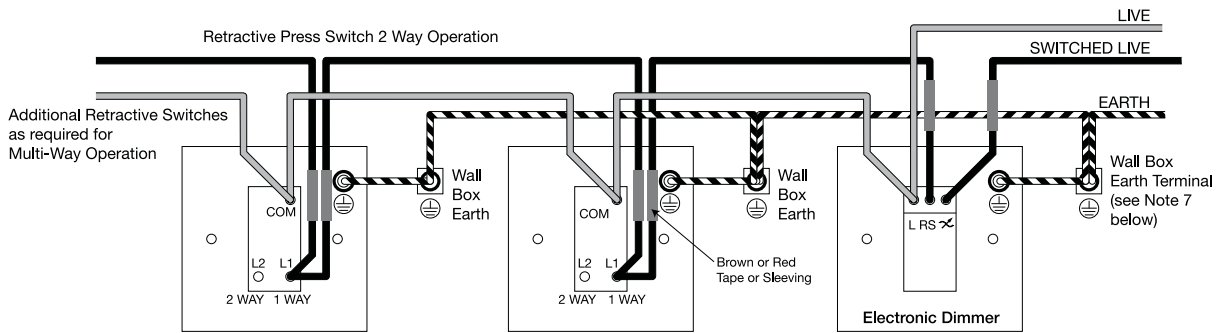
1 way installation wiring diagram

IMPORTANT NOTES - for 1 Way Installation

1. Read General Installation Safety Instructions before starting work
2. Do not connect any conductor to dimmer terminal marked RS. This is for use with 2 way switching



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.
- The dimmer must be connected at the live supply end of multiway installations.

Lamps

- Do NOT use with Compact Fluorescent Lamps (CFL) even if marked “dimnable”, 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.

GET 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

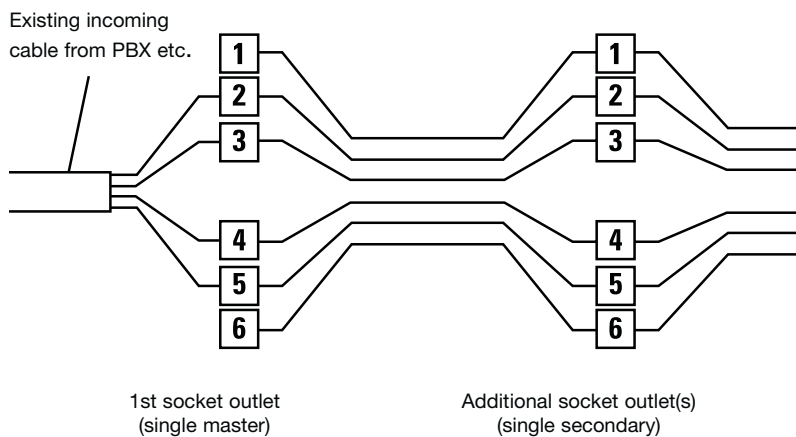
1 Connection to 2 & 5

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.



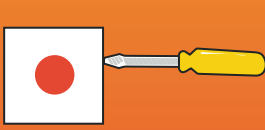



A - Excellent
Recommended no
adverse effects after
extended exposure.

B - Good
Acceptable minimal loss
of mechanical properties
after long periods of
exposure.

C - Fair
Marginal acceptability.








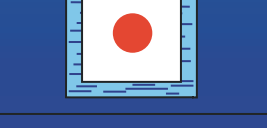
D - Poor
Not recommended for
use.

