# PRODUCT CATALOGUE

Wiring Accessories
Consumer Units
Circuit Protection

**Installation Materials Division**
...the name behind the brands



# CONSUMER UNITS & CIRCUIT PROTECTION DEVICES

M2 offer a comprehensive range of consumer units and short circuit protective devices for the domestic market that have many features to aid the installation. The dual screw main switch isolator offers unrivalled performance for meter tails connections, whilst the unique bus bar system provide quick and easy installation of devices. In addition, our extensive range of compact RCBO devices now feature a 45A rated device.

At M2, it is a matter of safety and our product features and benefits have been developed following research carried out by leading industry bodies. Our commitment to change has been a deciding factor for many esteemed housing associations to choose M2 as their primary switchgear manufacturer.

## Section Content

### 230V SWITCHGEAR


| | |
|---|---|
| Metalclad Consumer Units | 2 |
| Insulated Consumer Units | 12 |
| Accessories | 14 |
| Circuit Protection Devices | 16 |
| Surge Protection Devices | 19 |
| Technical Information | 22 |


### 400V SWITCHGEAR

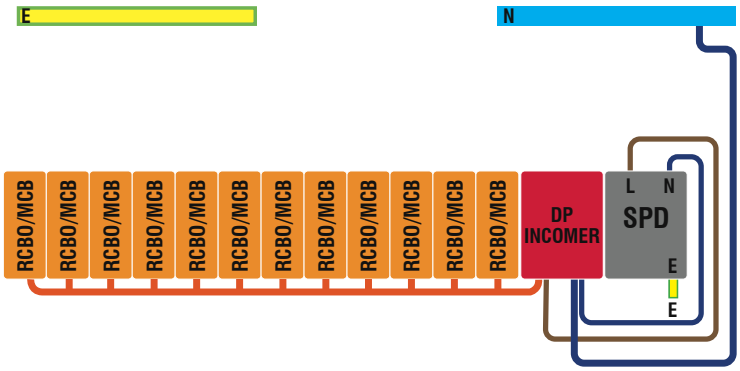

| | |
|---|---|
| IP67 Rotary Isolators | 20 |

This guide to Consumer Units has been compiled in order to assist in understanding the new wiring regulations. However it is not intended to be a substitute for BS 7671 which should always be consulted in order to ensure that all installations are constructed in accordance with these regulations.

- Is the Consumer Unit being installed in a domestic (household) premise (Reg. 421.1.201), i.e. metalclad consumer unit?
- To avoid hazards and minimise inconvenience in the event of a fault, take into account the danger caused by failure of a single circuit such as a lighting circuit. Reduce the possibility of tripping of an RCD due to excessive protective conductor currents (Reg. 314.1).
- Socket outlets up to 32A must be protected by a residual-current device (Reg. 411.3.3).
- Is Lightning or Surge Protection required under Regulation 443.4 & 5?
- Are Arc Fault Detection Devices (AFDDs) required to provide additional protection against fire?

## ISOLATOR CONTROLLED BOARD

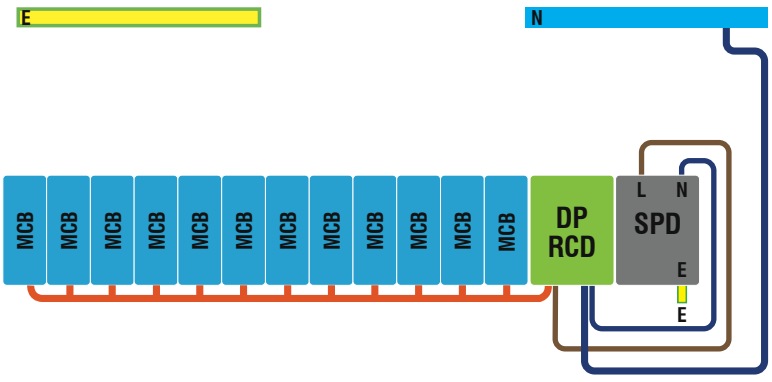
- Allows the use of single module RCBO devices for individual circuit protection at 30mA
- Reduces risk of nuisance tripping
- An earth fault on one circuit would not adversely affect other circuits in the installation
- Can be used as main domestic Consumer Unit




See page **114** for Metalclad boards (120 for insulated boards)

## RCD CONTROLLED BOARD

- Suitable for Grouped Circuit Protection of small numbers of circuits, usually downstream of main consumer unit
- Typical applications include garages, showers and small extensions
- If fed from main Consumer Unit also with RCD protection, earth leakage discrimination must be considered
- Can be used as sub-distribution board, but should not be used as main domestic Consumer Unit

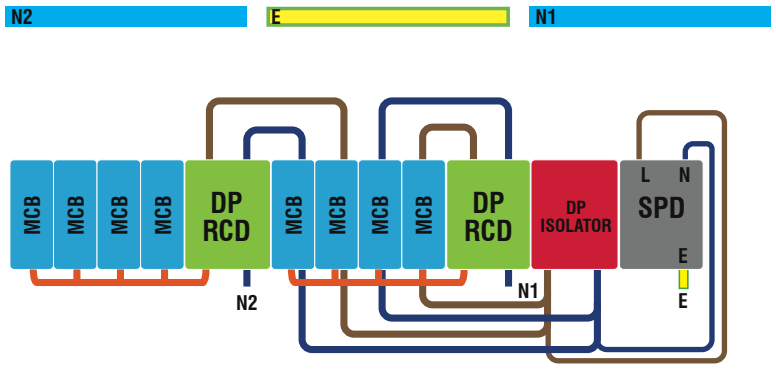



See page **115** for Metalclad boards (121 for insulated boards)

## DUAL RCD BOARD

- Offers Grouped Circuit Protection using two 30mA RCDs
- Circuits can be segregated to reduce unwanted tripping, for example upstairs lights + downstairs ring main off RCD1 and downstairs lights + upstairs ring main off RCD2
- Can be used as main domestic Consumer Unit

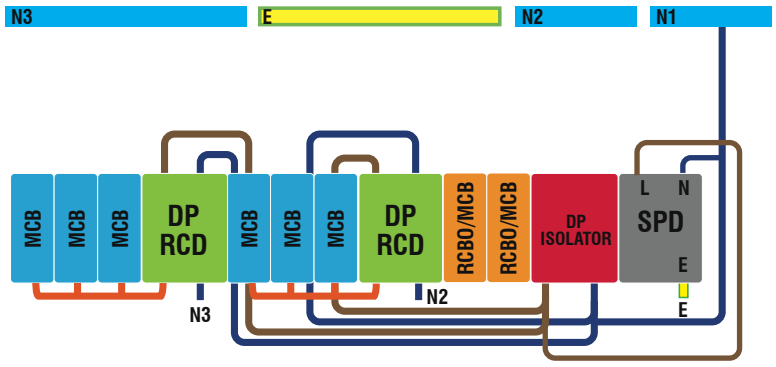
See page **116** for Metalclad boards




## HIGH INTEGRITY DUAL RCD BOARD

- High Integrity circuit ways off the isolator are available for dedicated circuit protection - i.e. Smoke Alarms
- Dual 30mA RCD configuration offering Grouped Circuit Protection
- Circuits can be segregated to reduce unwanted tripping
- Can be used as main domestic Consumer Unit

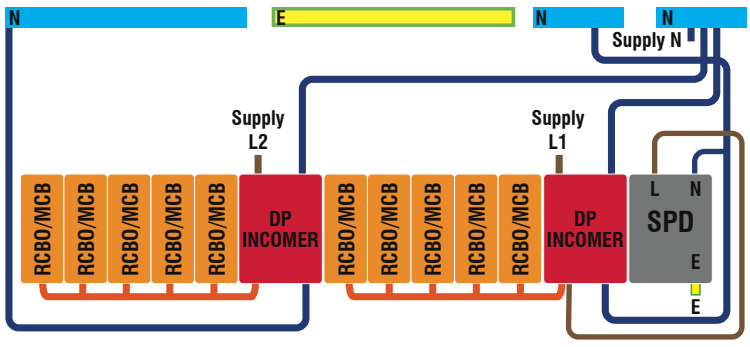
See page **117** for Metalclad boards




## DUAL TARIFF BOARD

- For segregation of On Peak and Off Peak circuits
- Optional split load and isolator incomer options available
- Additional configurations available upon request
- Can be used as main domestic Consumer Unit

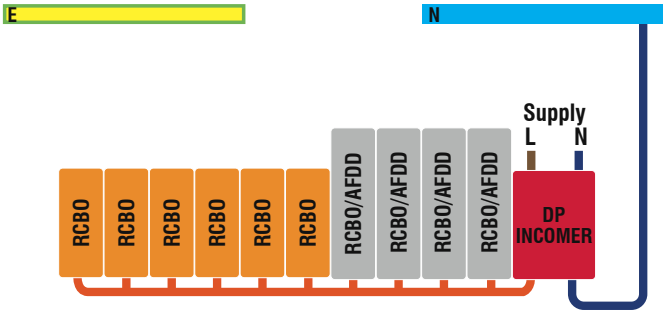
See page **118** for Metalclad boards




## AFDD BOARD

- For compliance to Regulation 421.1.7 - recommended use of Arc Fault Detection Devices as a means of providing additional protection against fire caused by arc faults in final AC circuits
- Use standard Isolator Controlled Consumer Units and fit 1 module combined AFD/RCBO Devices offering Arc Fault, Earth Leakage, Overload and Short Circuit protection
- Can be used as main domestic Consumer Unit

See page **126** for Combined AFD/RCBOs



# KEY FEATURES:

## AM2X METALCLAD RANGE

### FEATURES:

The new range of Metalclad Consumer Units from M2 Electrical have been designed in conjunction with contractors and housing authorities specifically to meet the requirements of BS7671 - The Wiring Regulations.

The M2 XS dual screw terminal isolator with a 35mm$^2$ terminal capacity offers protection for nearly double the average strip length, improving cable contact within the terminal and its circular terminal design reduces cable strand spread.

With its linear design and matt white (RAL9010) finish, the consumer unit offers the home owner a discreet and contemporary product, whilst providing suitable protection to meet today's need.

Regulation 421.1.201 calls for switchgear assemblies - including consumer units, to be housed in a non-combustible enclosure, incorporating the base, cover, door and any accessories. The M2XS range meets these requirements and offers additional features providing a more versatile product.





# METALCLAD CONSUMER UNIT FEATURES




**1. Dual Screw Termination**

Patented terminal design.





**2. 18th Edition Compliant**

Removable blank for SPD installation.





**3. Preformed cables**

Added cabling capacity.



**4. Installation of Devices**

Comb bus bar / Half Din Rail for quick fitting of devices.



**5.** Steel cam lock with optional retrofit key lock.

**6.** Easy access for meter tail connections.

**7.** NEW compact 220mm high consumer units.

**8.** Bespoke consumer units made to order.

## OFFERING A COMPREHENSIVE RANGE



**easurements:**
llimeters (mm)
unless stated
otherwise

**uit Protection Devices:**
e refer to page
124

## FEATURES:

The M2 range of metal consumer units are designed and manufactured to BSEN 61439 pt 3 and meets the requirements of BS 7671 regulation 421.1.201 - effects against thermal influences specifically for domestic household dwellings. Manufactured from steel and finished in a polyester powder coating to RAL9010, the M2 range provides a comprehensive selection of products to meet the customers requirements.

LIFT UP LIDS

18th COMPLIANT



## ISOLATOR CONTROLLED CONSUMER UNITS

63A / 100A Double Pole Switch Disconnector Incomer Metalclad Consumer Unit

- Incoming Isolator fitted can be a choice of either 45A (on request), 63A, or 100A
- Units will accept 6 kA and 10 kA MCBs and RCBOs
- Non-combustible enclosure

**AM2X14MUT2**

| O/G WAYS | ISOLATOR RATING | WITHOUT SPD CAT. NO. | WITH SPD TYPE 2 CAT. NO. | H | W | D |
|---|---|---|---|---|---|---|
| 2 | 63A | **AM2X2MU** | **-** | 220 | 115 | 85 |
| 4 | 100A | **AM2X4MU** | **AM2X4MUT2** | 220 | 201 | 110 |
| 6 | 100A | **AM2X6MU** | **AM2X6MUT2** | 220 | 273 | 110 |
| 8 | 100A | **AM2X8MU** | **AM2X8MUT2** | 220 | 273 | 110 |
| 10 | 100A | **AM2X10MU** | **AM2X10MUT2** | 220 | 309 | 110 |
| 11 | 100A | **AM2X11MU** | **AM2X11MUT2** | 220 | 335 | 110 |
| 12 | 100A | **AM2X12MU** | **AM2X12MUT2** | 220 | 381 | 110 |
| 14 | 100A | **AM2X14MU** | **AM2X14MUT2** | 220 | 381 | 110 |
| 16 | 100A | **AM2X16MU** | **AM2X16MUT2** | 220 | 417 | 110 |
| 20 | 100A | **AM2X20MU** | **AM2X20MUT2** | 220 | 489 | 110 |
| 22 | 100A | **AM2X22M*** | **AM2X22MT2*** | 500 | 309 | 110 |
| 26 | 100A | **AM2X26MU** | **AM2X26MUT2** | 220 | 597 | 110 |
| 30 | 100A | **AM2X30M*** | **AM2X30MT2*** | 500 | 381 | 110 |
| 34 | 100A | **AM2X34M*** | **AM2X34MT2*** | 500 | 417 | 110 |

* - Double banked.

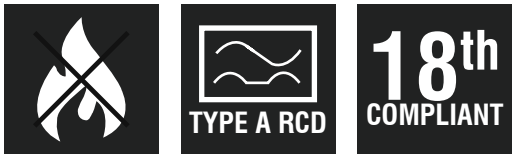
**For TYPE 1** lightning protection replace suffix T2 for T1

**For TYPE 2+3** overvoltage transient replace suffix T2 for T23

## FEATURES:

The M2 range of Type A RCD incomer metalclad consumer units are available with 63A, 80A and 100A RCD incomer ratings and 30mA earth leakage protection.

For 100mA earth leakage protection or Type AC, please contact our sales office for further details on 01527 520 678.






AM2R8012MUA

## RCD INCOMER CONSUMER UNITS

63A / 100A 30mA RCD Incomer Metalclad Consumer Unit

- 63A, 80A or 100A Type A 30mA DP RCD incomer
- Optional key lock available

| O/G WAYS | RCD 1 RATING* | WITHOUT SPD CAT. NO. | WITH SPD TYPE 2 CAT. NO. | H | W | D |
|---|---|---|---|---|---|---|
| 2 | 63A | **AM2R632MA** | **-** | 220 | 115 | 85 |
| 4 | 63A | **AM2R634MUA** | **AM2R634MUAT2** | 220 | 201 | 110 |
| 6 | 63A | **AM2R636MUA** | **AM2R636MUAT2** | 220 | 273 | 110 |
| 8 | 63A | **AM2R638MUA** | **AM2R638MUAT2** | 220 | 273 | 110 |
| 12 | 63A | **AM2R6312MUA** | **AM2R6312MUAT2** | 220 | 381 | 110 |
| 2 | 80A | **AM2R802MA** | **-** | 232 | 149 | 110 |
| 4 | 80A | **AM2R804MUA** | **AM2R804MUAT2** | 220 | 201 | 110 |
| 6 | 80A | **AM2R806MUA** | **AM2R806MUAT2** | 220 | 273 | 110 |
| 8 | 80A | **AM2R808MUA** | **AM2R808MUAT2** | 220 | 273 | 110 |
| 12 | 80A | **AM2R8012MUA** | **AM2R8012MUAT2** | 220 | 381 | 110 |
| 4 | 100A | **AM2R1004MUA** | **AM2R1004MUAT2** | 220 | 201 | 110 |
| 6 | 100A | **AM2R1006MUA** | **AM2R1006MUAT2** | 220 | 273 | 110 |
| 8 | 100A | **AM2R1008MUA** | **AM2R1008MUAT2** | 220 | 273 | 110 |
| 12 | 100A | **AM2R10012MUA** | **AM2R10012MUAT2** | 220 | 381 | 110 |

* - 30mA trip rating.

**For TYPE 1** lightning protection replace suffix T2 for T1

**For TYPE 2+3** overvoltage transient replace suffix T2 for T23

**Measurement**
Millimeters (mm unless stated otherwise

**Circuit Protec Devices:**
Please refer to 124

**easurements:**
llimeters (mm)
unless stated
otherwise

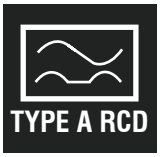
**uit Protection Devices:**
e refer to page 124

## FEATURES:

This selection of Consumer Units offer the facility to spread the load circuits across one or two 30mA RCDs.

In addition, our standard range of dual RCD consumer units are available with SPDs pre-fitted.











## DUAL RCD CONSUMER UNITS

Metalclad Consumer Units Dual RCD Controlled

- Supplied with 2x Type A 30mA RCDs, 1x 100A DP isolator and full complement of earth and neutral terminals along with marking labels, busbar and instructions
- Non-combustible enclosure

**AM2X66TRMUAT1**

| O/G WAYS | ISOLATOR RATING | RCD 1 RATING* | RCD 2 RATING* | WITHOUT SPD CAT. NO. | WITH SPD TYPE 2 CAT. NO. | H | W | D |
|---|---|---|---|---|---|---|---|---|
| 6 | 100A | 63A | 63A | **AM2X33TRMUA** | **AM2X33TRMUAT2** | 220 | 309 | 110 |
| 10 | 100A | 63A | 63A | **AM2X55TRMUA** | **AM2X55TRMUAT2** | 220 | 381 | 110 |
| 10 | 100A | 100A | 100A | **AM2X55TRMUNA** | **AM2X55TRMUNAT2** | 220 | 381 | 110 |
| 12 | 100A | 80A | 80A | **AM2X66TRMUA** | **AM2X66TRMUAT2** | 220 | 417 | 110 |
| 12 | 100A | 100A | 100A | **AM2X66TRMUNA** | **AM2X66TRMUNAT2** | 220 | 417 | 110 |
| 16 | 100A | 80A | 80A | **AM2X88TRMUA** | **AM2X88TRMUAT2** | 220 | 489 | 110 |
| 16 | 100A | 100A | 100A | **AM2X88TRMUNA** | **AM2X88TRMUNAT2** | 220 | 489 | 110 |
| 20 | 100A | 80A | 80A | **AM2X1010TRMUA** | **AM2X1010TRMUAT2** | 220 | 597 | 110 |
| 20 | 100A | 100A | 100A | **AM2X1010TRMUNA** | **AM2X1010TRMUNAT2** | 220 | 597 | 110 |
| 22 | 100A | 80A | 80A | **AM2X1111TRMUA** | **AM2X1111TRMUAT2** | 220 | 597 | 110 |
| 22 | 100A | 100A | 100A | **AM2X1111TRMUNA** | **AM2X1111TRMUNAT2** | 220 | 597 | 110 |

* - 30mA trip rating.

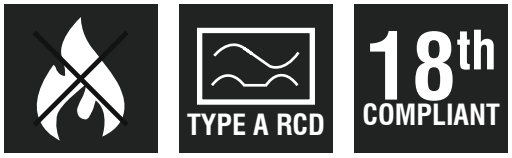
**For TYPE 1** lightning protection replace suffix T2 for T1

**For TYPE 2+3** overvoltage transient replace suffix T2 for T23

## FEATURES:

For applications where 'High Integrity' circuit protection is required - such as smoke detectors, these units allow dedicated RCBO installation.

Standard configurations listed below supplied with DP isolator and RCD/s factory fitted, link leads for both live and neutral connections also pre-installed.