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) | |

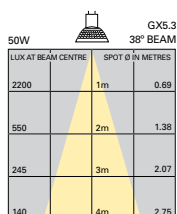
| | Wall Mounted | | Outdoor | | | |
|--|---|---|---|--|--|---|
| | E751R | GUPA1411BSS | GUP1411BSS | E750WPRGY | CCT56P004 | CCT56P008 |
| | Infrascan Single-load 120° PIR sensor | Ultimate screwless 90° PIR plate switch - with override | Ultimate screwless 90° PIR plate switch | Infrascan single-load 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) |

Lighting range standards

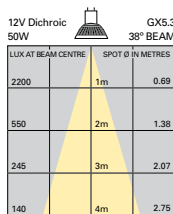
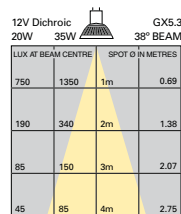
| | Mains halogen downlighters | Low voltage dichroic downlighters | Low voltage cabinet lights |
|---------------------|----------------------------|-----------------------------------|----------------------------|
| Operating voltage | 230/240V AC 50Hz | 12V AC 50Hz | 12V AC 50Hz |
| Max lamp rating | 50W | 50W | 20W |
| Standard compliance | EN 60598-1:1997 | EN 60598-1:1997 | EN 60598-1:1997 |
| Lamp type | GU10 closed halogen ES50 | MR16 dichroic closed type | G4 capsule lamp |
| | CE □ | CE | CE |

Beam diagrams

Halogen lamps (mains)

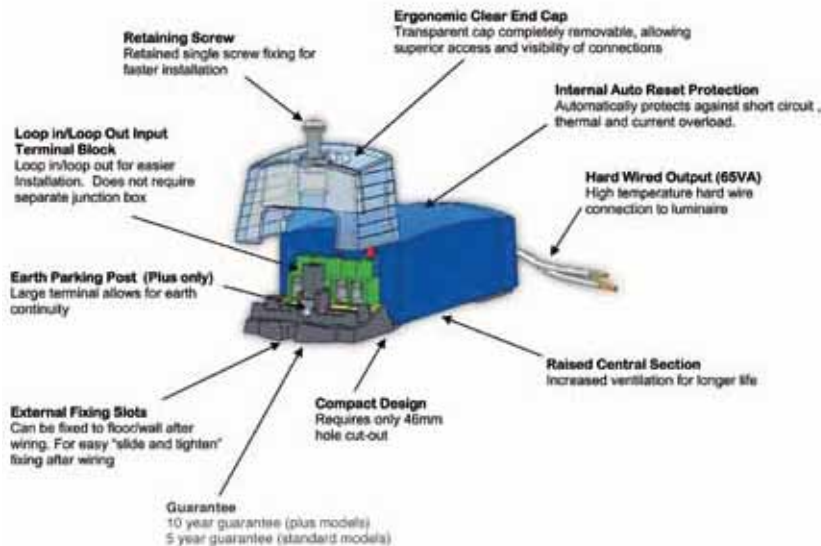
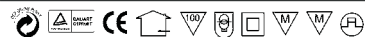


MR16 dichroic lamps (low voltage)



Electronic transformer data

| Model | 65VA | | 105VA | | 150VA | | 200VA | |
|--------------------------|-----------------------------|------------|-----------------------|------------|-----------------------|------------|-----------------------|------------|
| | GTR65P | GTR65 | GTR105P | GTR105 | GTR150P | GTR150 | GTR200P | GTR200 |
| Primary (V) | 230-240V | | 230-240V | | 230-240V | | 230-240V | |
| Secondary (V) | 11.4 - 11.6V | | 11.4 - 11.6V | | 11.4 - 11.6V | | 11.4 - 11.6V | |
| Power | 65VA | | 105VA | | 150VA | | 200VA | |
| Output (Hz) | 40KHz - 43KHz | | 40KHz - 43KHz | | 40KHz - 43KHz | | 40KHz - 43KHz | |
| Current (A) | 5.4A | | 8.8A | | 13A | | 17.4A | |
| LED Indicator | Yes | No | Yes | No | Yes | No | Yes | No |
| Output wires | 2 x 300mm silicon insulated | | 2 Pairs | | 4 Pairs | | 4 Pairs | |
| Short Circuit Protection | Manual Reset | Auto Reset | Manual Reset | Auto Reset | Manual Reset | Auto Reset | Manual Reset | Auto Reset |
| Overload Protection | Manual Reset | Auto Reset | Manual Reset | Auto Reset | Manual Reset | Auto Reset | Manual Reset | Auto Reset |
| Thermal Protection | Resettable | Yes | Resettable | Yes | Resettable | Yes | Resettable | Yes |
| Max Case Temp | 85°C | | 85°C | | 85°C | | 85°C | |
| Power Factor | 0.98 | | 0.98 | | 0.98 | | 0.98 | |
| Cable Size max. | 1.5mm ² | | 1.5mm ² | | 1.5mm ² | | 1.5mm ² | |
| Max Dimensions | 124mm x 30mm x 40mm | | 147mm x 30mm x 40mm | | 206mm x 44mm x 56mm | | 206mm x 44mm x 56mm | |
| Case material | Polycarbonate UL94 V0 | | Polycarbonate UL94 V0 | | Polycarbonate UL94 V0 | | Polycarbonate UL94 V0 | |
| Weight | 107g | 97g | 121g | 112g | 280g | 270g | 300g | 290g |
| Guarantee | 10 Years | 5 Years | 10 Years | 5 Years | 10 Years | 5 Years | 10 Years | 5 Years |



Ingress protection system

EN 60529

The resistive performance of fittings to solids and liquids is indicated by the IP (Ingress Protection) prefix followed by two numbers. The first number indicates the measure of protection against the ingress of solids.

The second number indicates the measure of protection against the ingress of liquids.

Protection against the ingress of solids

First identification number

| Number | Measure of protection | Test |
|--------|--|----------------------------------|
| IP2X | Against foreign bodies > 12mm Ø | Ball 12mm Ø and finger test |
| IP3X | Against foreign bodies > 2.5mm Ø | Steel wire 2.5mm Ø |
| IP4X | Against foreign bodies > 1.0mm Ø | Steel wire 1.0mm Ø |
| IP5X | Against harmful dust deposits (dust proof) | Talcum powder – particles 1 µm Ø |
| IP6X | Against any entry of dust (dust light) | Talcum powder – particles 1 µm Ø |

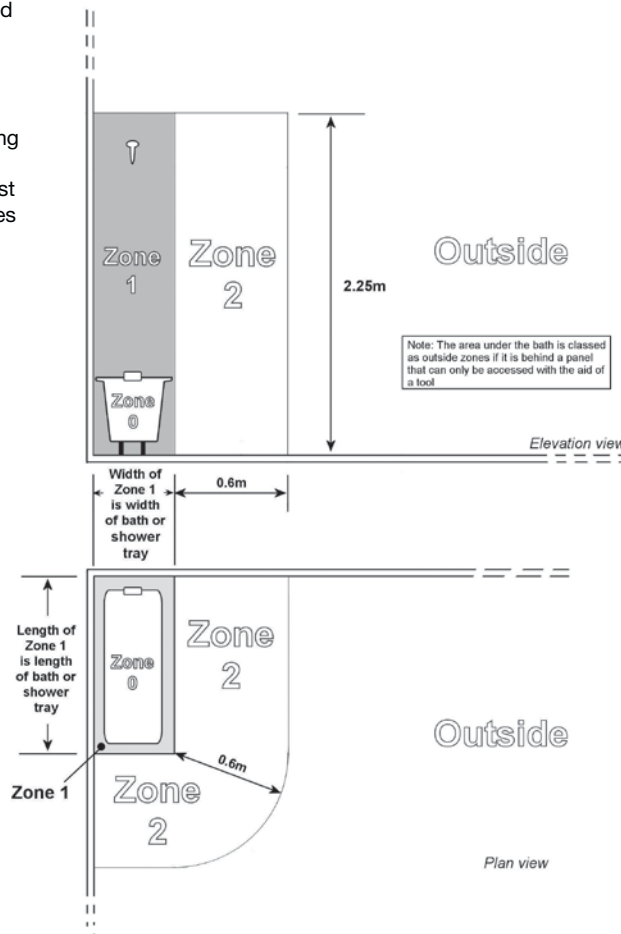
Protection against the ingress of liquids