AM2X44TR2MUAT2

## HIGH INTEGRITY DUAL RCD CONSUMER UNITS

Dual RCD High Integrity Metalclad Consumer Unit

- Supplied with 2x Type A 30mA RCD's, 1x 100A DP Isolator and full complement of earth and neutral terminals along with marking labels, bus bar and instructions
- Non-combustible enclosure
- DSLV units are flexible/variable

| O/G WAYS | ISOLATOR RATING | RCD 1 RATING* | RCD 2 RATING* | WITHOUT SPD CAT. NO. | WITH SPD TYPE 2 CAT. NO. | H | W | D |
|---|---|---|---|---|---|---|---|---|
| 6 | 100A | 63A | 63A | **AM2X23TR1MUA** | **AM2X23TR1MUAT2** | 220 | 309 | 110 |
| 10 | 100A | 63A | 63A | **AM2X44TR2MUA** | **AM2X44TR2MUAT2** | 220 | 381 | 110 |
| 12 | 100A | 63A | 63A | **AM2X55TR2MUA** | **AM2X55TR2MUAT2** | 220 | 417 | 110 |
| 14 | 100A | 63A | 63A | **AM2X66TR2MUA** | **AM2X66TR2MUAT2** | 220 | 489 | 110 |
| 20 | 100A | 80A | 80A | **AM2X88TR4MUA** | **AM2X88TR4MUAT2** | 220 | 597 | 110 |
| 6 | 100A | 63A | 63A | **AM2XDSLV6UA** | **AM2XDSLV6UAT2** | 220 | 309 | 110 |
| 10 | 100A | 63A | 63A | **AM2XDSLV10UA** | **AM2XDSLV10UAT2** | 220 | 381 | 110 |
| 10 | 100A | 100A | 100A | **AM2XDSLV10UNA** | **AM2XDSLV10UNAT2** | 220 | 381 | 110 |
| 12 | 100A | 80A | 80A | **AM2XDSLV12UA** | **AM2XDSLV12UAT2** | 220 | 417 | 110 |
| 12 | 100A | 100A | 100A | **AM2XDSLV12UNA** | **AM2XDSLV12UNAT2** | 220 | 417 | 110 |
| 16 | 100A | 80A | 80A | **AM2XDSLV16UA** | **AM2XDSLV16UAT2** | 220 | 489 | 110 |
| 16 | 100A | 100A | 100A | **AM2XDSLV16UNA** | **AM2XDSLV16UNAT2** | 220 | 489 | 110 |
| 22 | 100A | 80A | 80A | **AM2XDSLV22UA** | **AM2XDSLV22UAT2** | 220 | 597 | 110 |
| 22 | 100A | 100A | 100A | **AM2XDSLV22UNA** | **AM2XDSLV22UNAT2** | 220 | 597 | 110 |

* - 30mA trip rating.

**For TYPE 1** lightning protection replace suffix T2 for T1

**For TYPE 2+3** overvoltage transient replace suffix T2 for T23

**Measurement**
Millimeters (mm
unless stated
otherwise

**Circuit Protec
Devices:**
Please refer to
124

M2

**easurements:**
llimeters (mm)
unless stated
otherwise

**uit Protection**
**Devices:**
e refer to page
124

## FEATURES:

Our standard range of dual tariff consumer units provide dedicated segregation of on peak and off peak circuits.



AM2X6DT6U

## DUAL TARIFF CONSUMER UNITS

Contact factory for details on Surge Protection for your Dual Tariff Consumer Unit

- Available in bespoke configurations
- Suitable for Multi-Tariff installations
- Optional Surge Protection Device (SPD) fitted

| ON PEAK | OFF PEAK | WITHOUT SPD CAT. NO. | WITH SPD TYPE 2 CAT. NO. | H | W | D |
|---|---|---|---|---|---|---|
| 100A isolator 6 ways | 100A isolator 6 ways | **AM2X6DT6U** | **AM2X6DT6UT2** | 256 | 381 | 110 |
| 100A isolator 8 ways | 100A isolator 4 ways | **AM2X8DT4U** | **AM2X8DT4UT2** | 256 | 381 | 110 |
| 100A isolator 10 ways | 100A isolator 4 ways | **AM2X10DT4U** | **AM2X10DT4UT2** | 256 | 417 | 110 |
| 100A isolator 12 ways | 100A isolator 6 ways | **AM2X12DT6U** | **AM2X12DT6UT2** | 256 | 489 | 110 |

**For TYPE 1** lightning protection replace suffix T2 for T1

**For TYPE 2+3** overvoltage transient replace suffix T2 for T23



AM2XSLV6MUA

## SPLIT LOAD CONSUMER UNITS

Amendment 3 Metalclad Consumer Units Split Load

- Supplied with 1x 30mA RCDs, 1x 100A DP isolator and full complement of earth and neutral terminals along with marking labels, busbar and instructions
- Non-combustible enclosure

| O/G WAYS | ISOLATOR RATING | RCD 1 RATING* | WITHOUT SPD CAT. NO. | WITH SPD TYPE 2 CAT. NO. | H | W | D |
|---|---|---|---|---|---|---|---|
| 6 | 100A | 63A | **AM2XSLV6MUA** | **AM2XSLV6MUAT2** | 220 | 273 | 110 |
| 12 | 100A | 63A | **AM2XSLV12MUA** | **AM2XSLV12MUAT2** | 220 | 381 | 110 |

* - 30mA trip rating.

**For TYPE 1** lightning protection replace suffix T2 for T1

**For TYPE 2+3** overvoltage transient replace suffix T2 for T23

## FEATURES:

To compliment the M2 range of metalclad consumer units, a selection of spacer mounts are available for use where retrofitting to surface mount cables are necessary.

In addition, meter tail glands are available for providing Class II insulation protection for incoming supply cables.



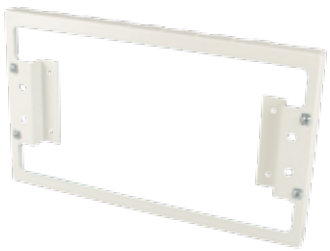
AM2GUA

## GARAGE & SHOWER UNITS

- Full steel door with fitted cam lock
- Amendment 3 compliant
- Non-combustible enclosure

| O/G WAYS | RCD 1 RATING* | MCB RATING | CAT. NO. | H | W | D |
|---|---|---|---|---|---|---|
| 2 | 40A | 6A + 16A | **AM2GUA** | 220 | 115 | 85 |
| 4 | 40A | 6A + 16A | **AM2GU4A** | 220 | 201 | 110 |
| 1 | 40A | 40A | **AM2SU95A** | 220 | 115 | 85 |
| 1 | 63A | 50A | **AM2SU115A** | 232 | 150 | 110 |

* - 30mA trip rating.



ASM16U

## CONSUMER UNIT SPACER MOUNTS

For 6 - 28 Module Metalclad Boards

| NO. of MODULES | BANKS | CAT. NO. | H | W | D |
|---|---|---|---|---|---|
| 6 | 1 | **ASM6U** | 220 | 201 | 30 |
| 10 | 1 | **ASM10U** | 220 | 273 | 30 |
| 12 | 1 | **ASM12U** | 220 | 309 | 30 |
| 16 | 1 | **ASM16U** | 220 | 381 | 30 |
| 18 | 1 | **ASM18U** | 220 | 417 | 30 |
| 22 | 1 | **ASM22U** | 220 | 489 | 30 |
| 28 | 1 | **ASM28U** | 220 | 597 | 30 |

For more information contact our sales office or see below.

| | SPACER MOUNT | | | | | | |
|---|---|---|---|---|---|---|---|
| CONSUMER UNIT | ASM6U | ASM10U | ASM12U | ASM16U | ASM18U | ASM22U | ASM28U |
| **ISOLATOR CONTROLLED** | 4 Way | 6 + 8 Way | 10 Way | 12/14 Way | 16 Way | 20 Way | 26 Way |
| **RCD CONTROLLED** | 4 Way | 6 + 8 Way | 10 Way | 12 Way | - | - | - |
| **DUAL RCD** | - | - | 6 Way | 10 Way | 12 Way | 16 Way | 22 Way |
| **HIGH INTEGRITY** | - | - | 6 Way | 10 Way | 12 Way | 16 Way | 22 Way |



MTGP40B

## METER TAIL GLAND PACKS

| DESCRIPTION | CAT. NO. | DIA |
|---|---|---|
| 2x 25mm / 1x 16mm M32 - brass | **MTGP32B** | 32 |
| 2x 25mm / 1x 16mm M40 - brass | **MTGP40B** | 40 |
| 2x 25mm / 1x 16mm M32 - plastic | **MTGP32P** | 32 |
| 2x 25mm / 1x 16mm M40 - plastic | **MTGP40P** | 40 |



AKL

## SAFETY ACCESSORIES

| DESCRIPTION | CAT. NO. |
|---|---|
| Key operated lock assembly | **AKL** |
| Intumescent putty pad (210mm x 148mm x 3mm) | **IP21X15** |

**Measurement**
Millimeters (mm unless stated otherwise

**Circuit Protec Devices:**
Please refer to 124

M2

**easurements:**
llimeters (mm)
unless stated
otherwise

**uit Protection Devices:**
e refer to page
124

## FEATURES:

Readily available from 1 to 23 usable ways, our isolator incomer consumer units allow the use of single module RCBO devices for individual circuit protection at 30mA, reducing the risk of nuisance tripping. Our ranges of isolator incomer consumer units are pre-fitted with a unique dual screw terminal double-pole mains isolator switch for an increased level of consumer safety, with ratings ranging from 45A – 100A. Our insulated enclosures are manufactured from light grey impact resistant and flame retardant thermoplastic.



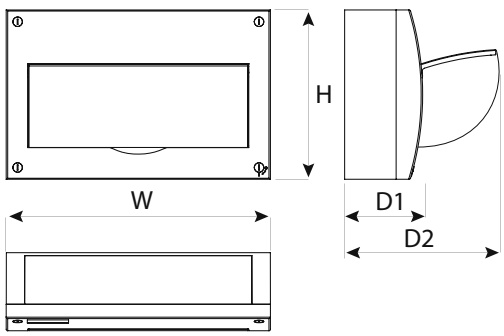
## ISOLATOR CONTROLLED CONSUMER UNITS

45A / 63A / 100A Double Pole Switch Disconnector Incomer Insulated Consumer Units

- Isolator controlled insulated consumer units, offering a range of outgoing circuits from 1 to 23
- Incoming Isolators fitted range from 45A to 100A
- Units will accept MCBs & RCBOs

**M2X10I**

| O/G WAYS | ISOLATOR RATING | NO. of MODULES | CAT. NO. | H | W | D1 | D2 |
|---|---|---|---|---|---|---|---|
| 1 | 45A | 4 | **M2X1I** | 230 | 116 | 110 | 220 |
| 2 | 63A | 4 | **M2X2I** | 230 | 116 | 110 | 220 |
| 3 | 63A | 6 | **M2X3I** | 230 | 152 | 110 | 220 |
| 4 | 100A | 6 | **M2X4I** | 230 | 152 | 110 | 220 |
| 8 | 100A | 12 | **M2X8I** | 230 | 285 | 110 | 220 |
| 10 | 100A | 12 | **M2X10I** | 230 | 285 | 110 | 220 |
| 14 | 100A | 18 | **M2X14I** | 230 | 390 | 110 | 220 |
| 16 | 100A | 18 | **M2X16I** | 230 | 390 | 110 | 220 |
| 21 | 100A | 25 | **M2X21I** | 230 | 511 | 110 | 220 |
| 23 | 100A | 25 | **M2X23I** | 230 | 511 | 110 | 220 |



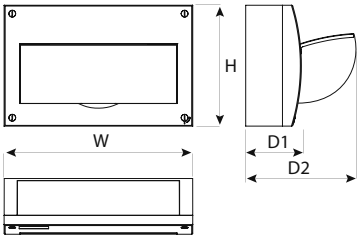
## FEATURES:

Readily available from 1 to 10 usable ways, our Type A RCD incomer consumer units are suitable for grouped circuit protection for a small number of circuits, typically installed in addition to a property's main consumer unit – applications such as garages, showers and small extensions. Our ranges of RCD incomer consumer units are pre-fitted with a 30mA RCD incomer, with ratings ranging from 40A – 100A.

**Measurement**
Millimeters (mm
unless stated
otherwise

**Circuit Protec
Devices:**
Please refer to
124

TYPE A RCD





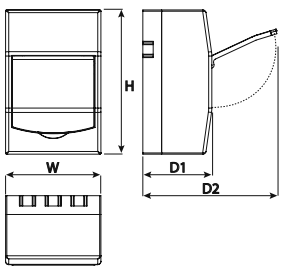

M2R808A

## RCD CONTROLLED CONSUMER UNITS

40A / 63A / 80A / 100A Type A 30mA RCD Incomer Metalclad Consumer Units

- RCD controlled insulated consumer units, offering a range of outgoing circuits from 1 to 10
- 40A / 63A / 100A 30mA DP RCD incomer
- Units will accept MCBs

| O/G WAYS | ISOLATOR RATING | NO. of MODULES | CAT. NO. | H | W | D1 | D2 |
|---|---|---|---|---|---|---|---|
| 2 | 40A | 4 | **M2R402A** | 230 | 116 | 110 | 220 |
| 2 | 63A | 4 | **M2R632A** | 230 | 116 | 110 | 220 |
| 4 | 63A | 6 | **M2R634A** | 230 | 152 | 110 | 220 |
| 8 | 63A | 12 | **M2R638A** | 230 | 285 | 110 | 220 |
| 4 | 80A | 6 | **M2R804A** | 230 | 152 | 110 | 220 |
| 8 | 80A | 12 | **M2R808A** | 230 | 285 | 110 | 220 |
| 10 | 80A | 12 | **M2R8010A** | 230 | 285 | 110 | 220 |
| 8 | 100A | 12 | **M2R1008A** | 230 | 285 | 110 | 220 |
| 10 | 100A | 12 | **M2R10010A** | 230 | 285 | 110 | 220 |






M2E18

## DIN RAIL ENCLOSURES

Build your own consumer unit or multi-purpose board. Simply clip on your required equipment to the DIN Rail and if necessary fit the Comb Busbar. Fitted with full DIN rail, Earth and Neutral terminal bars.

| NO. of MODULES | CAT. NO. | H | W | D1 | D2 |
|---|---|---|---|---|---|
| 4 | **M2E4** | 230 | 116 | 110 | 220 |
| 6 | **M2E6** | 230 | 152 | 110 | 220 |
| 12 | **M2E12** | 230 | 285 | 110 | 220 |
| 18 | **M2E18** | 230 | 390 | 110 | 220 |
| 25 | **M2E25** | 230 | 511 | 110 | 220 |

**easurements:**
limeters (mm)
unless stated
otherwise



## BLANKING PLATE

| DESCRIPTION | CAT. NO. |
|---|---|
| Blanking plate | **B1** |



## BLANKING MODULE

| DESCRIPTION | CAT. NO. |
|---|---|
| Blanking module | **BM1** |



## METAL BLANKING PLATE

| DESCRIPTION | CAT. NO. |
|---|---|
| 2 Module blanking plate | **MB2** |



## BUSBAR TERMINAL SHROUD

| DESCRIPTION | CAT. NO. |
|---|---|
| Busbar terminal shroud | **BBS1** |



**DLPX1P**

## LOCKING DEVICES

| DESCRIPTION | CAT. NO. |
|---|---|
| MCB Dolly locking device | **DLPX1** |
| MCB Dolly locking device c/w padlock | **DLPX1P** |



**CB19SP**

## INSULATED COMB BUSBARS SINGLE POLE

| DESCRIPTION | CAT. NO. |
|---|---|
| 19 Ways, single pole | **CB19SP** |
| 28 Ways, single pole | **CB28SP** |

80A max. 100A intermittent rating.



## END CAP

| DESCRIPTION | CAT. NO. |
|---|---|
| End Cap For DP/TP Insulated comb busbar | **CBC3** |

# CASE STUDY:

## EAST SUFFOLK COUNCIL
## M2 CONSUMER UNITS & WIRING ACCESSORIES



**East Suffolk Council selected M2 XS 18th Edition-compliant consumer units and M2 white moulded wiring accessories for their local housing specifications. Since specifying M2 Electrical, East Suffolk Council can now purchase their very own, branded Consumer Unit, a 10-way Surge Protected Dual RCD unit, complete with Miniature Circuit Breaker's and accompanying 16-module Spacer Mount.**

East Suffolk Council's previous supplier had a drop in quality and service levels, which prompted them to make a change. With approximately 5,000 properties to work on, the council had the opportunity to work with a British manufacturer offering a 25 year guarantee, based in Worcestershire. M2 Electrical were able to offer a more modern and stylish product than previously installed, which was the key selling point to the engineers.

**BESPOKE SOLUTION**

**25 YEAR GUARANTEE**

**TECHNICAL SUPPORT FROM MANUFACTURER**

**easurements:**
llimeters (mm)
unless stated
otherwise



M2B32

## MINIATURE CIRCUIT BREAKERS

| CURRENT RATING | 6 kA SP B CURVE CAT. NO. | 6 kA SP C CURVE CAT. NO. |
|---|---|---|
| 6A | M2B6 | M2C6 |
| 10A | M2B10 | M2C10 |
| 16A | M2B16 | M2C16 |
| 20A | M2B20 | M2C20 |
| 32A | M2B32 | M2C32 |
| 40A | M2B40 | M2C40 |
| 50A | M2B50 | M2C50 |
| 63A | M2B63 | M2C63 |



M26MBRSPA

## RESIDUAL CURRENT BREAKERS WITH OVERLOAD

| | TYPE AC | | TYPE A | |
|---|---|---|---|---|
| CURRENT RATING | 6 kA B CURVE CAT. NO. | 6 kA C CURVE CAT. NO. | 6 kA B CURVE CAT. NO. | 6 kA C CURVE CAT. NO. |
| 6A | M26MBRSP | M26MCRSP | M26MBRSPA | M26MCRSPA |
| 10A | M210MBRSP | M210MBCSP | M210MBRSPA | M210MBCSPA |
| 16A | M216MBRSP | M216MCRSP | M216MBRSPA | M216MCRSPA |
| 20A | M220MBRSP | M220MCRSP | M220MBRSPA | M220MCRSPA |
| 32A | M232MBRSP | M232MCRSP | M232MBRSPA | M232MCRSPA |
| 40A | M240MBRSP | M240MCRSP | M240MBRSPA | M240MCRSPA |
| 45A | M245MBRSP | - | M245MBRSPA | - |



M26MBRSPKA

## COMPACT RESIDUAL CURRENT BREAKERS WITH OVERLOAD

| | TYPE AC | | TYPE A | |
|---|---|---|---|---|
| CURRENT RATING | 6 kA B CURVE CAT. NO. | 6 kA C CURVE CAT. NO. | 6 kA B CURVE CAT. NO. | 6 kA C CURVE CAT. NO. |
| 6A | M26MBRSPK | M26MCRSPK | M26MBRSPKA | M26MCRSPKA |
| 10A | M210MBRSPK | M210MCRSPK | M210MBRSPKA | M210MCRSPKA |
| 16A | M216MBRSPK | M216MCRSPK | M216MBRSPKA | M216MCRSPKA |
| 20A | M220MBRSPK | M220MCRSPK | M220MBRSPKA | M220MCRSPKA |
| 32A | M232MBRSPK | M232MCRSPK | M232MBRSPKA | M232MCRSPKA |
| 40A | M240MBRSPK | M240MCRSPK | M240MBRSPKA | M240MCRSPKA |
| 45A | M245MBRSPK | M245MCRSPK | M245MBRSPKA | M245MCRSPKA |



M21BK10

## SINGLE MODULE RCBOs - DOUBLE POLE

| | TYPE A |
|---|---|
| CURRENT RATING | 6 kA B CURVE COMP. CAT. NO. |
| 6A | M21BK6 |
| 10A | M21BK10 |
| 16A | M21BK16 |
| 20A | M21BK20 |
| 32A | M21BK32 |
| 40A | M21BK40 |

**Measurement**
Millimeters (mm
unless stated
otherwise



M240230

## RESIDUAL CURRENT DEVICES 2 POLE

| CURRENT RATING | MAX. CABLE SIZE mm² | TYPE AC 30mA TYPE AC CAT. NO. | TYPE A 30mA TYPE A CAT. NO. |
|---|---|---|---|
| 32A | 50 | **M232230** | **-** |
| 40A | 50 | **M240230** | **M240230A** |
| 63A | 50 | **M263230** | **M263230A** |
| 80A | 50 | **M280230** | **M280230A** |
| 100A | 50 | **M2100230** | **M2100230A** |

Lower current rated DP RCD units are available in Type A on request.

**1. Patented**
Patented dual screw terminal design.

**2. Dual Screw Termination**
For increased safety and a superior connection.

**3. Circular Cross Section Terminal**
Added cabling capacity.

**4. Increased Terminal Length**
Greater connectivity ensuring cables are held far more securely.









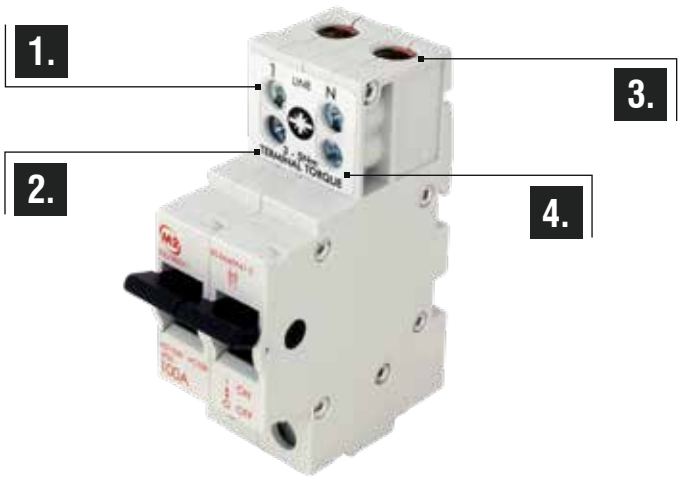
**GREATER CONNECTIVITY**

**PATENTED DESIGN**

## ISOLATORS

63A / 100A Dual Screw Mains Isolator Switch.