Second identification number

| Number | Measure of protection | Test |
|--------|--|--|
| IPX1 | Against falling drops of water | Water falling vertically |
| IPX2 | Against falling drops of water | Water falling up to 15° from vertical |
| IPX3 | Against falling drops of water (rain proof) | Water falling up to 60° from vertical |
| IPX4 | Against splashed water (splash proof) | Water from all directions |
| IPX5 | Against jets of water (jet proof) | Water from all directions projected by a nozzle |
| IPX6 | Against heavy seas or powerful water jets | Water from all directions projected by a nozzle |
| IPX7 | Against prolonged immersion effects, but not for continuous underwater application | Immersion in water > 1m for 30 minutes |
| IPX8 | Against prolonged submersion | Immersion in water > 1m max for 30 minutes – max. depth tested indicated after symbol (pressure water-tight) |

Current-using equipment and accessories in locations containing a bath or shower

These illustrations and the advice opposite are based on BS 7671:2008 the IEE Wiring Regulations 17th Edition, Section 701. For full details please look in this document. For lighting installed in Zone 1 and 2 all luminaires must be at least IPX4, or IPX5 if water jets are used for cleaning. All circuits for current-using equipment and accessories must be protected by RCD's of 30mA rating. SELV (12V ac) luminaires must have the SELV source (transformer) outside the zones e.g. in the ceiling void.



Light and colour rendering

The colour appearance will depend on the spectral emission of the light source and the ability of a light source to render colours naturally, without distorting the hues. An even balance of light and colour define the atmosphere of a room and by the warmth or coldness influences a persons mood.

The colour characteristics of a lamp are governed by two separate criteria: colour appearance and colour rendering.

Colour temperature

The colour appearance of a light source characterised by the colour temperature Kelvin (K), the higher the temperature of the lamp the whiter its light.

Colour rendering

The effect that Fluorescent and other types of lamp have on the appearance of coloured objects is indicated by the general colour rendering index (Ra) scale of eight standard test colours.

Measured on a scale of 0 to 100, where 100 is the equivalent of daylight, higher values indicate better colour rendering. Values of 100-90 are very good, 90-80 good and those below 80 should not be used where colour rendering is a key factor.

LUX (lux)

The amount of light falling on a surface. Offices are typically lit to between 600 and 800 lux at desktop height.

1 Lux = One lumen per square metre, unit of illuminance.

Lamp types

Tungsten halogen

This light source is more efficient and compact and can therefore be directed to specific areas, producing a bright, white light brighter than incandescent lamps of the same wattage.

They are dimmable with all forms of modern dimmer control.

Linear fluorescent

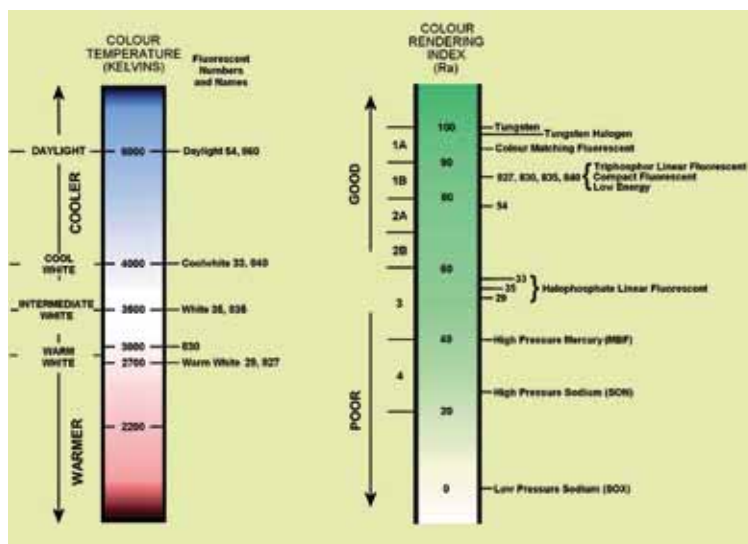
Up to 5 times more efficient and lasting up to 8 and even 15 times longer than incandescent. However, unlike halogen and tungsten these lamps require ballasts that control the current. Dimming can be achieved with many forms of electronic ballast. High output T5 diameter lamps are becoming the standard for commercial installations.

Compact fluorescent lamps

CFL's have the same characteristics and advantages of linear fluorescents, but are folded into compact shapes. Many wattages are available, from 5W to 80W. External Ballast high frequency (Non retrofit) – Compact in size the 2 pin and 4 pin CFL's require a separate ballast. Integral Ballast high frequency CFLi or low energy lamps – These lamps have internal electronic ballasts and can be used as direct replacements for GLS, candles and other lamps. They are central to achieving domestic lighting Carbon Emission Reduction Targets. The availability, types and styles of CFLi's and of dimmable versions will increase significantly with the progressive withdrawal of Incandescent lamps from the marketplace.

LED

Light Emitting Diode lamps can last for up to 50,000 hours. All LED light sources require some form of current control; either built into the lamp, such as in retrofit GU10's, or an external driver. For actual illumination the minimum wattage of retrofit lamps should be at least 3 Watts. LED lighting is currently in its infancy but is likely to eventually become a dominant light source. The availability of controllable LED's is currently poor but will become more prevalent.



Luminaire classification

Quality

All fittings produced by GET are manufactured and tested under a quality assurance system in accordance with EN ISO 9002: 1994, and are designed to comply with EN 60598

Compliance

The European Norm Electromechanical Certification (ENEC) has been adopted as a common mark of conformity with European Standards. A mark issued by any single national approbation bodies implies compliance with all seventeen international bodies. The ENEC mark now replaces the national test house symbol, and is appended by a number indicating from which test house the approbation originated.

CE marking



CE marking indicates compliance with the requirements of:

1. Low voltage directive for electrical safety (73/23/EEC as amended by 93/96/EEC)
2. EMC directive for electro magnetic compatibility (89/336/EEC as amended by 92/31/EEC)

Radio supression

EN 55015, EN 61000 & EN 61547

Fittings comply with radio interference supression and electromagnetic compatibility (EMC) regulations.

Feature symbols

Voltage

Fittings and transformers are supplied primarily for operation on 230/240V 50Hz. For alternative electrical specifications contact our Technical Support Department.

Electrical protection

Class 1 Fittings comply with class 1 (I) earthed electrical requirements i.e. functional insulation in all parts and earth termination.

Class 2 Fittings comply with class 2 (II) double insulated electrical requirements i.e. complete insulation in all parts without earth termination. In the event of an electrical fault, no dangerous voltage can reach touchable metal parts.

Class 3 Fittings comply with class 3 (III) triple insulated electrical requirements i.e. designed to connect to an external low voltage supply which is the same as the internal operating voltage requirement. In the event of an electrical fault, no dangerous voltage can develop.

Inflammability of surface protection

EN 60598



Suitable for mounting in or on furniture made or semi-incombustible or normally combustible materials such as wood.



Fittings made for mounting in or on furniture made of materials of unknown properties.

Equivalent wattages for energy saving lamps

■ Energy saving lamps last up to 8 times longer than standard lamps

| Standard | Energy saving |
|-----------|---------------|
| 15 Watts | 4 Watts |
| 30 Watts | 7 Watts |
| 40 Watts | 9 Watts |
| 60 Watts | 11 Watts |
| 70 Watts | 13/15 Watts |
| 100 Watts | 20 Watts |

GET lighting control products are compatible with many lamp types. Please check the table below for suitability.