- Patented design
- Dual screw terminals specifically developed for incoming supply cables
- The circular cross section tunnel matches that of the conductor cable
- Extended terminal length for greater connectivity
- Accepts up to 35mm² meter tails
- IP20 rated



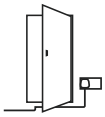

M2100H

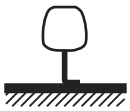
| CURRENT RATING | M2XS CAT. NO. |
|---|---|
| 63A | **M263H** |
| 100A | **M2100H** |

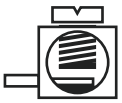
**easurements:**
llimeters (mm)
unless stated
otherwise

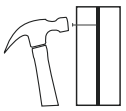
## WHAT IS AN ARC FAULT?

An arc-fault occurs when loose or corroded connections make intermittent contact and causes sparking or arcing between the connections. This translates into heat, which will break down the insulations of the wire and potentially trigger for an electrical fire. Such arc's can range in power and vary a great deal in strength and duration. Potential causes of arc faults could include:-

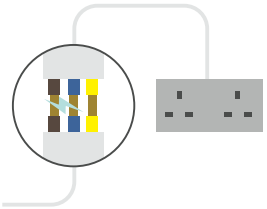

Trapped/damaged cables


Cable wear


Loose terminations

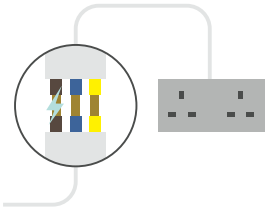

Damage caused by construction work

## PARALLEL ARC FAULT



**Parallel arc faults** are found with damage caused to insulation which allows current to flow between conductors, usually between phase and neutral.

## SERIES ARC FAULT



**Series arc faults** are found in loose terminal connections, damaged cords or frayed/ damaged conductors. These arc's are created in one conductor only, either phase or neutral.

## WHAT IS AN AFDD?

Arc Fault Detection Devices use digital electronics to analyse the waveform of an A.C. circuit to detect arc faults.

The device continuously monitors the circuit for different variations including the duration of an arc and the waveform. Once the device detects an irregular fault the device trips and disconnects the circuit, reducing the chance of it over heating and potentially causing an electrical fire.

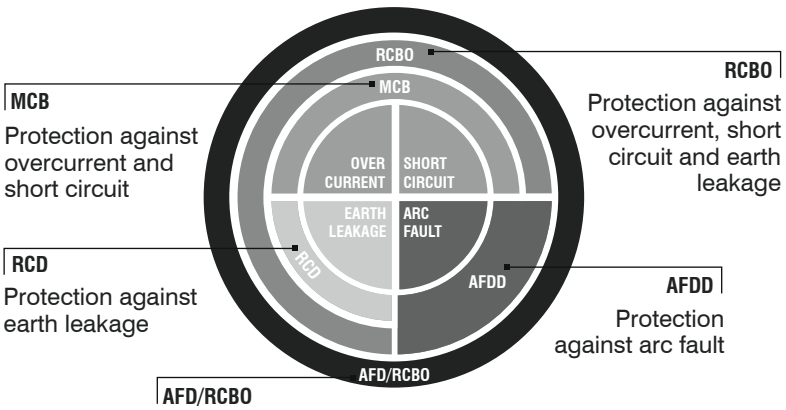
## WHAT IS AN AFR?

The M2 AFR is an arc fault detection device combined with short circuit, overload and earth leakage detection.

## COMPLETE CIRCUIT PROTECTION



**M2AFR06B1**




**Complete comprehensive circuit protection**

M2 offer a range of combined Arc Fault Detection (AFD) and Residual Current Circuit Breaker with Overload (RCBO) devices in B & C curve with Type A 30mA earth leakage.
The single module device is designed to fit single and three phase distribution boards without the need to modify the bus bar fixing.

- 6A-40A Rated
- Series and parallel arc fault detection
- 30mA earth leakage Type A
- B and C curve tripping characteristics
- Switched Live & Neutral
- Fits existing busbar system
- Self testing (AFDD function only)

| CURRENT RATING | KA RATING | B CURVE CAT. NO. | C CURVE CAT. NO. |
|---|---|---|---|
| 6A | 6 | **M2AFR06B1** | **M2AFR06C1** |
| 10A | 6 | **M2AFR10B1** | **M2AFR10C1** |
| 16A | 6 | **M2AFR16B1** | **M2AFR16C1** |
| 20A | 6 | **M2AFR20B1** | **M2AFR20C1** |
| 32A | 6 | **M2AFR32B1** | **M2AFR32C1** |
| 40A | 6 | **M2AFR40B1** | **M2AFR40C1** |

## COMBINED TYPE 1 + 2



### SINGLE PHASE TYPE 1 + 2 SPD

| SPD TYPE | NO. of POLES | SINGLE PHASE CAT. NO. |
|---|---|---|
| 1 + 2 | 2 | **M2SPD/T12** |

| | | SPD/T12 |
|---|---|---|
| Designation according to EN 61643-11 | | Type 1+2 |
| Nominal voltage AC 50-60 Hz | Un [V] | 230/- |
| Maximum continuous operating voltage (L-N) | Uc (L-N) [V] | 275 |
| Lightning impulse current (10/350) (L-N) | Iimp (L-N) [kA] | 12,5 |
| Lightning impulse current (10/350) (N-PE) | Iimp (N-PE) [kA] | 25 |
| Maximum discharge current (8/20) (L-N) | Imax (L-N) [kA] | 50 |
| Maximum discharge current (8/20) (N-PE) | Imax (N-PE) [kA] | 50 |
| Nominal discharge current (8/20) (L-N) | In (L-N) [kA] | 20 |
| Nominal discharge current (8/20) (N-PE) | In (N-PE) [kA] | 25 |
| Voltage protection level (L-N) at In | Up (L-N) [kV] | ≤1,3 |
| Maximum back-up fuse | A [gL] | 200 |
| Short circuit withstand | Icc [kA] | 25 |

## TYPE 2 & COMBINED TYPE 2 + 3





### SINGLE PHASE TYPE 2 SPD

| SPD TYPE | NO. of POLES | SINGLE PHASE CAT. NO. |
|---|---|---|
| 2 | 2 | **M2SPD/T2** |

### SINGLE PHASE TYPE 2 + 3 SPD

| SPD TYPE | NO. of POLES | SINGLE PHASE CAT. NO. |
|---|---|---|
| 2 + 3 | 2 | **M2SPD/T23** |

| | | SPD/T2 | SPD/T23 |
|---|---|---|---|
| Designation according to EN 61643-11 | | Type 2 | Type 2+3 |
| Nominal voltage AC 50-60 Hz | Un [V] | 230/- | 230/- |
| Maximum continuous operating voltage (L-N) | Uc (L-N) [V] | 275 | 275 |
| Maximum discharge current (8/20) (L-N) | Imax (L-N) [kA] | 40 | 15 |
| Nominal discharge current (8/20) (L-N) | In (L-N) [kA] | 20 | 5 |
| Voltage protection level (L-N) at In | Up (L-N) [kV] | ≤1,3 | ≤1,2 |
| Voltage protection level (N-PE) at In | Up (N-PE) [kV] | ≤1,5 | ≤1,5 |
| Maximum back-up fuse | A [gL] | 125 | 63 |
| Short circuit withstand | Icc [kA] | 25 | 10 |

## SPD'S IN INSULATED IP RATED ENCLOSURES

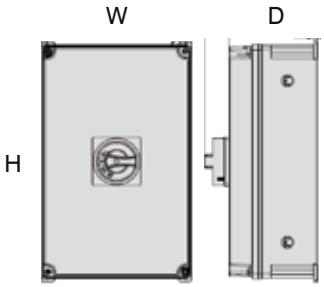


**SPD/T2E**

| SPD TYPE | IP RATING | CAT. NO. | H | W | D |
|---|---|---|---|---|---|
| 1 + 2 | IP65 | **M2SPD/T12E** | 150 | 100 | 100 |
| 2 | IP65 | **M2SPD/T2E** | 150 | 100 | 100 |
| 2 + 3 | IP65 | **M2SPD/T23E** | 150 | 100 | 100 |

**Measurement**
Millimeters (mm
unless stated
otherwise

**easurements:**
llimeters (mm)
unless stated
otherwise







M2323

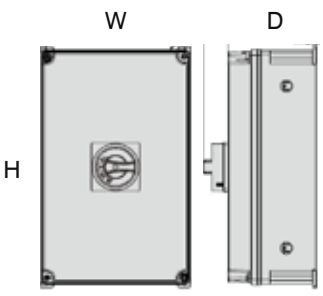
## 3 POLE IP67 ROTARY ISOLATORS

20A / 32A / 63A / 100A 3 Pole Rotary Isolator Switch IP67

- Modern design and manufacturing process
- IP67 ingress protection allows installation in the most severe conditions
- Dedicated LOCK OFF position
- In LOCK OFF position cover cannot be removed
- High switching capability
- Strong high impact resistance enclosure

For 500V & 690V ratings refer to datasheets

| CURRENT RATING AC23A 415 V | POWER AT 415 V (kW) | POWER AT 690 V (kW) | MAX. CABLE mm² | CAT. NO. | H | W | D |
|---|---|---|---|---|---|---|---|
| 20A | 11 | 15 | 10 | **M2203** | 160 | 105 | 127 |
| 32A | 18.5 | 15 | 10 | **M2323** | 160 | 105 | 127 |
| 63A | 37 | 37 | 35 | **M2633** | 210 | 135 | 127 |
| 100A | 55 | 55 | 35 | **M21003** | 329 | 205 | 154 |







M2634

## 4 POLE IP67 ROTARY ISOLATORS

20A / 32A / 63A / 100A 4 Pole Rotary Isolator Switch IP67

- Modern design and manufacturing process
- IP67 ingress protection allows installation in the most severe conditions
- Dedicated LOCK OFF position
- In LOCK OFF position cover cannot be removed
- High switching capability
- Strong high impact resistance enclosure

For 500V & 690V ratings refer to datasheets

| CURRENT RATING AC23A 415 V | POWER AT 415 V (kW) | POWER AT 690 V (kW) | MAX. CABLE mm² | CAT. NO. | H | W | D |
|---|---|---|---|---|---|---|---|
| 20A | 11 | 15 | 10 | **M2204** | 160 | 105 | 127 |
| 32A | 18.5 | 15 | 10 | **M2324** | 160 | 105 | 127 |
| 63A | 37 | 37 | 35 | **M2634** | 210 | 135 | 127 |
| 100A | 55 | 55 | 35 | **M21004** | 329 | 205 | 154 |

## ROTARY ISOLATORS
## FEATURES

- Modern design and manufacturing process
- IP67 ingress protection allows installation in the most severe conditions
- Dedicated LOCK OFF position
- In LOCK OFF position cover can not be removed
- High switching capability
- Strong high impact resistance enclosure



## GENERAL CHARACTERISTICS

| | |
|---|---|
| **STANDARD** | BSEN 60947 - 1 & 3. EN 60529 |
| **VOLTAGE RATING** | 690V ac maximum |
| **ENCLOSURE** | Glass fibre reinforced unsaturated polyester resin. High flame resistance and anti-carbonisation. (PC + ABS) |
| **HANDLE** | 2 Padlock positions in the LOCK OFF position. Padlock not supplied. |
| **IP RATING** | Enclosure - IP67 & switch terminal - IP20 |
| **IMPACT RESISTANCE** | IK08 |
| **POLLUTION DEGREE** | 3 |
| **OPERATING TEMPERATURE** | -25°C to 40°C |
| **FRONT COVER** | Screw fixed cover. 2 screws have sealing facility. Captive cover screws |
| **EQUIPMENT TYPE** | Fixed stationary |

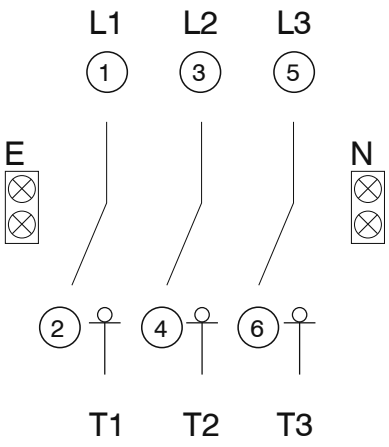
| DEVICE | RATING |
|---|---|
| 3 / 4 Pole switch disconnector | 20A, 32A, 63A or 100A |

Accessories. Ordered separately. 1 No & 1 NC. Part No.:
**M2A11**

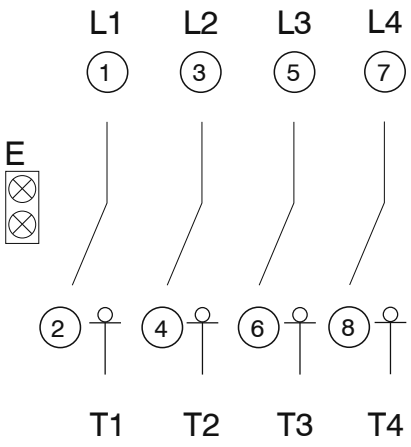
Auxiliary contact rating: AC-13 - 10A @ 230V ac. AC-15 - 6A @ 230V ac.

## SWITCH CONFIGURATION

### 3 POLE



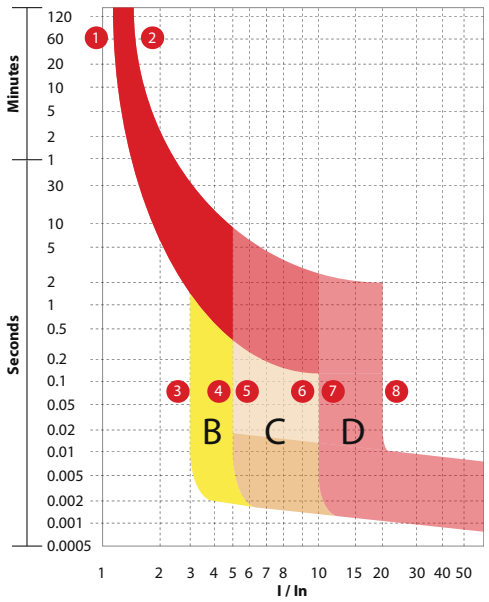

### 4 POLE



## MINIATURE CIRCUIT BREAKERS MCB TRIPPING CURVES

M2 MCBs are of thermo-magnetic, current limiting type and are available in a range of kA ratings (4.5kA up to 10kA) and operating characteristics (B, C and D Curve). A selection of SP (single pole), DP (double pole) and TP (triple pole) options are offered.

- All MCBs have a 'trip free mechanism'.
- Positive contact status indication in accordance with IEE wiring regulations.
- Tunnel design, touch proof and captive terminals.
- Can be used as isolating switches.
- Lockable in both ON and OFF state without affecting the ability of the trip mechanism to operate.




## GENERAL SPECIFICATION

| | |
|---|---|
| **STANDARDS:** | BSEN 60898 |
| **OPERATING VOLTAGE:** | 230 / 400V a.c. |
| **OPERATING FREQUENCY:** | 50Hz |
| **AMBIENT OPERATING TEMP.:** | -5°C to +40°C |
| **MAXIMUM TERMINAL TORQUE:** | 3Nm (2.5Nm advised) |
| **ENCLOSURE MATERIAL:** | Urea or V0 rated Polyamide (self extinguishing at 960°C) |
| **SUPPLY:** | Can be supplied from top or bottom. |
| **IP RATING:** | IP4X (front face) IP20 (terminals) |
| **DIELECTRIC VOLTAGE:** | 2500V a.c. |
| **INSULATION VOLTAGE:** | 500V a.c. |

| CURVE | INSTANTANEOUS TRIPPING RANGE | CIRCUIT APPLICATIONS |
|---|---|---|
| B | 3 - 5 | Used in domestic situations where maximum sensitivity is required and very little equipment with high start-up current is connected. |
| C | 5 - 10 | Suitable for commercial / industrial situations where close protection is not required and start up currents of devices can run upto 5 times rated current for a short period. Where many low voltage lights are used in a domestic situation then, due to the inrush currents of the transformers, C Curve MCBs may be required to avoid nuisance tripping. |
| D | 10 - 20 | Suitable for industrial application where start-up currents may be up to 10 times rated current, for example protection for machines with electric motors fitted, welding units etc. |

**1** Steady current value 1.13xIn: t>1hr
All MCBs are capable of carrying full load current continuously (derating factors apply for ambient conditions and no. of circuits within an enclosure).

**2** Steady current value 1.45xIn: t<1hr. As load current increases above current rating the thermal release mechanism will disconnect MCB.

**B-CURVE**

**3** 3xIn: 0.1sec<t<45sec (In<=32A)
3xIn: 0.1sec<t<90sec (In>32A)
MCB will trip within times specified.

**4** 5xIn: t<0.1sec
B-type MCB ensured to trip in less than 0.1sec via magnetic release.

**C-CURVE**

**5** 5xIn: 0.1sec<t<15sec (In<=32A)
5xIn: 0.1sec<t<30sec (In>32A)
MCB will trip within times specified.

**6** 10xIn: t<0.1sec
C-type MCB ensured to trip in less than 0.1sec via magnetic release.

**D-CURVE**

**7** 10xIn: 0.1sec<t<4sec (In<=32A)
10xIn: 0.1sec<t<8sec (In>32A)
MCB will trip within times specified.

**8** 20xIn: t<0.1sec
D-type MCB ensured to trip in less than 0.1sec via magnetic release.
t = Tripping time

## TERMINAL CAPACITIES

| RANGE OF MCBs | CAPACITY |
|---|---|
| MCBs | 25mm² (In and Out) |
| RCBOs | 25mm² (In) ; 10mm² (Out) |
| RCDs (<100A) | 35mm² (In and Out) |

| RANGE OF MCBs | CAPACITY |
|---|---|
| RCDs (100A) | 50mm² (In and Out) |
| Isolators | 35/50mm² (In and Out) |
| Earth and Neutral bars | 25mm² and 16mm² |

## SWITCHGEAR DERATING

Adjacent MCBs, RCBOs or MCB/RCD combinations should not be continuously loaded at, or approaching, their normal rated currents when mounted in enclosures. It is also good engineering practice to make provisions for adequate free air between devices.
Under these circumstances and, in common with other manufacturers, we recommend a diversity factor of 66% is applied to the MCB nominal rated current, especially if the MCB is expected to be loaded near to or at full rating for more than one hour.
Thermal issues should also be taken into consideration when choosing conductor size for the protected circuits.

## MCB INSTALLATION CURRENTS

Generally the MCBs detailed are not intended to provide close overload protection for motors. However they can be employed in conjunction with the customary motor overload current device as an alternative to the isolator/fuse combination. In this condition the MCB will protect the cable to the motor and the motor will be protected by its own protective device.
The tables A and B detailed below give recommendations on MCB selection for motor circuits, for C type only.
Note: The values of full load current and starting current will approximately be 10% higher at 380/220V ac than the figures stated for 400/230V motors. The figures given in table A for the starting current and its duration are intended to be used as a guide only. In practice the motor run up time will depend upon the type of drive and the loading of the motor when it is started. Consultation with the motor manufacturer should give an indication of the magnitude of the starting current and the duration. The selection of the most suitable circuit breaker can then be found from the time/current characteristics of the circuit breaker.

Table A: Recommended MCB current ratings for the protection of cables to single phase 230V a.c. motors.

| HORSE POWER (HP) | POWER | FLC | STARTING CURRENT | DURATION OF STARTING CURRENT | MCB CURRENT RATING |
|---|---|---|---|---|---|
| 0.25 | 0.18 kW | 1.5A | 10.5A | 3.0 sec | 10A |
| 0.50 | 0.37 kW | 3.0A | 21.0A | 3.0 sec | 10A |
| 0.75 | 0.55 kW | 5.0A | 35.0A | 3.0 sec | 16A |
| 1.00 | 0.75 kW | 5.5A | 38.5A | 3.1 sec | 20A |
| 1.50 | 1.12 kW | 8.5A | 59.5A | 3.15 sec | 32A |
| 2.00 | 1.50 kW | 10.5A | 73.5A | 3.2 sec | 50A |
| 3.00 | 2.25 kW | 15.5A | 108.0A | 3.3 sec | 50A |
| 4.00 | 3.00 kW | 20.0A | 140.0A | 3.4 sec | 63A |
| 5.00 | 3.80 kW | 24.0A | 168.0A | 3.5 sec | - |
| 6.00 | 4.50 kW | 28.0A | 196.0A | 3.6 sec | - |
| 7.00 | 5.20 kW | 32.0A | 224.0A | 3.7 sec | - |

## MCB INSTALLATION VOLTAGES B & C CURVE 1 POLE 230V AC

BS7671: 2008 requirements: Electrical installations (17th Edition of the IEE Wiring regulations) specifically identifies B and C Curve. Lower earth fault loop impedance's (Zs) are generally necessary for D Curve to achieve the operating times required by regulation 413-02-08. (Maximum Zs is calculated using the formula in the regulations and the characteristics of the circuit breaker). Where the requirement can not be achieved, use of the circuit breakers as overcurrent protective devices is not precluded, but the use of residual current circuit breakers (RCDs) to provide protection against indirect earth fault condition is implied. Establishment of the value of the earth fault loop impedance (Zs) at the design stage of installation will determine which type of circuit breaker should be used.