| Lamp type | | Dimmer | | | | | Switch | | | | | | |
|---|-----|--------|------------|-------|--------|------|---------------|------------|----------|---------------|-----|-----------|------|
| | | Rotary | Electronic | 1000W | Sphere | ULTI | Plate/ Toggle | Time delay | Key card | Card switches | PIR | Photocell | ULTI |
| Incandescent | | | | | | | | | | | | | |
| GLS, Candle, Decorative, Golfball, striplight etc | MV | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Halogen - GU10, G9, R7s, Halogen replacements | MVH | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Halogen - MR16, G4, MR11, GU4, GU5.3. | LVH | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Fluorescent CFL | | | | | | | | | | | | | |
| Tubular, compact double D 2 pin/4 pin | | - | - | - | - | - | ● | ● | ● | ● | ● | ● | ● |
| CFLi | | | | | | | | | | | | | |
| Stick, Candle, Spiral, | | | | | | | | | | | | | |
| Golfball, GX53, GU10, Energy saving pendant | MV | - | - | - | - | - | ● | ● | ● | ● | ● | ● | ● |
| Dimmable CFLi | MV | ● | -* | -* | -* | ●* | ● | ● | ● | ● | - | ● | ● |
| Linear | | | | | | | | | | | | | |
| Mini batten, T4, T5 | MV | - | - | - | - | - | ● | ● | ● | ● | ● | ● | ● |
| T8 magnetic ballast HPF, LPF | MV | - | - | - | - | - | ● | ● | ● | ● | ● | ● | ● |
| T8 / High output T5 HF | MV | - | - | - | - | - | ● | ● | ● | ● | ● | ● | ● |
| HID | | | | | | | | | | | | | |
| Mercury Vapor | MV | - | - | - | - | - | ● | ● | ● | ● | ● | ● | ● |
| Self-Ballasted Mercury Vapor | MV | - | - | - | - | - | ● | ● | ● | ● | ● | ● | ● |
| Metal Halide | MV | - | - | - | - | - | ● | ● | ● | ● | ● | ● | ● |
| High Pressure Sodium | MV | - | - | - | - | - | ● | ● | ● | ● | ● | ● | ● |
| Low Pressure Sodium | MV | - | - | - | - | - | ● | ● | ● | ● | ● | ● | ● |
| Light Emitting Diode | | | | | | | | | | | | | |
| LED with Driver | MV | - | - | - | - | - | ● | ● | ● | ● | ● | ● | ● |
| LED Replacement | | | | | | | | | | | | | |
| GU10, MR16 | MV | -* | -* | -* | -* | -* | ● | ● | ● | ● | ● | ● | ● |

Notes*

The availability, types and styles of dimmable CFLi's and LED's will increase significantly with the progressive withdrawal of Incandescent lamps from the marketplace. Check with the Technical Support helpline (Tel 0870 608 8 608) or website to determine if your lamp is compatible with GET controls.

N.B.

MV = Mains voltage

MVH = Mains voltage halogen

LVH = Low voltage halogen

● = compatible

-* = not compatible

Recommended minimum number of air changes in certain environments

| Environment | Changes per hour | Environment | Changes per hour | Environment | Changes per hour |
|-----------------------------|------------------|---------------------------------|------------------|--------------------|------------------|
| Bathrooms and shower rooms | 3 | Halls and landings | 3 | Shops | 8 |
| Bedrooms | 2 | Hospital rooms | 4 | Sports facilities | 6 |
| Cafés | 10 | Kitchens (domestic) | 10 | Store rooms | 3 |
| Canteens | 8 | Laundries and laundrettes | 10 | Toilets (domestic) | 3 |
| Cellars | 3 | Living and other domestic rooms | 3 | Toilets (public) | 10 |
| Changing rooms with showers | 15 | Meeting rooms | 4 | Utility rooms | 15 |
| Conference rooms | 8 | Offices | 6 | Workshops | 6 |
| Garages | 6 | Restaurants & bars | 6 | | |
| Hairdressing salons | 10 | School rooms | 2 | | |