Maximum Earth fault loop impedance (ie Zs ohms) for circuits supplying socket outlets in accordance with BS7671 regulation 411.3.2 at 218.5V (230V x 0.95 Cmin).

At these levels of earth loop impedance, MCBs will provide disconnection times in accordance with BS7671 for circuits supplying socket outlets .

| DEVICE | STANDARD | 6A | 10A | 16A | 20A | 32A | 40A | 50A | 63A |
|---|---|---|---|---|---|---|---|---|---|
| Type B | BSEN 60898 | 7.43 | 4.46 | 2.79 | 2.23 | 1.39 | 1.11 | 0.89 | 0.71 |
| Type C | BSEN 60898 | 3.83 | 2.30 | 1.44 | 1.15 | 0.72 | 0.58 | 0.46 | 0.37 |

Table B: Recommended MCB current ratings for the protection of cables to three phase 400V a.c. motors.

| HORSE POWER (HP) | POWER | FLC | STARTING CURRENT | DURATION OF STARTING CURRENT | MCB CURRENT RATING | STARTING CURRENT | DURATION OF STARTING CURRENT | MCB CURRENT RATING |
|---|---|---|---|---|---|---|---|---|
| 0.25 | 0.18 | 0.5 | 3.5 | 3.0 | 6 | 1.75 | 9.0 | 6 |
| 0.50 | 0.37 | 0.9 | 6.3 | 3.0 | 6 | 3.15 | 9.1 | 6 |
| 0.75 | 0.55 | 1.3 | 9.1 | 3.0 | 6 | 4.59 | 9.2 | 6 |
| 1.00 | 0.75 | 1.9 | 13.3 | 3.1 | 6 | 6.6 | 9.3 | 6 |
| 1.50 | 1.12 | 2.5 | 17.5 | 3.15 | 10 | 8.7 | 9.5 | 10 |
| 2.00 | 1.50 | 3.4 | 23.8 | 3.2 | 10 | 11.9 | 9.6 | 10 |
| 3.00 | 2.25 | 4.8 | 33.6 | 3.3 | 16 | 16.8 | 10.0 | 16 |
| 4.00 | 3.00 | 6.4 | 44.8 | 3.4 | 20 | 22.4 | 10.3 | 20 |
| 5.00 | 3.80 | 7.8 | 54.6 | 3.5 | 20 | 27.3 | 10.7 | 20 |
| 6.00 | 4.50 | 9.0 | 63.0 | 3.6 | 20 | 31.5 | 11.0 | 20 |
| 7.00 | 5.20 | 10.3 | 72.1 | 3.7 | 32 | 36.0 | 11.3 | 20 |
| 7.50 | 5.60 | 11.6 | 81.2 | 3.75 | 32 | 40.6 | 11.5 | 32 |
| 10.00 | 7.50 | 14.4 | 100.8 | 4.0 | 40 | 50.4 | 12.3 | 40 |
| 12.50 | 9.30 | 17.3 | 121.1 | 4.25 | 40 | 60.5 | 13.2 | 40 |
| 15.00 | 11.00 | 21.1 | 148.0 | 4.5 | 63 | 73.8 | 14.0 | 50 |
| 20.00 | 15.00 | 28.0 | 196.0 | 5.0 | 63 | 93.0 | 15.7 | 63 |
| 25.00 | 18.50 | 35.0 | 245.0 | 5.5 | - | 122.0 | 17.3 | - |
| 7.00 | 5.20 | 32.0 | 224.0 | 3.7 | - | | | |

## RCBOs

Providing both overcurrent protection and earth leakage protection in a combined unit, M2 offers a range of RCBOs which will fit all M2 modular consumer units and B Curve 3-phase distribution boards.
RCBOs are available in a range of current ratings from 6A to 45A and with short circuit capacities (Ics) from 4.5kA up to 10kA.
RCBOs are offered in both B and C Curve tripping characteristics.
All single module RCBOs contain a switched live and solid neutral where as the double module unit offers both Live and Neutral switching.

Similar to our MCB technology all devices have a 'trip free mechanism' and positive contact status indication. Connection of load circuit cables is via tunnel design cable clamps with touch proof and captive terminal screws. Lockable in both ON and OFF position without affecting the ability of the trip mechanism to operate.
RCBOs allow earth fault protection to be restricted to individual circuits, thus ensuring that only the circuit with the fault is interrupted. (When groups of circuits are protected by an RCD, all circuits would be interrupted under a fault condition, which may cause unnecessary inconvenience).

## GENERAL SPECIFICATION

| | |
|---|---|
| **STANDARDS:** | BSEN 61009 |
| **OPERATING VOLTAGE:** | 230V a.c. |
| **EARTH LEAKAGE SENSITIVITY:** | 30mA |
| **SWITCHING:** | Single pole - L (switched) + N (solid) Double pole - L + N (switched) |
| **OPERATING FREQUENCY:** | 50Hz |
| **AMBIENT OPERATING TEMP:** | -5°C - +40°C |
| **MAXI. TERMINAL TORQUE:** | 2Nm |
| **ENCLOSURE MATERIAL:** | VO rated PBT (both self extinguishing at 960°C) |
| **SUPPLY CONNECTIONS:** | Consult specific product data sheet |
| **IP RATING:** | IP4X (front face); IP20 (terminals) |
| **DIELECTRIC VOLTAGE:** | 2500V a.c. |
| **INSULATION VOLTAGE:** | 500V a.c. |

## RCDs

M2 RCDs are available in a wide range of earth leakage sensitivities and current ratings to meet the majority of applications. Residual Current Devices (RCDs) come in both 2 pole and 4 pole options. M2 RCDs incorporate the latest in electronic earth leakage detection technology ensuring consistent reliable performance. With sufficient contact gap, switching of all Live and Neutral conductors and positive contact indication in accordance with the IEE wiring regulation these devices can be used for isolation purposes.
RCDs also incorporate 'trip free mechanism' technology and can be locked ON or OFF with suitable locking device (eg.DLPX1) without affecting the devices ability to offer protection under fault conditions.

General use RCDs for domestic single phase or light commercial three phase systems are required to be either Type AC or Type A. This type reference defines the nature of the earth leakage which the RCD is expected to detect and protect against.

**Type AC:** Tripping is ensured for residual sinusoidal alternating currents, whether suddenly applied or slowly rising.
Identified by the symbol: 
**Type A:** Tripping is ensured for residual sinusoidal alternating currents and residual pulsating direct currents, whether suddenly applied or slowly rising.
Identified by the symbol: 

## GENERAL SPECIFICATION

| | |
|---|---|
| **STANDARDS:** | BSEN 61008 |
| **OPERATING VOLTAGE:** | 2P-230V a.c. 4P-230/400V a.c. |
| **OPERATING FREQUENCY:** | 50Hz |
| **AMBIENT OPERATING TEMP:** | -5°C - +40°C |
| **MAXI. TERMINAL TORQUE:** | 2.5Nm |
| **ENCLOSURE MATERIAL:** | VO rated polyamide or PBT (both self extinguishing at 960°C) |

| | |
|---|---|
| **SUPPLY CONNECTIONS:** | Consult specific product data sheet |
| **IP RATING:** | IP4X (front face); IP20 (terminals) |
| **DIELECTRIC VOLTAGE:** | 2500V a.c. |
| **INSULATION VOLTAGE:** | 500V a.c. |

## SURGE PROTECTION DEVICES

Type 1 SPDs are key to providing necessary protection of the installation against the effects of lightning strikes entering the building. Type 1 SPDs are designed to carry partial lightning currents and are defined as being tested with a high energy 10/350$\mu$s (limp) wave shape.

These Type 1 SPDs must be installed on incoming services (e.g. mains power and data) when an external Lightning Protection System (LPS) is installed on a building. Where partial lightning currents can also flow due to a direct lightning strike on overhead supplies or externally mounted equipment, Type 1 SPDs should also be used. Combined Type 1 + Type 2 SPDs are installed at the origin of the supply to the building, normally within the main switchboard. If the installation being protected is already fitted with an SCPD of 250A or less then the SPD can be connected direct to the busbar otherwise ensure the device is adequately protected.

Type 2 SPDs in this modular form offer more general surge protection for equipment within the installation from sources of problematic electrical surges internal to the building (typically switching transients). If the installation being protected is already fitted with an SCPD of 250A or less then the SPD can be connected direct to the busbar otherwise ensure the device is adequately protected.

Their protection is limited by distance with a general protection zone of <10m. Equipment further away necessitate the installation of an additional Type 2 units in sub-distribution boards.

Type 2 and Type 3 SPDs are designed to discharge the induced surges created by lightning electromagnetic fields and also other transient surge events such as switching surges, supply faults etc. These devices are defined as being tested with a specific energy wave shape of 8/20$\mu$s (In) for Type 2 SPDs or a combination wave shapes for Type 3 SPDs. For many applications where the requirement is to provide surge protection only, Type 2 and Type 3 SPDs play a critical role in protecting electronic equipment.

Type 3 SPDs provide the primary 'fine protection' from surges, giving high sensitive equipment that added level of security. As a rule they should be installed as close as possible to the equipment being protected.



# ELECTRICAL WIRING ACCESSORIES

M2 wiring accessories, both stylish and practical for the modern home or commercial office. Suitable to replace traditional products but equally at home in contemporary settings.

Modular design enables the installer to provide solutions to suit exact customer requirements with maximum flexibility. Small details of providing screw head fixing covers and flushed in neons to enable easy cleaning separate the M2 range from others in the category.

Added to the full range of voice, data and media products M2 presents a comprehensive range for the modern living and the working environment.

## Section Content


| | |
|---|---|
| slimline | 28 |
| square | 40 |
| grid | 46 |
| metal | 54 |
| weatherproof | 58 |
| decorative | 62 |
| decorative screwless | 74 |
| ceiling | 86 |
| Technical Information | 88 |

# KEY FEATURES:

## M2 SLIMLINE RANGE WIRING ACCESSORIES

### FEATURES:

Developed through rigorous product testing and designed for the contemporary installation – M2 slimline wiring accessories. Featuring new products to enhance the user experience such as, faster charging USB sockets and the brand new M2 grid range to offer endless flexibility. Ideal for the domestic and commercial application M2 slimline has been launched with the future in mind, for both product and packaging. Our polybags and cardboard inner cartons are made from recycled content and we encourage you to recycle them after use.




### RECYCLED PACKAGING

The packaging has been carefully selected throughout the development stages of this range to ensure we minimise our impact on the environment. Both the polybag and the inner cardboard carton are manufactured from recycled content and after use can now be recycled.





## HIGH GLOSS CURVED PROFILE

Manufactured from urea formaldehyde with antimicrobial properties in a stylish high gloss curved profile. Fully tested & certified & supplied with screw cap covers to maximise the overall aesthetics once installed.

## GRID & EURO MODULES

Complimented by a range of grid, euro, switch modules & plates for ultimate flexibility.



MADE FROM RECYCLED MATERIAL

PLEASE RECYCLE

LDPE BAG & CARTON



HIGH GLOSS CURVED PROFILE



ANTIMICROBIAL PROPERTIES




FAST CHARGING USB SOCKETS



FULLY TESTED & CERTIFIED

## COMPLIMENTED BY THE M2 GRID RANGE



# 10AX SWITCHES



**Measurements:**
Millimetres (mm) unless stated otherwise

**Surface mount box:**
19 mm

**Flush mount box:**
16 mm



## 10AX LIGHT SWITCHES

1010-003

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 1 Gang 1 way light switch | **1010-001** | 86 | 86 |
| 1 Gang 2 way light switch | **1010-002** | 86 | 86 |
| 2 Gang 2 way light switch | **1010-003** | 86 | 86 |
| 3 Gang 2 way light switch | **1010-004** | 86 | 86 |



## 10AX LIGHT SWITCHES

1010-005

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 4 Gang 2 way light switch | **1010-005** | 86 | 146 |
| 6 Gang 2 way light switch | **1010-006** | 86 | 146 |



## 10A INTERMEDIATE SWITCH

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 1 Gang intermediate switch | **1010-007** | 86 | 86 |

**2 WAY**



## 10A RETRACTIVE SWITCH

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 1 Gang 2 way retractive switch | **1010-008** | 86 | 86 |

**Measurements:** Millimetres (mm) unless stated otherwise



1010-011

## TRIPLE POLE SWITCHES

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 10A TP fan isolator | **1010-011** | 86 | 86 |
| 10A TP swicth | **1010-012** | 86 | 86 |



## 10A KEY CARD SWITCH

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 10A Key card switch | **1010-013** | 86 | 86 |



1010-057EL

## 20A DP KEY SWITCHES

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 20A DP | **1010-057** | 86 | 86 |
| 20A DP printed 'EMG LTG TEST' | **1010-057EL** | 86 | 86 |



1010-022

## LEADING EDGE LED DIMMERS

| DESCRIPTION | WATT | CAT. NO. | H | W |
|---|---|---|---|---|
| 1 Gang leading edge dimmer | 40-400W (3-150W) | **1010-021** | 86 | 86 |
| 2 Gang leading edge dimmer | 40-400W (3-150W) | **1010-022** | 86 | 86 |
| 3 Gang leading edge dimmer | 40-400W (3-150W) | **1010-023** | 86 | 146 |
| 4 Gang leading edge dimmer | 40-400W (3-150W) | **1010-024** | 86 | 146 |

Flush mount box depth: 25 mm  Surface mount box depth: 29 mm.



1010-026

## INTELLIGENT DIMMERS

| DESCRIPTION | WATT | CAT. NO. | H | W |
|---|---|---|---|---|
| 1 Gang intelligent dimmer | 40-400W (5-150W) | **1010-025** | 86 | 86 |
| 2 Gang intelligent dimmer | 40-400W (5-150W) | **1010-026** | 86 | 86 |
| 3 Gang intelligent dimmer | 40-400W (5-150W) | **1010-027** | 86 | 146 |
| 4 Gang intelligent dimmer | 40-400W (5-150W) | **1010-028** | 86 | 146 |

Flush mount box depth: 25 mm  Surface mount box depth: 29 mm.



1010-223

## UNFURNISHED DIMMER KITS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 1 Gang unfurnished kits | **1010-221** | 86 | 86 |
| 2 Gang unfurnished kits | **1010-222** | 86 | 86 |
| 3 Gang unfurnished kits | **1010-223** | 86 | 146 |
| 4 Gang unfurnished kits | **1010-224** | 86 | 146 |

Flush mount box depth: 25mm  Surface mount box depth: 29mm.

**Measurements:**
Millimetres (mm) unless stated otherwise

**Surface mount box:**
29mm

**Flush mount box:**
25mm



## UNSWITCHED SOCKET

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 13A 1 Gang unswitched | **1010-100** | 86 | 86 |



## UNSWITCHED SOCKET

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 13A 2 Gang unswitched | **1010-101** | 86 | 146 |



## SWITCHED SOCKETS 1010-103

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 13A 1 Gang switched - SP | **1010-102** | 86 | 86 |
| 13A 1 Gang switched - DP | **1010-103** | 86 | 86 |



## SWITCHED SOCKETS 1010-104

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 13A 2 Gang switched - SP | **1010-104** | 86 | 146 |
| 13A 2 Gang switched - DP | **1010-105** | 86 | 146 |

**5A**



## 5A UNSWITCHED SOCKET

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 5A 1 Gang | **1010-109** | 86 | 86 |

**30mA** **PASSIVE**



## RCD PROTECTED

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 13A Switched RCD socket | **1010-120** | 86 | 146 |

**TYPE A&C**



1010-904

## USB SWITCHED SOCKET OUTLETS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 13A 1 Gang 2.1A Type A&C USB | **1010-902** | 86 | 86 |
| 13A 2 Gang 3.1A Type A&C USB | **1010-904** | 86 | 146 |

**2X TYPE A**



1010-914

## USB SWITCHED SOCKET OUTLETS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 13A 2 Gang 3.1A Type A USB | **1010-914** | 86 | 146 |
| 13A 2 Gang 4.8A Type A USB | **1010-915** | 86 | 146 |

**Measurements:**
Millimetres (mm) unless stated otherwise

**Surface mount box:**
29mm

**Flush mount box:**
25mm

**QC 30W** **PD 33W** **TYPE A&C**



## USB SWITCHED SOCKET OUTLETS

13A 2 Gang Switched Socket + Dual USB Type A&C Charger Outlets

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 13A 2 Gang Dual USB Type A&C QC 30W/PD 33W USB | **1010-916** | 86 | 146 |

**DUAL VOLTAGE**





## SHAVER OUTLET

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Dual voltage 20VA 230V / 115V | **1010-110** | 146 | 86 |

Surface mount box: 47mm Flush mount box: 47mm

**KEY LOCKABLE**



## KEY LOCKABLE SOCKET

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 13A DP neon | **1010-121** | 86 | 146 |

**Measurements:**
Millimetres (mm) unless stated otherwise

**Surface mount box:**
29mm

**Flush mount box:**
25mm



## UNSWITCHED FUSED SPUR

1010-040

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 13A Unswitched spur | **1010-040** | 86 | 86 |
| 13A Unswitched spur flex outlet | **1010-042** | 86 | 86 |



## UNSWITCHED FUSED SPUR NEON

1010-043

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 13A Unswitched spur neon | **1010-041** | 86 | 86 |
| 13A Unswitched spur neon flex outlet | **1010-043** | 86 | 86 |



1010-046

## SWITCHED FUSED SPUR

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 13A Spur | **1010-044** | 86 | 86 |
| 13A Spur flex outlet | **1010-046** | 86 | 86 |



1010-045

## SWITCHED FUSED SPUR NEON

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 13A Spur neon | **1010-045** | 86 | 86 |
| 13A Spur neon flex outlet | **1010-047** | 86 | 86 |



## RCD PROTECTED SPUR

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 13A Unswitched RCD socket<br>30mA Passive | **1010-049** | 86 | 86 |



## FLEX OUTLET

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 20A Flex outlet | **1010-055** | 86 | 86 |

KEY LOCKABLE



## KEY LOCKABLE SWITCH

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 20A DP Key lockable switch | **1010-060** | 86 | 86 |

**Measurements:**
Millimetres (mm) unless stated otherwise

**Surface mount box:**
29mm

**Flush mount box:**
25mm



## 20A DP SWITCH

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 20A DP switch | **1010-050** | 86 | 86 |



## 20A DP SWITCH NEON

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 20A DP switch neon | **1010-051** | 86 | 86 |



## COOKER CONNECTION UNIT

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 45A Cooker connection unit | **1010-210** | 86 | 146 |

RED ROCKER



1010-201

## 1 GANG DP SWITCHES

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 45A DP switch | **1010-200** | 86 | 86 |
| 45A DP switch neon | **1010-201** | 86 | 86 |

RED ROCKER



1010-202

## 2 GANG DP SWITCHES

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 45A DP switch | **1010-202** | 146 | 86 |
| 45A DP switch neon | **1010-203** | 146 | 86 |

RED ROCKER



1010-205

## COOKER CONTROL UNITS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 45A DP switch | **1010-204** | 86 | 146 |
| 45A DP switch neon | **1010-205** | 86 | 146 |

WHITE ROCKER



1010-401

## 1 GANG DP SWITCHES

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 45A DP switch | **1010-400** | 86 | 86 |
| 45A DP switch neon | **1010-401** | 86 | 86 |

WHITE ROCKER



1010-402

## 2 GANG DP SWITCHES

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 45A DP switch | **1010-402** | 146 | 86 |
| 45A DP switch neon | **1010-403** | 146 | 86 |

WHITE ROCKER



1010-405

## COOKER CONTROL UNITS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 45A DP switch | **1010-404** | 86 | 146 |
| 45A DP switch neon | **1010-405** | 86 | 146 |

**Measurements:**
Millimetres (mm) unless stated otherwise

**Surface mount box:**
29mm

**Flush mount box:**
25mm



## COAXIAL

| CAT. NO. | H | W |
|---|---|---|
| 1010-300 | 86 | 86 |



## TWIN COAX

| CAT. NO. | H | W |
|---|---|---|
| 1010-301 | 86 | 86 |



## SATELLITE

| CAT. NO. | H | W |
|---|---|---|
| 1010-302 | 86 | 86 |



## COAXIAL/SATELLITE

| CAT. NO. | H | W |
|---|---|---|
| 1010-303 | 86 | 86 |



## MASTER TELEPHONE

| CAT. NO. | H | W |
|---|---|---|
| 1010-304 | 86 | 86 |



## SECONDARY TELEPHONE

| CAT. NO. | H | W |
|---|---|---|
| 1010-305 | 86 | 86 |



## DATA CAT 5E

| CAT. NO. | H | W |
|---|---|---|
| 1010-306 | 86 | 86 |



## TWIN DATA CAT 5E

| CAT. NO. | H | W |
|---|---|---|
| 1010-307 | 86 | 86 |



## DATA CAT 6

| CAT. NO. | H | W |
|---|---|---|
| 1010-308 | 86 | 86 |



## TWIN DATA CAT 6

| CAT. NO. | H | W |
|---|---|---|
| 1010-309 | 86 | 86 |



## RJ11

| CAT. NO. | H | W |
|---|---|---|
| 1010-310 | 86 | 86 |



## ISOLATED COAX

| CAT. NO. | H | W |
|---|---|---|
| 1010-312 | 86 | 86 |



1010-070

## 1 GANG PATTRESS BOXES

| CAT. NO. | H | W | D |
|---|---|---|---|
| **1010-070** | 86 | 86 | 16 |
| **1010-071** | 86 | 86 | 25 |
| **1010-072** | 86 | 86 | 35 |
| **1010-073** | 86 | 86 | 47 |



1010-074

## 2 GANG PATTRESS BOXES

| CAT. NO. | H | W | D |
|---|---|---|---|
| **1010-074** | 86 | 146 | 25 |
| **1010-075** | 86 | 146 | 35 |
| **1010-076** | 86 | 146 | 47 |
| **1010-077** Dual Box | 86 | 173 | 25 |



## BLANK PLATES 1010-030

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 1 Gang | **1010-030** | 86 | 86 |
| 2 Gang | **1010-031** | 86 | 146 |



## EURO MOD PLATES 1010-320

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 1G 1 module | **1010-320** | 86 | 86 |
| 1G 2 module | **1010-321** | 86 | 86 |
| 2G 4 module | **1010-322** | 86 | 146 |

Suitable for M2 euro modules.



## APERTURE PLATES 1010-080

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 1G 1 aperture | **1010-080** | 86 | 86 |
| 1G 2 aperture | **1010-081** | 86 | 86 |
| 1G 3 aperture | **1010-082** | 86 | 86 |
| 2G 4 aperture | **1010-084** | 86 | 146 |
| 2G 6 aperture | **1010-085** | 86 | 146 |

Suitable for M2 switch modules.



1010-351

## 1 & 2 GANG GRID PLATES

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 1G 1 grid mod | **1010-350** | 86 | 86 |
| 1G 2 grid mods | **1010-351** | 86 | 86 |

Grid frame sold separately: 3011-359



1010-353

## 3 & 4 GANG GRID PLATES

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 2G 3 grid mod | **1010-352** | 86 | 146 |
| 2G 4 grid mods | **1010-353** | 86 | 146 |

Grid frame sold separately: 3011-360



1010-355

## 6 & 8 GANG GRID PLATES

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 6 grid mod | **1010-354** | 146 | 146 |
| 8 grid mods | **1010-355** | 146 | 146 |

Grid frame sold separately: 3011-360



1010-356

## 9 &12 GANG GRID PLATES

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 9 grid mod | **1010-356** | 206 | 146 |
| 12 grid mods | **1010-357** | 206 | 146 |

Grid frame sold separately: 3011-360

**Measurements:**
Millimetres (mm) unless stated otherwise

**Surface mount box:**
29mm

**Flush mount box:**
25mm

**For grid & euro modules**
please see page 22

**For switch modules**
please see page 14

**Measurements:**
Millimetres (mm) unless stated otherwise



## 1 WAY LIGHT SWITCH

| DESCRIPTION | CAT. NO. | H | W | D |
|---|---|---|---|---|
| 10A 1 Way | **1011-001** | 60 | 16 | 25 |



## 2 WAY LIGHT SWITCH

| DESCRIPTION | CAT. NO. | H | W | D |
|---|---|---|---|---|
| 10A 2 Way | **1011-002** | 60 | 16 | 25 |



## INTERMEDIATE SWITCH

| DESCRIPTION | CAT. NO. | H | W | D |
|---|---|---|---|---|
| 10A Intermediate | **1011-007** | 60 | 16 | 25 |



## RETRACTIVE SWITCH

| DESCRIPTION | CAT. NO. | H | W | D |
|---|---|---|---|---|
| 10A 2 Way | **1011-008** | 60 | 16 | 25 |




**1011-057EL**

## 1 WAY KEY SWITCHES

| DESCRIPTION | CAT. NO. | H | W | D |
|---|---|---|---|---|
| 10A DP | **1011-057** | 60 | 16 | 22 |
| 10A EMG LTG | **1011-057EL** | 60 | 16 | 22 |



## 2 WAY KEY SWITCH **1011-058**

| DESCRIPTION | CAT. NO. | H | W | D |
|---|---|---|---|---|
| 10A DP | **1011-058** | 60 | 16 | 22 |

## 13A DP SWITCHES

| PRINTED | CAT. NO. |
|---|---|
| - | **1011-050** |
| Boiler | **1011-050BL** |
| Dish Washer | **1011-050DW** |
| Cooker Hood | **1011-050CH** |
| Fan | **1011-050FN** |
| Fridge Freezer | **1011-050FF** |
| Fridge | **1011-050FD** |
| Freezer | **1011-050FZ** |
| Heater | **1011-050HR** |
| Hob | **1011-050HB** |
| Hob Ignition | **1011-050HI** |
| Hot Tap | **1011-050HT** |
| Lights | **1011-050LT** |
| Microwave | **1011-050MW** |
| Oven | **1011-050OV** |
| Tumble Dryer | **1011-050TD** |
| Waste Disposal | **1011-050WD** |
| Water Heater | **1011-050WH** |
| Wine Cooler | **1011-050WC** |
| Warming Drawer | **1011-050WR** |
| Washing Machine | **1011-050WM** |




**1011-050DW**




**1011-050CH**




**1011-050HT**




**1011-050HR**




**1011-050WR**




**1011-050WC**

# NOTES

# KEY FEATURES:

## M2 SQUARE RANGE WIRING ACCESSORIES




### FEATURES:

A comprehensive & competitive range of square edged white moulded wiring accessories for the domestic, retail & commercial sectors. Modular construction light switches allow 'on site flexibility'. Matching modular plates to extend the range to include International power, Data & Media.



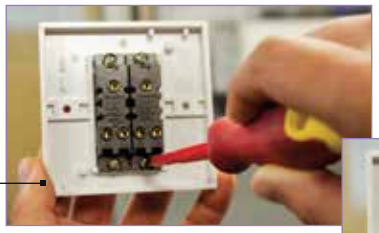

### RECYCLED PACKAGING

The packaging has been carefully selected throughout the development stages of this range to ensure we minimise our impact on the environment. Both the polybag and the inner cardboard carton are manufactured from recycled content and after use can now be recycled.

# SQUARE FEATURES

Modular design of
- 1 - way
- 2 - way
- Intermediate

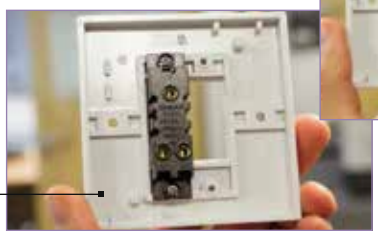
switches allow for on site flexibility.



**1.** **Remove Screw From Desired Module**



**Slot Intermediate Module into Position & Fix** **3.**



**2.** **Remove Module**

**Material**
- Thermoset Urea faceplates
- Traditional square edge
- High gloss finish
- Flat fronted to ensure correct plug seating

**High impact resistant**
- Designed to be resilient
- Scratch resistant
- Guaranteed to stand the test of time

**Switches**
- Easy switch action
- Modular format for greater flexibility
- Colour matched rocker switches on 45A range

**Power indication**
- Neon indicators available
- Crescent rocker marking




NEON INDICATORS



MODULAR SWITCHES



DUAL EARTH

## OFFERING A COMPREHENSIVE RANGE



**Measurements:**
Millimetres (mm) unless stated otherwise

**Flush mount box:**
16mm, unless stated otherwise

WHITE MOULDED

16mm BACK BOX

## 2 WAY LIGHT SWITCHES

A Comprehensive & Competitive Range of Square Edged White Moulded Wiring Accessories.

- Traditional square edge face plate and rocker
- Switch modules interchangeable
- Compliant to relevant British Standards
- Ideal for domestic/commercial use



2010-003

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 1 Gang | **2010-002** | 86 | 86 |
| 2 Gang | **2010-003** | 86 | 86 |
| 3 Gang | **2010-004** | 86 | 86 |
| 4 Gang | **2010-005** | 86 | 146 |
| 6 Gang | **2010-006** | 86 | 146 |



## 1 WAY LIGHT SWITCH

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 1 Gang | **2010-001** | 86 | 86 |



## INTERMEDIATE LIGHT SWITCH

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 1 Gang | **2010-007** | 86 | 86 |



## RETRACTIVE SWITCH

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 6A 1 gang | **2010-008** | 86 | 86 |




2010-012

## 6A TRIPLE POLE SWITCHES

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 6A TP switch fan isolator | **2010-011** | 86 | 86 |
| 6A TP switch | **2010-012** | 86 | 86 |

Surface mount box: 19mm.

40-400W (3-150W)



## LEADING EDGE LED DIMMERS

2010-022

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 1 Gang | **2010-021** | 86 | 86 |
| 2 Gang | **2010-022** | 86 | 86 |
| 3 Gang | **2010-023** | 86 | 146 |
| 4 Gang | **2010-024** | 86 | 146 |

40-400W (5-150W)



## TRAILING EDGE LED DIMMERS

1010-025

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 1 Gang | **2010-025** | 86 | 86 |



## UNFURNISHED DIMMER KITS

2010-222

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 1 Gang | **2010-221** | 86 | 86 |
| 2 Gang | **2010-222** | 86 | 86 |
| 3 Gang | **2010-223** | 86 | 146 |
| 4 Gang | **2010-224** | 86 | 146 |

Flush mount box depth: 25mm  Surface mount box depth: 29mm.

**Measurements:**
Millimetres (mm) unless stated otherwise

**Surface mount box:**
29mm

**Flush mount box:**
25mm



## SWITCHED SOCKET OUTLETS

13A Single & Double Pole Switched Socket White

- Switches centrally positioned
- Traditional square edge face plate
- Dual earth terminals

2010-104

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 13A 1 Gang switched socket - SP | **2010-102** | 86 | 86 |
| 13A 2 Gang switched socket - SP | **2010-104** | 86 | 146 |
| 13A 2 Gang switched socket - DP | **2010-105** | 86 | 146 |



## UNSWITCHED SOCKET OUTLETS

2010-100

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 13A 1 Gang socket outlet | **2010-100** | 86 | 86 |
| 13A 2 Gang socket outlet | **2010-101** | 86 | 146 |
| 5A 1 Gang socket outlet | **2010-109** | 86 | 86 |

SINGLE POLE



## CONTRACT SOCKET OUTLET

2010-112

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 13A 2 Gang socket outlet | **2010-112** | 86 | 146 |

TYPE A & TYPE C

DUAL PORT

3.1A CHARGE SHARED



## USB SWITCHED SOCKET OUTLET

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 13A 2 Gang switched socket outlet | **2010-904** | 86 | 146 |

Mount box depth: 35mm.

TYPE A USB

DUAL PORT

3.1A CHARGE SHARED



## USB SWITCHED SOCKET OUTLETS

2010-914

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 13A 1 Gang switched socket 2.1A | **2010-912** | 86 | 86 |
| 13A 2 Gang switched socket 3.1A | **2010-914** | 86 | 146 |

Flush mount box depth: 35mm. Surface mount box depth: 29mm.

DUAL VOLTAGE




## DUAL SHAVER SOCKET OUTLET

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Shaver Socket | **2010-110** | 146 | 86 |

Flush mount box depth: 47mm
Surface mount box depth: 47mm.

# DOUBLE POLE SWITCHES & CONNECTION UNITS



**Measurements:**
Millimetres (mm) unless stated otherwise

**Surface mount box:**
29mm

**Flush mount box:**
25mm




2010-201

## 45A DOUBLE POLE SWITCHES

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 1 Gang 45A switch | **2010-200** | 86 | 86 |
| 1 Gang 45A switch c/w neon | **2010-201** | 86 | 86 |
| 2 Gang 45A switch | **2010-202** | 146 | 86 |
| 2 Gang 45A switch c/w neon | **2010-203** | 146 | 86 |




2010-204

## COOKER PANELS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 45A Cooker control unit | **2010-204** | 86 | 146 |
| 45A Cooker control unit neon | **2010-205** | 86 | 146 |
| 45A cooker connection unit<br>Flush mount box depth: 47mm<br>Surface mount box depth: 47mm. | **2010-210** | 86 | 86 |



2010-046

## 13A FUSED CONNECTION UNITS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 13A Unswitched | **2010-042** | 86 | 86 |
| 13A Unswitched neon | **2010-043** | 86 | 86 |
| 13A Switched | **2010-046** | 86 | 86 |
| 13A Switched neon | **2010-047** | 86 | 86 |

Bottom edge flex outlet complete with clamps and 13A cartridge fuse to BS 1362 as standard.



2010-051

## 20A SWITCHES

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 20A DP switch | **2010-050** | 86 | 86 |
| 20A DP switch neon | **2010-051** | 86 | 86 |
| 20A Flex outlet plate | **2010-055** | 86 | 86 |
| 20A Sink/bath switch | **2010-056** | 86 | 86 |

Bottom edge flex outlet complete with clamps.



2010-300

## COAXIAL & SATELLITE

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 1 Gang coax | **2010-300** | 86 | 86 |
| 1 Gang satellite | **2010-302** | 86 | 86 |
| Coax & satellite | **2010-303** | 86 | 86 |

Flush mount box depth: 25mm | Surface mount box depth: 29mm.



2010-300

## TELEPHONE SOCKETS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Master | **2010-304** | 86 | 86 |
| Secondary | **2010-305** | 86 | 86 |



## RJ11 SOCKET

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 1 Gang RJ11 | **2010-310** | 86 | 86 |

Flush mount box depth: 25mm
Surface mount box depth: 29 mm.



2010-030

## BLANK PLATES

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 1 Gang | **2010-030** | 86 | 86 |
| 2 Gang | **2010-031** | 86 | 146 |



2010-321

## EURO MOD PLATES

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 1G 1 module | **2010-320** | 86 | 86 |
| 1G 2 modules | **2010-321** | 86 | 86 |

Suitable for M2 euro modules.



2010-322

## EURO MOD PLATES

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 2G 4 modules | **2010-322** | 86 | 146 |

Suitable for M2 euro modules.



2010-070

## 1 GANG PATTRESS BOXES

| CAT. NO. | H | W | D |
|---|---|---|---|
| **2010-070** | 86 | 86 | 16 |
| **2010-071** | 86 | 86 | 25 |
| **2010-072** | 86 | 86 | 35 |
| **2010-073** | 86 | 86 | 47 |



2010-076

## 2 GANG PATTRESS BOXES

| CAT. NO. | H | W | D |
|---|---|---|---|
| **2010-074** | 86 | 146 | 25 |
| **2010-075** | 86 | 146 | 35 |
| **2010-076** | 86 | 146 | 47 |



## 2 GANG DUAL PATTRESS BOX

| CAT. NO. | H | W | D |
|---|---|---|---|
| **2010-077** | 86 | 146 | 25 |

**Measurements:**
Millimetres (mm) unless stated otherwise

**Surface mount box:**
29mm

**Flush mount box:**
25mm

**For euro modules**
please see page 28

# KEY FEATURES:

## M2 GRID RANGE WIRING ACCESSORIES

### FEATURES:

A traditional grid system incorporating mounting frames, modular face plates and modules. Face plates available from 1-12 gang to enable multiple switching applications. A full range of modules are available for both commercial & domestic applications in the M2 slimline and metal ranges.

- Fixed locations for modules
- Up to 12 gang
- Full range of modules available
- 20A Rated modules
- New products added

25 YEAR GUARANTEE



### UP TO 12 GANG

Face plates available from 1-12 gang to enable multiple switching applications.





### RECYCLED PACKAGING

The packaging has been carefully selected throughout the development stages of this range to ensure we minimise our impact on the environment. Both the polybag and the inner cardboard carton are manufactured from recycled content and after use can now be recycled.



**SUITABLE FOR:**
1 Gang size faceplates for 1 and 2 modules

## GRID FRAME

| DESCRIPTION | CAT. NO. | H | W | D |
|---|---|---|---|---|
| 1 & 2 Gang | **3011-359** | 68 | 80 | 14 |

**Standard:** BS 5733.



## GRID FLUSH BACK BOX

| DESCRIPTION | CAT. NO. | H | W | D |
|---|---|---|---|---|
| 6 & 8 Gang back box | **3011-361** | 132 | 132 | 47 |



**SUITABLE FOR:**
2 Gang & larger size faceplates for 3, 4, 6, 8, 9 & 12 modules

## GRID FRAME

| DESCRIPTION | CAT. NO. | H | W | D |
|---|---|---|---|---|
| 3 & 4 Gang | **3011-360** | 68 | 140 | 14 |

**Standard:** BS 5733.



## GRID FLUSH BACK BOX

| DESCRIPTION | CAT. NO. | H | W | D |
|---|---|---|---|---|
| 9 & 12 Gang back box | **3011-362** | 192 | 132 | 47 |

### GRID MODULE PRODUCT CODE LOGIC

PRODUCT CODE

3 0 3 0 – 0 5 1

**RANGE CODE**

M2 grid 3 0

**FINISH CODE**

| | |
|---|---|
| N/A | 0 |
| White | 1 |
| Metal | 2 |
| Brushed Stainless | 3 |

**INSERT CODE**

| | |
|---|---|
| N/A | 0 |
| White | 1 |
| Black | 2 |




3 0 1 1




3 0 1 1




3 0 3 0

**Measurements:**
Millimetres (mm) unless stated otherwise

**Supplied with:**
Slimline & metal trim white



## LIGHT SWITCHES 3011-001

| DESCRIPTION | CAT. NO. | H | W | D |
|---|---|---|---|---|
| 1 Way | **3011-001** | 55 | 25 | 29 |
| 2 Way | **3011-002** | 55 | 25 | 29 |



## 3 POSITION

| DESCRIPTION | CAT. NO. | H | W | D |
|---|---|---|---|---|
| 3 Position | **3011-009** | 55 | 25 | 29 |



## 3 POSITION RETRACTIVE

| DESCRIPTION | CAT. NO. | H | W | D |
|---|---|---|---|---|
| 3 Position | **3011-010** | 55 | 25 | 29 |



## INTERMEDIATE

| DESCRIPTION | CAT. NO. | H | W | D |
|---|---|---|---|---|
| Intermediate | **3011-007** | 55 | 25 | 29 |



## RETRACTIVE 3011-008PR

| DESCRIPTION | CAT. NO. | H | W | D |
|---|---|---|---|---|
| Printed PRESS | **3011-008PR** | 55 | 25 | 29 |
| Printed bell icon | **3011-008BE** | 55 | 25 | 29 |



## RETRACTIVE 3011-008

| DESCRIPTION | CAT. NO. | H | W | D |
|---|---|---|---|---|
| 2 Way | **3011-008** | 55 | 25 | 29 |
| 1 Way | **3011-014** | 55 | 25 | 29 |



## FAN ISOLATOR

| DESCRIPTION | CAT. NO. | H | W | D |
|---|---|---|---|---|
| TP Fan isolator | **3011-011** | 55 | 25 | 29 |



## NEON INDICATORS 3011-017

| DESCRIPTION | CAT. NO. | H | W | D |
|---|---|---|---|---|
| Amber | **3011-015** | 55 | 25 | 29 |
| Green | **3011-016** | 55 | 25 | 29 |
| Red | **3011-017** | 55 | 25 | 29 |



## UNFURNISHED DIMMER KIT

| DESCRIPTION | CAT. NO. | H | W | D |
|---|---|---|---|---|
| Kit | **3011-221** | 55 | 25 | 55 |



## DIMMER SWITCHES 3011-025

| DESCRIPTION | CAT. NO. | H | W | D |
|---|---|---|---|---|
| LED | **3011-021** | 60 | 25 | 50 |
| Intelligent | **3011-025** | 60 | 25 | 50 |



## SWITCH MODULE

| DESCRIPTION | CAT. NO. | H | W | D |
|---|---|---|---|---|
| 6A 2 way | **3011-029** | 55 | 25 | 55 |



## BLANK

| DESCRIPTION | CAT. NO. | H | W | D |
|---|---|---|---|---|
| Blank | **3011-030** | 55 | 25 | 26 |

**Measurements:**
Millimetres (mm) unless stated otherwise

**Supplied with:**
Slimline & metal trim white




## FUSE & FLEX MODULE

3011-040

| DESCRIPTION | CAT. NO. | H | W | D |
|---|---|---|---|---|
| 13A Fuse | **3011-040** | 55 | 25 | 25 |
| 20A Flex outlet | **3011-055** | 53 | 25 | 16 |