Example 1

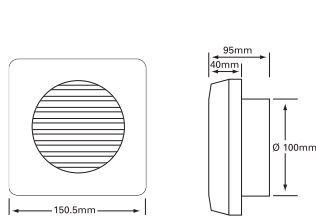
| Room | Bathroom |
|--------------------------------|-----------------------------------|
| Volume | 2.0 x 2.0 x 2.0 = 8m ³ |
| Number of air changes required | 3 |
| Performance | 8 x 3 = 24m ³ /h |
| Fan required | GFAN4 = 93m ³ /h |

Example 2

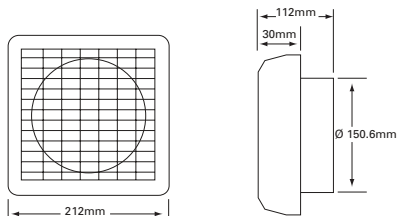
| Room | Kitchen |
|--------------------------------|------------------------------------|
| Volume | 2.8 x 2.8 x 2.8 = 22m ³ |
| Number of air changes required | 10 |
| Performance | 22 x 10 = 220m ³ /h |
| Fan required | GFAN6 = 250m ³ /h |

Stale air is also removed by installing the appropriate GET fan. In certain circumstances, such as in toilets, a timer is incorporated to provide an automatic turn-on period of up to 25 minutes as stipulated in The Building Regulations.

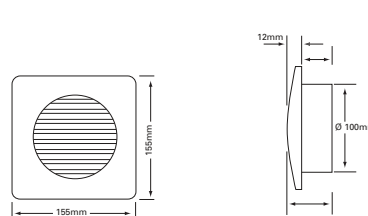
| | Standard 4" 100mm | Standard 4" 100mm slimline | Premium 4" 100mm slimline | 4" 100mm panel | Premium 6" 150mm |
|---|-------------------------|----------------------------|---------------------------|----------------------|----------------------|
| Voltage Supply | 220 - 240V 50Hz | 230V - 50Hz | 220 - 240V 50Hz | 220 - 240V 50Hz | 220 - 240V 50Hz |
| Power | 20W Max | 26W Max | 16W | 16W | 26W |
| Timer Control (where applicable) | 3 - 25 mins | 3 - 25 mins | 1 - 25 mins | 1 - 25 mins | 1 - 25 mins |
| Humidistat Timer Control (where applicable) | 3 - 50 mins | 1 - 50 mins | 1 - 25 mins | 1 - 25 mins | 1 - 25 mins |
| Extract Capacity | 93 ³ /hr max | 250 ³ /hr max | 129 ³ /hr | 115 ³ /hr | 295 ³ /hr |
| Humidity Adjustment | 50 - 60% | 50 - 90% | 60 - 90% | 60 - 90% | 60 - 90% |
| Noise Level | 45dB | 35dB | 37dB | 36dB | 39dB |
| IP Rating | IPX4 | IPX4 | IP24 | IP24 | IP24 |
| Max. Room Temperature | 40°C | 40°C | 45°C | 45°C | 45°C |
| Double Insulated | yes | yes | yes | yes | yes |
| Fitted with Fused Thermal Protection | yes | yes | yes | yes | yes |



Standard 4" (100mm)



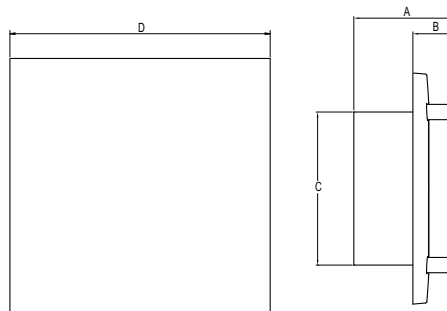
Standard 6" (150mm)