## KEY SWITCHES

3011-058

| DESCRIPTION | CAT. NO. | H | W | D |
|---|---|---|---|---|
| 20A DP | **3011-057** | 55 | 25 | 25 |
| Printed 'EMG LTG TEST' | **3011-057EL** | 55 | 25 | 25 |



## KEY SWITCHES

3011-058

| DESCRIPTION | CAT. NO. | H | W | D |
|---|---|---|---|---|
| 2 Way | **3011-058** | 55 | 25 | 25 |
| Printed 'EMG LTG TEST' | **3011-058EL** | 55 | 25 | 25 |



## DP RETRACTIVE

| DESCRIPTION | CAT. NO. | H | W | D |
|---|---|---|---|---|
| Push to make | **3011-059** | 55 | 25 | 29 |

## 20A DP SWITCHES

| PRINTED | CAT. NO. |
|---|---|
| - | **3011-050** |
| Boiler | **3011-050BL** |
| Dish Washer | **3011-050DW** |
| Cooker Hood | **3011-050CH** |
| Fan | **3011-050FN** |
| Fridge Freezer | **3011-050FF** |
| Fridge | **3011-050FD** |
| Freezer | **3011-050FZ** |
| Heater | **3011-050HR** |
| Hob | **3011-050HB** |
| Hob Ignition | **3011-050HI** |
| Hot Tap | **3011-050HT** |
| Lights | **3011-050LT** |
| Microwave | **3011-050MW** |
| Oven | **3011-050OV** |
| Tumble Dryer | **3011-050TD** |
| Waste Disposal | **3011-050WD** |
| Water Heater | **3011-050WH** |
| Wine Cooler | **3011-050WC** |
| Warming Drawer | **3011-050WR** |
| Washing Machine | **3011-050WM** |



3011-050DW



3011-050HT



3011-050WR

## 20A DP NEON SWITCHES

| PRINTED | CAT. NO. |
|---|---|
| - | **3011-051** |
| Boiler | **3011-051BL** |
| Dish Washer | **3011-051DW** |
| Cooker Hood | **3011-051CH** |
| Fan | **3011-051FN** |
| Fridge Freezer | **3011-051FF** |
| Fridge | **3011-051FD** |
| Freezer | **3011-051FZ** |
| Heater | **3011-051HR** |
| Hob | **3011-051HB** |
| Hob Ignition | **3011-051HI** |
| Hot Tap | **3011-051HT** |
| Lights | **3011-051LT** |
| Microwave | **3011-051MW** |
| Oven | **3011-051OV** |
| Tumble Dryer | **3011-051TD** |
| Waste Disposal | **3011-051WD** |
| Water Heater | **3011-051WH** |
| Wine Cooler | **3011-051WC** |
| Warming Drawer | **3011-051WR** |
| Washing Machine | **3011-051WM** |



3011-051CH



3011-051HR



3011-051WC

**Measurements:**
Millimetres (mm) unless stated otherwise

**Supplied with:**
Black & white trim



## LIGHT SWITCHES 3030-001

| DESCRIPTION | CAT. NO. | H | W | D |
|---|---|---|---|---|
| 1 Way | **3030-001** | 55 | 25 | 29 |
| 2 Way | **3030-002** | 55 | 25 | 29 |



## 3 POSITION 3030-009

| DESCRIPTION | CAT. NO. | H | W | D |
|---|---|---|---|---|
| 3 Position | **3030-009** | 55 | 25 | 29 |



## 3 POSITION RETRACTIVE

| DESCRIPTION | CAT. NO. | H | W | D |
|---|---|---|---|---|
| 3 Position | **3030-010** | 55 | 25 | 29 |



## INTERMEDIATE

| DESCRIPTION | CAT. NO. | H | W | D |
|---|---|---|---|---|
| Intermediate | **3030-007** | 55 | 25 | 29 |



## RETRACTIVE 3030-008PR

| DESCRIPTION | CAT. NO. | H | W | D |
|---|---|---|---|---|
| Printed PRESS | **3030-008PR** | 55 | 25 | 29 |
| Printed bell icon | **3030-008BE** | 55 | 25 | 29 |



## RETRACTIVE 3030-008

| DESCRIPTION | CAT. NO. | H | W | D |
|---|---|---|---|---|
| 2 Way | **3030-008** | 55 | 25 | 29 |
| 1 Way | **3030-014** | 55 | 25 | 29 |



## FAN ISOLATOR

| DESCRIPTION | CAT. NO. | H | W | D |
|---|---|---|---|---|
| TP Fan isolator | **3030-011** | 55 | 25 | 29 |



## NEON INDICATORS 3011-017

| DESCRIPTION | CAT. NO. | H | W | D |
|---|---|---|---|---|
| Amber | **3030-015** | 55 | 25 | 29 |
| Green | **3030-016** | 55 | 25 | 29 |
| Red | **3030-017** | 55 | 25 | 29 |



## UNFURNISHED DIMMER KIT

| DESCRIPTION | CAT. NO. | H | W | D |
|---|---|---|---|---|
| Kit | **3030-221** | 55 | 25 | 55 |



## DIMMER SWITCHES 3030-025

| DESCRIPTION | CAT. NO. | H | W | D |
|---|---|---|---|---|
| LED | **3030-021** | 60 | 25 | 50 |
| Intelligent | **3030-025** | 60 | 25 | 50 |



## SWITCH MODULE

| DESCRIPTION | CAT. NO. | H | W | D |
|---|---|---|---|---|
| 6A 2 way | **3030-029** | 55 | 25 | 55 |



## BLANK

| DESCRIPTION | CAT. NO. | H | W | D |
|---|---|---|---|---|
| Blank | **3030-030** | 55 | 25 | 26 |

**Measurements:**
Millimetres (mm) unless stated otherwise

**Supplied with:**
Black & white trim



## FUSE & FLEX MODULE

**3030-040**

| DESCRIPTION | CAT. NO. | H | W | D |
|---|---|---|---|---|
| 13A Fuse | **3030-040** | 55 | 25 | 25 |
| 20A Flex outlet | **3030-055** | 53 | 25 | 16 |



## KEY SWITCHES

**3011-057EL**

| DESCRIPTION | CAT. NO. | H | W | D |
|---|---|---|---|---|
| 20A DP | **3030-057** | 55 | 25 | 25 |
| Printed 'EMG LTG TEST' | **3030-057EL** | 55 | 25 | 25 |



## KEY SWITCHES

**3030-058**

| DESCRIPTION | CAT. NO. | H | W | D |
|---|---|---|---|---|
| 2 Way | **3030-058** | 55 | 25 | 25 |
| Printed 'EMG LTG TEST' | **3030-058EL** | 55 | 25 | 25 |



## DP RETRACTIVE

| DESCRIPTION | CAT. NO. | H | W | D |
|---|---|---|---|---|
| Push to make | **3030-059** | 55 | 25 | 29 |

## 20A DP SWITCHES

| PRINTED | CAT. NO. |
|---|---|
| - | **3030-050** |
| Boiler | **3030-050BL** |
| Dish Washer | **3030-050DW** |
| Cooker Hood | **3030-050CH** |
| Fan | **3030-050FN** |
| Fridge Freezer | **3030-050FF** |
| Fridge | **3030-050FD** |
| Freezer | **3030-050FZ** |
| Heater | **3030-050HR** |
| Hob | **3030-050HB** |
| Hob Ignition | **3030-050HI** |
| Hot Tap | **3030-050HT** |
| Lights | **3030-050LT** |
| Microwave | **3030-050MW** |
| Oven | **3030-050OV** |
| Tumble Dryer | **3030-050TD** |
| Waste Disposal | **3030-050WD** |
| Water Heater | **3030-050WH** |
| Wine Cooler | **3030-050WC** |
| Warming Drawer | **3030-050WR** |
| Washing Machine | **3030-050WM** |



**3030-050DW**



**3030-050HT**



**3030-050WR**

## 20A DP NEON SWITCHES

| PRINTED | CAT. NO. |
|---|---|
| - | **3030-051** |
| Boiler | **3030-051BL** |
| Dish Washer | **3030-051DW** |
| Cooker Hood | **3030-051CH** |
| Fan | **3030-051FN** |
| Fridge Freezer | **3030-051FF** |
| Fridge | **3030-051FD** |
| Freezer | **3030-051FZ** |
| Heater | **3030-051HR** |
| Hob | **3030-051HB** |
| Hob Ignition | **3030-051HI** |
| Hot Tap | **3030-051HT** |
| Lights | **3030-051LT** |
| Microwave | **3030-051MW** |
| Oven | **3030-051OV** |
| Tumble Dryer | **3030-051TD** |
| Waste Disposal | **3030-051WD** |
| Water Heater | **3030-051WH** |
| Wine Cooler | **3030-051WC** |
| Warming Drawer | **3030-051WR** |
| Washing Machine | **3030-051WM** |



**3030-051CH**



**3030-051HR**



**3030-051WC**

**Measurements:**
Millimetres (mm) unless stated otherwise



## KEY CARD SWITCH

| DESCRIPTION | CAT. NO. |
|---|---|
| 10A | **3210-013** |



## UK SOCKETS 3210-100

| DESCRIPTION | CAT. NO. |
|---|---|
| 13A 50x50 | **3210-100** |
| 5A 50x50 | **3210-109** |



## EURO SOCKET

| DESCRIPTION | CAT. NO. |
|---|---|
| 16A 50x50 | **3210-106** |



## USB TYPE A 3210-902

| DESCRIPTION | CAT. NO. |
|---|---|
| 2.1mA 50x50 | **3210-902** |
| USB Mounted socket | **3210-346** |



3210-904
## USB TYPE A+C

| DESCRIPTION | CAT. NO. |
|---|---|
| 3.1mA 25x50 | **3210-913** |
| 3.6mA 50x50 | **3210-904** |
| QC 18W/PD 45W 50x50 | **3210-916** |



## TV 3210-333

| DESCRIPTION | CAT. NO. |
|---|---|
| TV 25x50 | **3210-300** |
| Radio 25x50 | **3210-331** |
| TV/Radio 50x50 | **3210-332** |
| TV/Sat 50x50 | **3210-333** |
| PCB TV 25x50 | **3210-336** |



## SATELLITE 3210-330

| DESCRIPTION | CAT. NO. |
|---|---|
| Satellite 25x50 | **3210-330** |
| Terminal F 25x50 | **3210-337** |



## HDMI 3210-345

| DESCRIPTION | CAT. NO. |
|---|---|
| HDMI mounted socket | **3210-345** |



## DIGITAL SOCKETS 3210-335

| DESCRIPTION | CAT. NO. |
|---|---|
| Triplex 50x50 | **3210-334** |
| Quad 50x50 | **3210-335** |



## TELEPHONE SOCKETS 3210-304

| DESCRIPTION | CAT. NO. |
|---|---|
| Master 25x50 | **3210-304** |
| Secondary 25x50 | **3210-305** |



## DATA

| DESCRIPTION | CAT. NO. |
|---|---|
| RJ11 25x50 | **3210-310** |



## DATA 3210-311

| DESCRIPTION | CAT. NO. |
|---|---|
| Cat 5E 25x50 | **3210-306** |
| Cat 6 25x50 | **3210-308** |
| Cat 6A 25x50 | **3210-311** |



3210-340
## ANGLED DATA

| DESCRIPTION | CAT. NO. |
|---|---|
| Frame 25x50 | **3210-338** |
| Cat 5E 25x50 | **3210-339** |
| Cat 6 25x50 | **3210-340** |



## BLANKS 3210-030

| DESCRIPTION | CAT. NO. |
|---|---|
| Quarter 12.5x50 | **3210-032** |
| Half 25x50 | **3210-030** |



## BRUSH 3210-342

| DESCRIPTION | CAT. NO. |
|---|---|
| Half 25x50 | **3210-341** |
| Full 50x50 | **3210-342** |
| Double 100x50 | **3210-343** |

**Measurements:**
Millimetres (mm) unless stated otherwise



## KEY CARD SWITCH

| DESCRIPTION | CAT. NO. |
|---|---|
| 10A | **3280-013** |



## UK SOCKETS 3280-109

| DESCRIPTION | CAT. NO. |
|---|---|
| 13A 50x50 | **3280-100** |
| 5A 50x50 | **3280-109** |



## EURO SOCKET

| DESCRIPTION | CAT. NO. |
|---|---|
| 16A 50x50 | **3280-106** |



## USB TYPE A 3280-346

| DESCRIPTION | CAT. NO. |
|---|---|
| 2.1mA 50x50 | **3280-902** |
| USB Mounted socket | **3280-346** |



3280-913
## USB TYPE A+C

| DESCRIPTION | CAT. NO. |
|---|---|
| 3.1mA 25x50 | **3280-913** |
| 3.6mA 50x50 | **3280-904** |
| QC 18W/PD 45W 50x50 | **3280-916** |



## TV 3280-332

| DESCRIPTION | CAT. NO. |
|---|---|
| TV 25x50 | **3280-300** |
| Radio 25x50 | **3280-331** |
| TV/Radio 50x50 | **3280-332** |
| TV/Sat 50x50 | **3280-333** |
| PCB TV 25x50 | **3280-336** |



## SATELLITE 3280-330

| DESCRIPTION | CAT. NO. |
|---|---|
| Satellite 25x50 | **3280-330** |
| Terminal F 25x50 | **3280-337** |



## HDMI 3280-345

| DESCRIPTION | CAT. NO. |
|---|---|
| HDMI mounted socket | **3280-345** |



## DIGITAL SOCKETS 3280-334

| DESCRIPTION | CAT. NO. |
|---|---|
| Triplex 50x50 | **3280-334** |
| Quad 50x50 | **3280-335** |



## TELEPHONE SOCKETS 3280-305

| DESCRIPTION | CAT. NO. |
|---|---|
| Master 25x50 | **3280-304** |
| Secondary 25x50 | **3280-305** |



## DATA

| DESCRIPTION | CAT. NO. |
|---|---|
| RJ11 25x50 | **3280-310** |



## DATA 3280-308

| DESCRIPTION | CAT. NO. |
|---|---|
| Cat 5E 25x50 | **3280-306** |
| Cat 6 25x50 | **3280-308** |
| Cat 6A 25x50 | **3280-311** |



3280-338
## ANGLED DATA

| DESCRIPTION | CAT. NO. |
|---|---|
| Frame 25x50 | **3280-338** |
| Cat 5E 25x50 | **3280-339** |
| Cat 6 25x50 | **3280-340** |



## BLANKS 3280-032

| DESCRIPTION | CAT. NO. |
|---|---|
| Quarter 12.5x50 | **3280-032** |
| Half 25x50 | **3280-030** |



## BRUSH 3280-343

| DESCRIPTION | CAT. NO. |
|---|---|
| Half 25x50 | **3280-341** |
| Full 50x50 | **3280-342** |
| Double 100x50 | **3280-343** |

# KEY FEATURES:

## M2 METAL WIRING ACCESSORIES

25 YEAR GUARANTEE

### FEATURES:

M2 metal offers a comprehensive range of robust surface mount accessories for the domestic and commercial markets. With the introduction of our grid range the scope for applications is virtually endless. An ideal solution where a more durable accessory is needed: domestic garages, workshops and sheds or commercial warehouses, stores and factories.



### RECYCLED PACKAGING

The packaging has been carefully selected throughout the development stages of this range to ensure we minimise our impact on the environment. The inner cardboard cartons and product boxes are manufactured from recycled content and after use can now be recycled.







ROBUST & DURABLE STEEL ENCLOSURE



20mm KNOCKOUTS



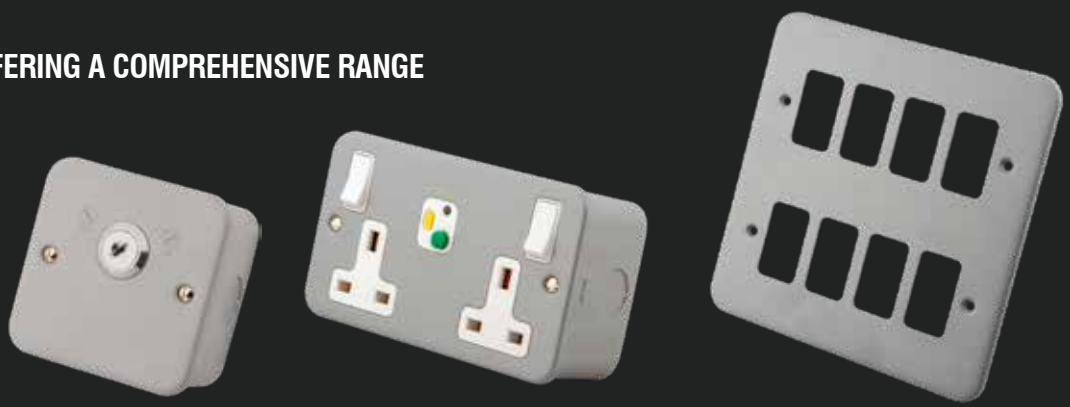

FAST CHARGING USB SOCKETS



GRID & EURO MODULES



## OFFERING A COMPREHENSIVE RANGE



**Measurements:**
Millimetres (mm) unless stated otherwise

**Metalclad depth:**
42mm



## LIGHT SWITCHES 4021-004

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 1 Gang 2 way | **4021-002** | 80 | 80 |
| 2 Gang 2 way | **4021-003** | 80 | 80 |
| 3 Gang 2 way | **4021-004** | 80 | 80 |
| 4 Gang 2 way | **4021-005** | 80 | 140 |



## 20A DP SWITCHES 4021-051

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 20A DP switch | **4021-050** | 80 | 80 |
| 20A DP switch neon | **4021-051** | 80 | 80 |



## 45A DP SWITCHES 4021-203

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 45A DP switch | **4021-202** | 140 | 80 |
| 45A DP switch neon | **4021-203** | 140 | 80 |

**KEY LOCKABLE**



## KEY LOCKABLE SWITCH

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 20A DP Key lockable switch | **4021-060** | 80 | 80 |



4021-047

## 13A SWITCHED FUSED SPURS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Spur | **4021-044** | 80 | 80 |
| Neon | **4021-045** | 80 | 80 |
| Flex outlet | **4021-046** | 80 | 80 |
| Neon flex outlet | **4021-047** | 80 | 80 |



4021-040

## 13A UNSWITCHED FUSED SPURS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Spur | **4021-040** | 80 | 80 |
| Neon | **4021-041** | 80 | 80 |
| Flex outlet | **4021-042** | 80 | 80 |
| Neon flex outlet | **4021-043** | 80 | 80 |



4021-101

## 13A UNSWITCHED SOCKETS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 1 Gang | **4021-100** | 80 | 80 |
| 2 Gang | **4021-101** | 80 | 140 |



4021-103

## 13A SWITCHED SOCKETS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 1 Gang - SP | **4021-102** | 80 | 80 |
| 1 Gang - DP | **4021-103** | 80 | 80 |
| 2 Gang - DP | **4021-105** | 80 | 140 |
| 1 Gang neon | **4021-107** | 80 | 80 |
| 2 Gang neon | **4021-108** | 80 | 140 |

**30mA** **PASSIVE**



## 13A RCD PROTECTED

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Switched | **4021-120** | 80 | 140 |



4021-904

## 13A USB SWITCHED SOCKET OUTLETS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 1G 2.1A Type A | **4021-912** | 80 | 80 |
| 2G 3.1A Type A | **4021-914** | 80 | 140 |
| 2G 3.1A Type A+C | **4021-904** | 80 | 140 |

KEY LOCKABLE



## KEY LOCKABLE SOCKET

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 13A DP Key lockable socket neon | **4021-121** | 86 | 146 |

30mA PASSIVE



## 13A RCD PROTECTED SPUR

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Switched | **4021-049** | 80 | 80 |



## BLANK PLATES 4021-031

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 1 Gang | **4021-030** | 80 | 80 |
| 2 Gang | **4021-031** | 80 | 140 |



## BACK BOXES 4020-368

| DESCRIPTION | CAT. NO. | H | W | D |
|---|---|---|---|---|
| 1 Gang | **4020-367** | 76 | 76 | 40 |
| 2 Gang | **4020-368** | 76 | 136 | 40 |
| 1 Gang | **4020-363** | 76 | 76 | 50 |
| 2 Gang | **4020-364** | 76 | 136 | 50 |



## BACK BOXES 4020-365

| DESCRIPTION | CAT. NO. | H | W | D |
|---|---|---|---|---|
| 6 & 8 Gang | **4020-365** | 136 | 136 | 40 |
| 9 & 12 Gang | **4020-366** | 198 | 136 | 40 |



## EURO MOD PLATES 4021-321

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 1G 1 module | **4021-320** | 80 | 80 |
| 1G 2 modules | **4021-321** | 80 | 80 |
| 2G 4 modules | **4021-322** | 80 | 140 |



## GRID PLATES 4020-353

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 1 Gang | **4020-350** | 80 | 80 |
| 2 Gang | **4020-351** | 80 | 80 |
| 3 Gang | **4020-352** | 80 | 140 |
| 4 Gang | **4020-353** | 80 | 140 |

Grid frame sold separately: 1 & 2 gang 3011-359, 3 & 4 gang 3011-360



4020-355

## GRID PLATES

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 6 Gang | **4020-354** | 140 | 140 |
| 8 Gang | **4020-355** | 140 | 140 |
| 9 Gang | **4020-356** | 202 | 140 |
| 12 Gang | **4020-357** | 202 | 140 |

Grid frame sold separately: 3011-360

**Measurements:** Millimetres (mm) unless stated otherwise

**Metalclad depth:** 42mm

**For grid & euro modules** please see page 22

# KEY FEATURES:

## M2 WEATHERPROOF WIRING ACCESSORIES

### FEATURES:

M2 weatherproof offers a comprehensive range of robust surface mount accessories design for the outdoors. Compliant to IP66 the range provides protection against jets of water from any direction and small dust particles. The switches are 20A rated and new additions to the range include RCD sockets and spurs for added protection.