Standard 4" (100mm) slimline

Dimensions

| Part number | | A | B | C | D |
|--------------------|-----------------|-----|----|-----|-----|
| GPGPTFAN4TB | Designer Range | 126 | 32 | 100 | 170 |
| GSPTFAN4T | Premium Range | 126 | 30 | 100 | 150 |
| GSPTFAN4LT | Aluminium Panel | 126 | 30 | 100 | 150 |



Specifications for 12V SELV unit

| | |
|----------------------------------|----------------|
| Controller | |
| Voltage Supply | 230V 50Hz |
| Voltage Output | 12V 50Hz 20VA |
| Timer Control (where applicable) | 3 – 25 minutes |

| | |
|--------------------------------------|--------------------------|
| Fan | |
| Extract Capacity | 93m ³ /hr max |
| Noise Level | 45dB (A) |
| IP Rating | IPX4 |
| Max Room Temperature | 40°C |
| Double Insulated | Class III SELV |
| Fitted with Fused Thermal Protection | Yes |

Specifications for 150mm/6" fans

| | |
|---|---------------------------|
| 150mm/6" wall fans | |
| Voltage Supply | 230V 50Hz |
| Power | 28W Max |
| Timer Control (where applicable) | 3 – 25 minutes |
| Humidistat Timer Control (where applicable) | 3 – 50 minutes |
| Extract Capacity | 250m ³ /hr max |
| Noise Level | 35dB |
| IP Rating | IPX4 |
| Max Room Temperature | 40°C |
| Double Insulated | <input type="checkbox"/> |
| Fitted with Fused Thermal Protection | Yes |
| Humidity Adjustment | 50% – 90% |

Humidistat variants

Humidity override is primary to any other means of control, i.e. timer or pull cord. This ensures optimum operation at all time.

Installation methods

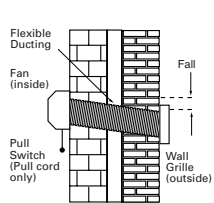


Diagram 1a

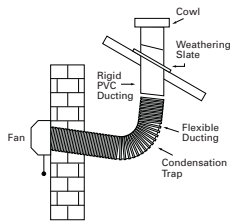


Diagram 1b

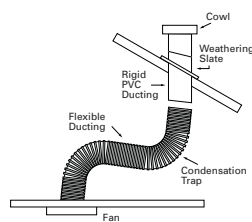


Diagram 1c

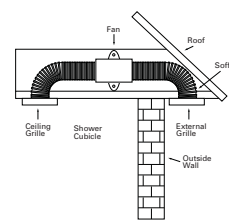


Diagram 1d

4" Fans are not designed for installation in showers. For this specification inline fan should be used. See diagram 1d

Wiring diagrams

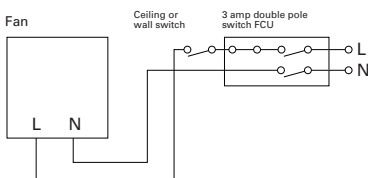


Diagram 2a Fan without Timer and Fan with humidistat/pull cord override

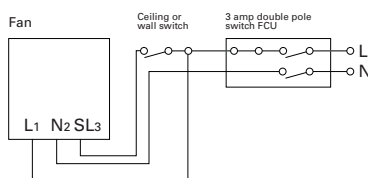


Diagram 2b Fan with Timer

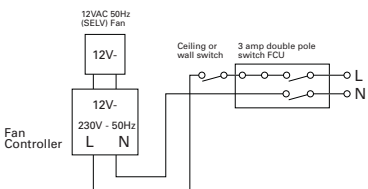


Diagram 2c 12V Fan without Timer

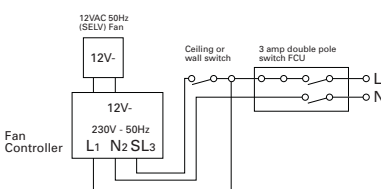


Diagram 2d 12V Fan with Timer

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| 56E2RO | 132 | CFLDD16W8354P | 156 | E4265WE | 104 |
| 56E3GY | 132 | CFLDD28W8352P | 156 | E426WE | 104 |
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