### RECYCLED PACKAGING

The packaging has been carefully selected throughout the development stages of this range to ensure we minimise our impact on the environment. The inner cardboard cartons and product boxes are manufactured from recycled content and after use can now be recycled. We have also reduced the amount of singe use plastics used by removing this from plastic window.







## 20A WEATHERPROOF SWITCHES NEON OPTIONS:

- Permanently on, for dark environments
- On when switch is off, seek light
- Power on indicator



IP66 RATED



ROBUST POLYCARBONATE CONSTRUCTION



TRANSLUCENT & SOLID GREY COVERS



PAD LOCKABLE COVERS

## OFFERING A COMPREHENSIVE RANGE





**Measurements:**
Millimetres (mm) unless stated otherwise






## 1 GANG LIGHT SWITCH

20A 1 Gang 2 Way Weatherproof Light Switch

- 20A switch rating
- IP66 protection from strong jets of water from any direction
- Protection from dust and small particles
- Optional neon provided
- Robust polycarbonate construction
- 20mm knockouts on all sides
- Two knockouts on one side

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 1 Gang light switch 2 way | **5090-002** | 90 | 90 |






## LIGHT SWITCHES

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 2 Gang 2 way | **5090-003** | 90 | 90 |






## RETRACTIVE SWITCH

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 20A Retractive | **5090-008** | 90 | 90 |






## DOUBLE POLE SWITCH

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 20A DP switch | **5090-051** | 90 | 90 |








**Measurements:**
Millimetres (mm) unless stated otherwise

## 2 GANG SOCKET OUTLETS

2 Gang Weatherproof 13A Switched Socket

- IP66 protection from strong jets of water from any direction as well as protection from dust and small particles
- Robust polycarbonate construction
- Translucent & solid grey cover
- Temperature tolerant
- 20mm knockouts on all sides
- Two knockouts on one side



5090-504

5090-104

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 13A 2 Gang switch socket outlet | **5090-104** | 135 | 162 |
| 13A 2 Gang switch socket outlet (grey lid) | **5090-504** | 135 | 162 |



5090-502

## 1 GANG SOCKET OUTLETS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 13A Socket outlet | **5090-102** | 135 | 102 |
| 13A socket outlet (grey lid) | **5090-502** | 135 | 102 |



## 2 GANG RCD PROTECTED SOCKETS 5090-120

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 13A RCD DP | **5090-120** | 135 | 162 |
| 13A RCD DP (grey lid) | **5090-520** | 135 | 162 |



## 1 GANG RCD PROTECTED CONNECTION UNITS 5090-549

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 13A Unswitched | **5090-049** | 135 | 102 |
| 13A Unswitched (grey lid) | **5090-549** | 135 | 102 |



5090-040

## 1 GANG UNSWITCHED FUSE CONNECTION UNITS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 13A Unswitched | **5090-040** | 135 | 102 |
| 13A Unswitched (grey lid) | **5090-540** | 135 | 102 |



## 1 GANG SWITCHED FUSE CONNECTION UNITS 5090-544

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 13A Switched | **5090-044** | 135 | 102 |
| 13A Switched (grey lid) | **5090-544** | 135 | 102 |



## ENCLOSURES 5090-161

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 1 Gang | **5090-160** | 135 | 102 |
| 1 Gang (grey lid) | **5090-560** | 135 | 102 |
| 2 Gang | **5090-161** | 135 | 162 |
| 2 Gang (grey lid) | **5090-561** | 135 | 162 |

# KEY FEATURES:

## M2 DECORATIVE RANGE WIRING ACCESSORIES

### FEATURES:

M2 Decorative creates a world of functionality and choice with beautiful aesthetic finishes. Five distinctive plate finishes: antique and polished brass; brushed and polished stainless steel and black nickel. A variety of modules can be selected to suit individual requirements.

**Easy to install, a pleasure to use… the only difficulty is making your choice !**






## PRODUCT CODE GUIDE

**When ordering any of the M2 Decorative range, replace '#' in the catalogue number with your desired plate finish code above.**

For example - 6031-105.

AB & BN not available with white insert.

## PRODUCT CODE LOGIC



**6031 - 105**
**2 GANG 13A SWITCHED SOCKET OUTLET DP**

**PRODUCT CODE**

| 6 | 0 | 3 | 1 | – | 1 | 0 | 5 | ## |
|---|---|---|---|---|---|---|---|---|

### RANGE CODE

| | | |
|---|---|---|
| decorative | 6 | 0 |

### FINISH CODE

| | |
|---|---|
| Brushed Stainless | 3 |
| Polished Stainless | 4 |
| Polished Brass | 5 |
| Antique Bronze | 6 |
| Black Nickel | 7 |

### INSERT CODE

| | |
|---|---|
| N/A | 0 |
| White | 1 |
| Black | 2 |

### PRINT LEGEND

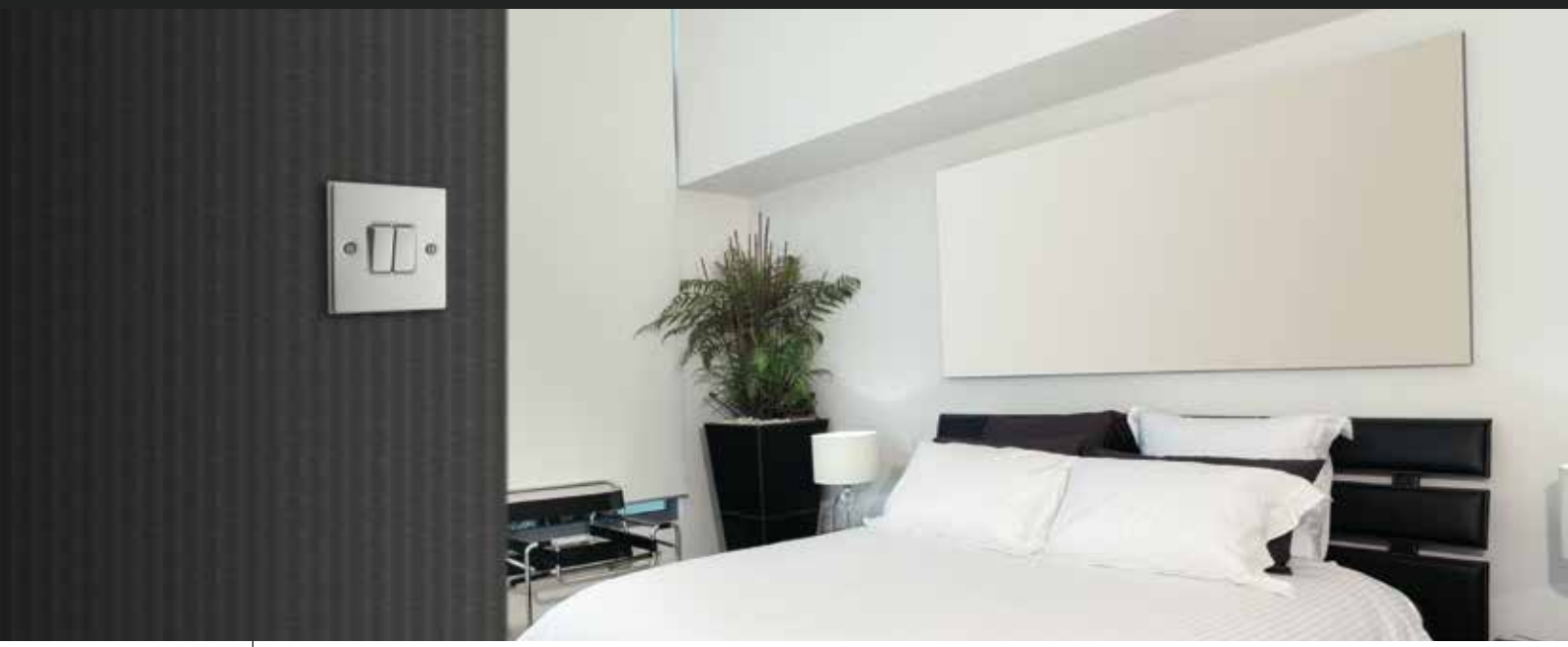
| | |
|---|---|
| ## | Relates to print legend on grid modules. Refer to main product brochure for options. |

**LIGHT SWITCHES**

| DESCRIPTION | PRODUCT CODE |
|---|---|
| 1 Gang 1 way light switch | **001** |
| 1 Gang 2 way light switch | **002** |
| 2 Gang 2 way light switch | **003** |
| 3 Gang 2 way light switch | **004** |
| 4 Gang 2 way light switch | **005** |
| 6 Gang 2 way light switch | **006** |
| 1 Gang intermediate switch | **007** |
| Retractive switch | **008** |
| 6A Triple pole fan isolator | **011** |
| 6A Triple pole switch | **012** |
| 10A Key switch | **013** |

**SOCKET OUTLETS**

| DESCRIPTION | PRODUCT CODE |
|---|---|
| 1 Gang 13A unswitched | **100** |
| 2 Gang 13A unswitched | **101** |
| 1 Gang 13A switched SP | **102** |
| 1 Gang 13A switched DP | **103** |
| 2 Gang 13A switched SP | **104** |
| 2 Gang 13A switched DP | **105** |
| 5A Socket | **109** |
| Shaver socket | **110** |
| 2 Gang contract socket | **112** |
| 2 Gang RCD socket DP | **120** |



**Measurements:**
Millimetres (mm) unless stated otherwise

**Flush mount box:**
25mm

**6030:**
Brushed Stainless Steel

**6040:**
Polished Stainless Steel

**6050:**
Polished Brass

**6060:**
Antique Brass

**6070:**
Black Nickel

25 YEAR GUARANTEE

5 PLATE FINISHES

25mm BACK BOX



## 2 WAY LIGHT SWITCHES

10A 1 Gang 2 Way Light Switch
Available in all Five Decorative Finishes

- 5mm Shallow Plate
- 10AX rated
- Two way switches
- Protective lacquer coating

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 1 Gang switch metal rocker white insert | **60#1-002** | 86 | 86 |
| 1 Gang switch metal rocker black insert | **60#2-002** | 86 | 86 |



6062-003

## 2 GANG 2 WAY LIGHT SWITCHES

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Switch metal rocker white insert | **60#1-003** | 86 | 86 |
| Switch metal rocker black insert | **60#2-003** | 86 | 86 |



6052-004

## 3 GANG 2 WAY LIGHT SWITCHES

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Switch metal rocker white insert | **60#1-004** | 86 | 86 |
| Switch metal rocker black insert | **60#2-004** | 86 | 86 |



## 2 WAY 4 GANG LIGHT SWITCHES

**6072-005**

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Metal rocker white insert | **60#1-005** | 86 | 146 |
| Metal rocker black insert | **60#2-005** | 86 | 146 |



## 2 WAY 6 GANG LIGHT SWITCHES

**6051-006**

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Metal rocker white insert | **60#1-006** | 86 | 146 |
| Metal rocker black insert | **60#2-006** | 86 | 146 |



## INTERMEDIATE LIGHT SWITCHES

**6042-007**

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Metal rocker white insert | **60#1-007** | 86 | 86 |
| Metal rocker black insert | **60#2-007** | 86 | 86 |



## 2 WAY RETRACTIVE SWITCHES

**6032-008**

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Metal rocker white insert | **60#1-008** | 86 | 86 |
| Metal rocker black insert | **60#2-008** | 86 | 86 |

**25 YEAR GUARANTEE**

**5 PLATE FINISHES**

**25mm BACK BOX**




## TRIPLE POLE SWITCHES

**6062-011**

10A Triple Pole Fan Isolator Available in all Five Decorative Finishes

- 5mm Shallow Plate
- 10AX rated
- Protective lacquer coating

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 1 Gang switch metal rocker white insert | **60#1-011** | 86 | 86 |
| 1 Gang switch metal rocker black insert | **60#2-011** | 86 | 86 |

**Measurements:**
Millimetres (mm) unless stated otherwise

**Flush mount box:**
25 mm

**6030:**
Brushed Stainless Steel

**6040:**
Polished Stainless Steel

**6050:**
Polished Brass

**6060:**
Antique Brass

**6070:**
Black Nickel

# DIMMER SWITCHES



**Measurements:**
Millimetres (mm) unless stated otherwise

**Flush mount box:**
29mm

**6030:**
Brushed Stainless Steel

**6040:**
Polished Stainless Steel

**6050:**
Polished Brass

**6060:**
Antique Brass

**6070:**
Black Nickel



6030-022

## STANDARD LEADING EDGE DIMMERS

| DESCRIPTION | WATT | CAT. NO. | H | W |
|---|---|---|---|---|
| 1 Gang leading edge dimmer | 400W | **60#0-021** | 86 | 86 |
| 2 Gang leading edge dimmer | 400W | **60#0-022** | 86 | 86 |
| 3 Gang leading edge dimmer | 400W | **60#0-023** | 86 | 146 |

Flush mount box depth: 25mm  Surface mount box depth: 29mm.



6070-027

## LED DIMMERS

| DESCRIPTION | WATT | CAT. NO. | H | W |
|---|---|---|---|---|
| 1 Gang LED dimmer | 9-150W | **60#0-025** | 86 | 86 |
| 2 Gang LED dimmer | 9-150W | **60#0-026** | 86 | 86 |
| 3 Gang LED dimmer | 9-150W | **60#0-027** | 86 | 146 |
| 4 Gang LED dimmer | 9-150W | **60#0-028** | 86 | 146 |

Flush mount box depth: 25mm  Surface mount box depth: 29mm.



6040-224

## UNFURNISHED DIMMER KITS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 1 Gang unfurnished kits | **60#0-221** | 86 | 86 |
| 2 Gang unfurnished kits | **60#0-222** | 86 | 86 |
| 3 Gang unfurnished kits | **60#0-223** | 86 | 146 |
| 4 Gang unfurnished kits | **60#0-224** | 86 | 146 |

Flush mount box depth: 25mm  Surface mount box depth: 29mm.

## UNSWITCHED FUSED CONNECTION UNITS



6072-040

### 13A UNSWITCHED FUSED CONNECTION UNITS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Metal cover white insert | **60#1-040** | 86 | 86 |
| Metal cover black insert | **60#2-040** | 86 | 86 |
| Neon metal cover white insert | **60#1-041** | 86 | 86 |
| Neon metal cover black insert | **60#2-041** | 86 | 86 |



6041-043

### 13A UNSWITCHED FUSED CONNECTION UNITS WITH FLEX OUTLET

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Flex outlet metal cover white insert | **60#1-042** | 86 | 86 |
| Flex outlet metal cover black insert | **60#2-042** | 86 | 86 |
| Neon flex outlet metal cover white insert | **60#1-043** | 86 | 86 |
| Neon flex outlet metal cover black insert | **60#2-043** | 86 | 86 |

## SWITCHED FUSED CONNECTION UNITS



6051-045

### 13A SWITCHED FUSED CONNECTION UNITS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Metal rocker white insert | **60#1-044** | 86 | 86 |
| Metal rocker black insert | **60#2-044** | 86 | 86 |
| Neon metal rocker white insert | **60#1-045** | 86 | 86 |
| Neon metal rocker black insert | **60#2-045** | 86 | 86 |



6032-046

### 13A SWITCHED FUSED CONNECTION UNITS WITH FLEX OUTLET

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Flex outlet metal cover white insert | **60#1-046** | 86 | 86 |
| Flex outlet metal cover black insert | **60#2-046** | 86 | 86 |
| Neon flex outlet metal cover white insert | **60#1-047** | 86 | 86 |
| Neon flex outlet metal cover black insert | **60#2-047** | 86 | 86 |

**Measurements:**
Millimetres (mm) unless stated otherwise

**Flush mount box:**
25 mm

**6030:**
Brushed Stainless Steel

**6040:**
Polished Stainless Steel

**6050:**
Polished Brass

**6060:**
Antique Brass

**6070:**
Black Nickel

**Measurements:**
Millimetres (mm) unless stated otherwise

**6030:**
Brushed Stainless Steel

**6040:**
Polished Stainless Steel

**6050:**
Polished Brass

**6060:**
Antique Brass

**6070:**
Black Nickel



6031-105

## 2 GANG DP SWITCHED SOCKET OUTLETS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Metal rocker white insert | **60#1-105** | 86 | 146 |
| Metal rocker black insert | **60#2-105** | 86 | 146 |

Flush mount box: 25mm.



6042-103

## 1 GANG DP SWITCHED SOCKET OUTLETS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Metal rocker white insert | **60#1-103** | 86 | 86 |
| Metal rocker black insert | **60#2-103** | 86 | 86 |

Flush mount box: 25mm.



6072-109

## 5A 1 GANG UNSWITCHED SOCKET OUTLETS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 5A White insert | **60#1-109** | 86 | 86 |
| 5A Black insert | **60#2-109** | 86 | 86 |

Flush mount box: 25mm.

TYPE A+C
3.1A



6031-904

## 2 GANG USB SWITCHED SOCKET OUTLETS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Metal rocker white insert | **60#1-904** | 86 | 146 |
| Metal rocker black insert | **60#2-904** | 86 | 146 |

Flush mount box: 35 mm.

TYPE A
2.1A



6062-912

## 1 GANG USB SWITCHED SOCKET OUTLETS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Metal rocker white insert | **60#1-912** | 86 | 86 |
| Metal rocker black insert | **60#2-912** | 86 | 86 |

Flush mount box: 35 mm.

TYPE A
3.1A



6031-914

## 2 GANG USB SWITCHED SOCKET OUTLETS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Metal rocker white insert | **60#1-914** | 86 | 146 |
| Metal rocker black insert | **60#2-914** | 86 | 146 |

Flush mount box: 35 mm.




6041-110

## DUAL VOLTAGE SHAVER SOCKETS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Dual voltage shaver socket white insert | **60#1-110** | 146 | 86 |
| Dual voltage shaver socket black insert | **60#2-110** | 146 | 86 |

Flush mount box: 47mm.

**Measurements:**
Millimetres (mm) unless stated otherwise

**6030:**
Brushed Stainless Steel

**6040:**
Polished Stainless Steel

**6050:**
Polished Brass

**6060:**
Antique Brass

**6070:**
Black Nickel



6051-050

## 20A DP SWITCHES

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Metal rocker white insert | **60#1-050** | 86 | 86 |
| Metal rocker black insert | **60#2-050** | 86 | 86 |

Flush mount box: 25mm.



6072-051

## 20A DP SWITCHES NEON

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Metal rocker white insert | **60#1-051** | 86 | 86 |
| Metal rocker black insert | **60#2-051** | 86 | 86 |

Flush mount box: 25mm.



6062-052

## 20A DP SWITCHES FLEX OUTLET

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Metal rocker white insert | **60#1-052** | 86 | 86 |
| Metal rocker black insert | **60#2-052** | 86 | 86 |

Flush mount box: 25mm.



6031-053

## 20A DP SWITCHES NEON & FLEX OUTLET

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Metal rocker white insert | **60#1-053** | 86 | 86 |
| Metal rocker black insert | **60#2-053** | 86 | 86 |

Flush mount box: 25mm.



6051-055

## 20A DP FLEX OUTLETS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Flex outlet white insert | **60#1-055** | 86 | 86 |
| Flex outlet black insert | **60#2-055** | 86 | 86 |



6031-056

## 20A DP SINK/BATH SWITCHES

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| White insert | **60#1-056** | 86 | 86 |
| Black insert | **60#2-056** | 86 | 86 |

**Measurements:**
Millimetres (mm) unless stated otherwise

**Flush mount box:**
47mm

**6030:**
Brushed Stainless Steel

**6040:**
Polished Stainless Steel

**6050:**
Polished Brass

**6060:**
Antique Brass

**6070:**
Black Nickel




6072-200

## 1 GANG 45A DP SWITCHES

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Metal rocker white insert | **60#1-200** | 86 | 86 |
| Metal rocker black insert | **60#2-200** | 86 | 86 |




6032-201

## 1 GANG 45A DP SWITCHES NEON

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Metal rocker white insert | **60#1-201** | 86 | 86 |
| Metal rocker black insert | **60#2-201** | 86 | 86 |




6041-202

## 2 GANG 45A VERTICAL DP SWITCHES

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Metal rocker white insert | **60#1-202** | 146 | 86 |
| Metal rocker black insert | **60#2-202** | 146 | 86 |




6062-203

## 2 GANG 45A VERTICAL DP SWITCHES NEON

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Metal rocker white insert | **60#1-203** | 146 | 86 |
| Metal rocker black insert | **60#2-203** | 146 | 86 |




6051-204

## COOKER CONTROL UNIT

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Metal rockers white insert | **60#1-204** | 86 | 146 |
| Metal rockers black insert | **60#2-204** | 86 | 146 |




6032-205

## COOKER CONTROL UNIT NEON

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Metal rockers white insert | **60#1-205** | 86 | 146 |
| Metal rockers black insert | **60#2-205** | 86 | 146 |

**Measurements:**
Millimetres (mm) unless stated otherwise

**Flush Mount Box:**
25mm

**6030:**
Brushed Stainless Steel

**6040:**
Polished Stainless Steel

**6050:**
Polished Brass

**6060:**
Antique Brass

**6070:**
Black Nickel



6062-300

## 1 GANG COAXIAL OUTLETS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| White insert | **60#1-300** | 86 | 86 |
| Black insert | **60#2-300** | 86 | 86 |



6042-301

## 2 GANG COAXIAL OUTLETS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| White insert | **60#1-301** | 86 | 86 |
| Black insert | **60#2-301** | 86 | 86 |



6031-302

## 1 GANG SATELLITE OUTLETS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| White insert | **60#1-302** | 86 | 86 |
| Black insert | **60#2-302** | 86 | 86 |



6051-303

## 1 GANG COAXIAL & SATELLITE OUTLETS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| White insert | **60#1-303** | 86 | 86 |
| Black insert | **60#2-303** | 86 | 86 |



6062-304

## 1 GANG TELEPHONE MASTER OUTLETS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| White insert | **60#1-304** | 86 | 86 |
| Black insert | **60#2-304** | 86 | 86 |



6072-305

## 1 GANG TELEPHONE SECONDARY OUTLETS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| White insert | **60#1-305** | 86 | 86 |
| Black insert | **6532-305** | 86 | 86 |



6032-306

## 1 GANG CAT5E DATA OUTLETS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| White insert | **60#1-306** | 86 | 86 |
| Black insert | **60#2-306** | 86 | 86 |



6051-310

## 1 GANG RJ11 OUTLETS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| White insert | **60#1-310** | 86 | 86 |
| Black insert | **60#2-310** | 86 | 86 |



6072-311

## 1 GANG COAXIAL ISOLATED OUTLETS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| White insert | **60#1-312** | 86 | 86 |
| Black insert | **60#2-312** | 86 | 86 |



6060-030

## BLANK PLATES

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 1 Gang | **60#0-030** | 86 | 86 |
| 2 gang | **60#0-031** | 86 | 146 |

# EURO MODULE PLATES



**Measurements:**
Millimetres (mm) unless stated otherwise

**6030:**
Brushed Stainless Steel

**6040:**
Polished Stainless Steel

**6050:**
Polished Brass

**6060:**
Antique Brass

**6070:**
Black Nickel



6062-320

## 1 MODULE EURO MOD PLATES

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 1 Module euro mod plate white trim | **60#1-320** | 86 | 86 |
| 1 Module euro mod plate black trim | **60#2-320** | 86 | 86 |



6072-321

## 2 MODULE EURO MOD PLATES

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 2 Module euro mod plate white trim | **60#1-321** | 86 | 86 |
| 2 Module euro mod plate black trim | **60#2-321** | 86 | 86 |



6051-322

## 4 MODULE EURO MOD PLATES

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 2 Gang euro mod plate white trim | **60#1-322** | 86 | 146 |
| 2 Gang euro mod plate black trim | **60#2-322** | 86 | 146 |

**Measurements:**
Millimetres (mm) unless stated otherwise

**For euro modules**
please see page 28



6051-080

## 1 MODULE APERTURE PLATES

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 1 Module aperture plate white trim | **60#1-080** | 86 | 86 |
| 1 Module aperture plate black trim | **60#2-080** | 86 | 86 |



6032-081

## 2 MODULE APERTURE PLATES

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 2 Module aperture plate white trim | **60#1-081** | 86 | 86 |
| 2 Module aperture plate black trim | **60#2-081** | 86 | 86 |



6062-082

## 3 MODULE APERTURE PLATES

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 3 Module aperture plate white trim | **60#1-082** | 86 | 86 |
| 3 Module aperture plate black trim | **60#2-082** | 86 | 86 |



6072-084

## 4 MODULE APERTURE PLATES

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 4 Module aperture plate white trim | **60#1-084** | 86 | 146 |
| 4 Module aperture plate black trim | **60#2-084** | 86 | 146 |



6051-085

## 6 MODULE APERTURE PLATES

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 6 Module aperture plate white trim | **60#1-085** | 86 | 146 |
| 6 Module aperture plate black trim | **60#2-085** | 86 | 146 |

# KEY FEATURES:

## M2 DECORATIVE SCREWLESS WIRING ACCESSORIES

25 YEAR GUARANTEE

### FEATURES:

The 4.5mm slim profile plates also have a lacquer coating that avoids the unsightly finger marks. The accessories will fit standard depth wall boxes and are therefore suitable for the majority of refurbishments or new build applications.

With all the switches, dimmers and sockets that you would expect M2 Decorative Screwless is further complemented by the M2 Grid range with plates from 1 to 12 gang and a comprehensive range of grid modules.

- Simple clip on design
- 4.5mm modern slim profile
- Suitable for retrofitting
- Protective lacquer coating
- 25 year guarantee

### RECYCLED PACKAGING

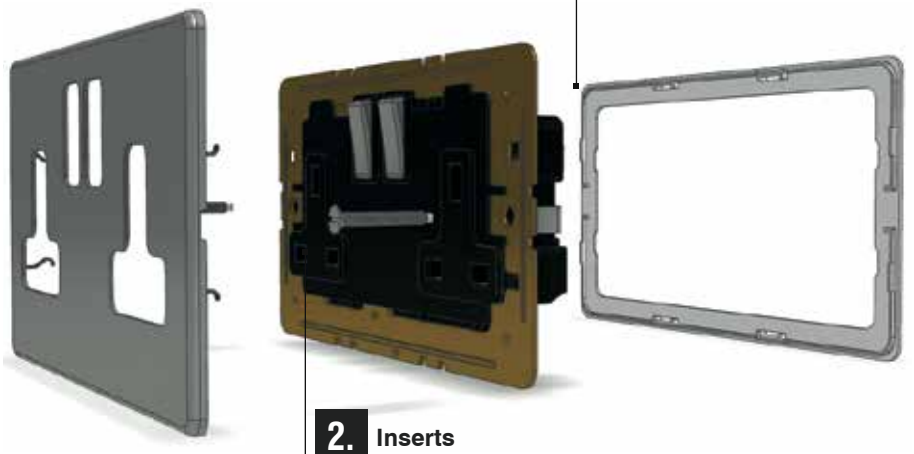
The packaging has been carefully selected throughout the development stages of this range to ensure we minimise our impact on the environment. The inner cardboard cartons and product boxes are manufactured from recycled content and after use can now be recycled. We have also reduced the amount of singe use plastics used by removing this from plastic window.



**Face Plate**
Brushed stainless steel with a protective lacquer and supplied with a film cover.

**1.**

**3.** **Gasket**
High quality, robust plastic gasket.



**2.** **Inserts**
Available with white or black inserts.



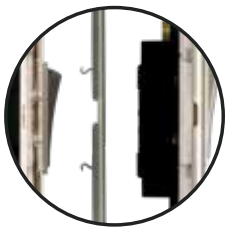
MATCHING METAL ROCKERS



BRUSHED STAINLESS STEEL

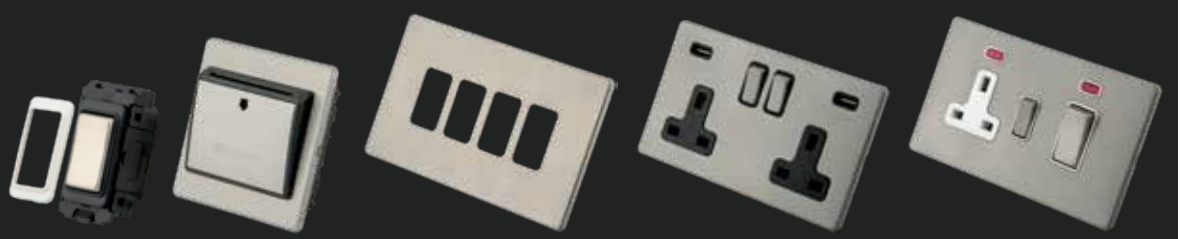


SIMPLE TO UNCLIP FACE PLATES



FULLY TESTED & CERTIFIED

## OFFERING A COMPREHENSIVE RANGE





**Measurements:**
Millimetres (mm) unless stated otherwise

**Flush mount box:**
16mm

SCREWLESS

SIMPLE CLIP ON FACE PLATE

25 YEAR GUARANTEE





6531-002

## 1 GANG 2 WAY LIGHT SWITCHES

10AX 1 Gang 2 Way Light Switch Brushed Stainless Steel

- Screwless face plate
- Modern slim profile
- Simple clip on face plate
- 10AX rated
- Matching brushed stainless steel switch
- Black or white insert
- Protective lacquer coating

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 1 Gang switch metal rocker white insert | **6531-002** | 86 | 86 |
| 1 Gang switch metal rocker black insert | **6532-002** | 86 | 86 |



6532-003

## 2 GANG 2 WAY LIGHT SWITCHES

10AX 2 Gang 2 Way Light Switch Brushed Stainless Steel

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Switch metal rocker white insert | **6531-003** | 86 | 86 |
| Switch metal rocker black insert | **6532-003** | 86 | 86 |



6531-004

## 3 GANG 2 WAY LIGHT SWITCHES

10AX 3 Gang 2 Way Light Switch Brushed Stainless Steel

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Switch metal rocker white insert | **6531-004** | 86 | 86 |
| Switch metal rocker black insert | **6532-004** | 86 | 86 |

**Measurements:**
Millimetres (mm) unless stated otherwise

**Flush mount box:**
16mm



6532-005

## 4 GANG 2 WAY LIGHT SWITCHES

10AX 4 Gang 2 Way Light Switch Brushed Stainless Steel

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Metal rocker white insert | **6531-005** | 86 | 146 |
| Metal rocker black insert | **6532-005** | 86 | 146 |



6531-006

## 6 GANG 2 WAY LIGHT SWITCHES

10AX 6 Gang 2 Way Light Switch Brushed Stainless Steel

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Metal rocker white insert | **6531-006** | 86 | 146 |
| Metal rocker black insert | **6532-006** | 86 | 146 |



6532-007

## INTERMEDIATE LIGHT SWITCHES 2 WAY

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 10A White insert | **6531-007** | 86 | 86 |
| 10A Black insert | **6532-007** | 86 | 86 |



6531-008

## RETRACTIVE SWITCHES 2 WAY

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 10A White insert | **6531-008** | 86 | 86 |
| 10A Black insert | **6532-008** | 86 | 86 |



6532-011

## TRIPLE POLE SWITCHES

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 10A White insert | **6531-011** | 86 | 86 |
| 10A Black insert | **6532-011** | 86 | 86 |





**32A RATED**



6532-013

## KEY CARD SWITCHES

32A 1 Gang

- Accepts standard 54mm wide cards
- Incorporates seek light LED
- 30 Second exit delay
- 32A Rated
- Black or white insert
- Protective lacquer coating

Back box depth: 45mm.

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Key card switch metal rocker white insert | **6531-013** | 86 | 86 |
| Key card switch metal rocker black insert | **6532-013** | 86 | 86 |

# DIMMER SWITCHES



**Measurements:**
Millimetres (mm) unless stated otherwise

**Flush mount box:**
25mm



6530-021

## LEADING EDGE LED DIMMERS

| DESCRIPTION | WATT | CAT. NO. | H | W |
|---|---|---|---|---|
| 1 Gang leading edge dimmer | 40-400W (3-100W) | **6530-021** | 86 | 86 |
| 2 Gang leading edge dimmer | 40-400W (3-100W) | **6530-022** | 86 | 86 |
| 3 Gang leading edge dimmer | 40-400W (3-100W) | **6530-023** | 86 | 146 |
| 4 Gang leading edge dimmer | 40-400W (3-100W) | **6530-024** | 86 | 146 |

Flush mount box depth: 25mm  Surface mount box depth: 29mm.



6530-027

## INTELLIGENT DIMMERS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 1 Gang intelligent dimmer | **6530-025** | 86 | 86 |
| 2 Gang intelligent dimmer | **6530-026** | 86 | 86 |
| 3 Gang intelligent dimmer | **6530-027** | 86 | 146 |
| 4 Gang intelligent dimmer | **6530-028** | 86 | 146 |

Flush mount box depth: 25mm  Surface mount box depth: 29mm.



6530-221

## UNFURNISHED DIMMER KITS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 1 Gang unfurnished kits | **6530-221** | 86 | 86 |
| 2 Gang unfurnished kits | **6530-222** | 86 | 86 |
| 3 Gang unfurnished kits | **6530-223** | 86 | 146 |
| 4 Gang unfurnished kits | **6530-224** | 86 | 146 |

Flush mount box depth: 25mm  Surface mount box depth: 29mm.

**Measurements:**
Millimetres (mm) unless stated otherwise

**Flush mount box:**
25mm



6531-040

## 13A UNSWITCHED FUSED CONNECTION UNITS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Metal cover white insert | **6531-040** | 86 | 86 |
| Metal cover black insert | **6532-040** | 86 | 86 |
| Neon metal cover white insert | **6531-041** | 86 | 86 |
| Neon metal cover black insert | **6532-041** | 86 | 86 |



6532-043

## 13A UNSWITCHED FUSED CONNECTION UNITS WITH FLEX OUTLET

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Flex outlet metal cover white insert | **6531-042** | 86 | 86 |
| Flex outlet metal cover black insert | **6532-042** | 86 | 86 |
| Neon flex outlet metal cover white insert | **6531-043** | 86 | 86 |
| Neon flex outlet metal cover black insert | **6532-043** | 86 | 86 |



6531-045

## 13A SWITCHED FUSED CONNECTION UNITS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Metal rocker white insert | **6531-044** | 86 | 86 |
| Metal rocker black insert | **6532-044** | 86 | 86 |
| Neon metal rocker white insert | **6531-045** | 86 | 86 |
| Neon metal rocker black insert | **6532-045** | 86 | 86 |



6532-046

## 13A SWITCHED FUSED CONNECTION UNITS WITH FLEX OUTLET

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Flex outlet metal cover white insert | **6531-046** | 86 | 86 |
| Flex outlet metal cover black insert | **6532-046** | 86 | 86 |
| Neon flex outlet metal cover white insert | **6531-047** | 86 | 86 |
| Neon flex outlet metal cover black insert | **6532-047** | 86 | 86 |

**Measurements:**
Millimetres (mm) unless stated otherwise



## 1 GANG DP SWITCHED SOCKET OUTLETS

6532-103

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Metal rocker white insert | **6531-103** | 86 | 86 |
| Metal rocker black insert | **6532-103** | 86 | 86 |

Flush mount box: 25mm.



## 2 GANG DP SWITCHED SOCKET OUTLETS

6531-105

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Metal rocker white insert | **6531-105** | 86 | 146 |
| Metal rocker black insert | **6532-105** | 86 | 146 |

Flush mount box: 25mm.



## 5A 1 GANG UNSWITCHED SOCKET OUTLETS

6531-109

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 5A White insert | **6531-109** | 86 | 86 |
| 5A Black insert | **6532-109** | 86 | 86 |

Flush mount box: 25mm.

TYPE A+C
**2.1A**



## 1 GANG USB SWITCHED SOCKET OUTLETS

6531-902

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Metal rocker white insert | **6531-902** | 86 | 86 |
| Metal rocker black insert | **6532-902** | 86 | 86 |

Flush mount box: 35mm.

TYPE A+C
**3.1A**



## 2 GANG USB SWITCHED SOCKET OUTLETS

6531-904

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Metal rocker white insert | **6531-904** | 86 | 146 |
| Metal rocker black insert | **6532-904** | 86 | 146 |

Flush mount box: 35 mm.

TYPE A
**2.1A**



## 1 GANG USB SWITCHED SOCKET OUTLETS

6531-912

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Metal rocker white insert | **6531-912** | 86 | 86 |
| Metal rocker black insert | **6532-912** | 86 | 86 |

Flush mount box: 35 mm.

TYPE A
**3.1A**



## 2 GANG USB SWITCHED SOCKET OUTLETS

6532-914

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Metal rocker white insert | **6531-914** | 86 | 146 |
| Metal rocker black insert | **6532-914** | 86 | 146 |

Flush mount box: 35 mm.

TYPE A+C
**4.8A**



## 2 GANG USB SWITCHED SOCKET OUTLETS

6531-917

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Metal rocker white insert | **6531-917** | 86 | 146 |
| Metal rocker black insert | **6532-917** | 86 | 146 |

Flush mount box: 35 mm.

**Measurements:**
Millimetres (mm) unless stated otherwise



## DUAL VOLTAGE SHAVER SOCKETS

6532-110

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Shaver socket white insert | **6531-110** | 146 | 86 |
| Shaver socket black insert | **6532-110** | 146 | 86 |

Flush mount box: 47mm.

KEY LOCKABLE



## KEY LOCKABLE SOCKET

6531-121

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 13A DP neon white insert | **6531-121** | 86 | 146 |
| 13A DP neon black insert | **6532-121** | 86 | 146 |



## 20A DP SWITCHES

6531-050

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Metal rocker white insert | **6531-050** | 86 | 86 |
| Metal rocker black insert | **6532-050** | 86 | 86 |

Flush mount box: 25mm.



## 20A DP SWITCHES NEON

6532-051

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Metal rocker white insert | **6531-051** | 86 | 86 |
| Metal rocker black insert | **6532-051** | 86 | 86 |

Flush mount box: 25mm.



## 20A DP SWITCHES FLEX OUTLET

6531-052

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Metal rocker white insert | **6531-052** | 86 | 86 |
| Metal rocker black insert | **6532-052** | 86 | 86 |

Flush mount box: 25mm.



## 20A DP SWITCHES NEON & FLEX OUTLET

6532-053

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Metal rocker white insert | **6531-053** | 86 | 86 |
| Metal rocker black insert | **6532-053** | 86 | 86 |

Flush mount box: 25mm.



## 20A DOUBLE POLE FLEX OUTLETS

6531-055

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Flex outlet white insert | **6531-055** | 86 | 86 |
| Flex outlet black insert | **6532-055** | 86 | 86 |

KEY LOCKABLE



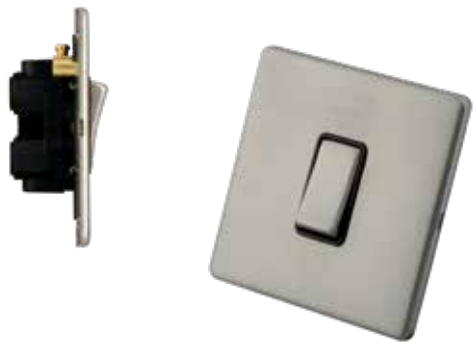
## KEY LOCKABLE SWITCH

6530-060

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 20A DP Key Lockable switch | **6530-060** | 86 | 86 |

**Measurements:**
Millimetres (mm) unless stated otherwise

**Flush mount box:**
35mm



6532-200

## 1 GANG 45A DP SWITCHES

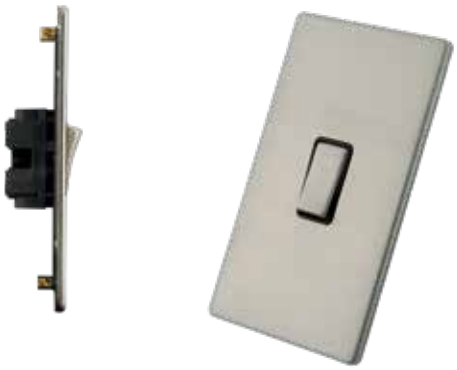
| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Metal rocker white insert | **6531-200** | 86 | 86 |
| Metal rocker black insert | **6532-200** | 86 | 86 |



6531-201

## 1 GANG 45A DP SWITCHES NEON

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Metal rocker white insert | **6531-201** | 86 | 86 |
| Metal rocker black insert | **6532-201** | 86 | 86 |



6532-202

## 2 GANG 45A VERTICAL DP SWITCHES

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Metal rocker white insert | **6531-202** | 146 | 86 |
| Metal rocker black insert | **6532-202** | 146 | 86 |



6531-203

## 2 GANG 45A VERTICAL DP SWITCHES NEON

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Metal rocker white insert | **6531-203** | 146 | 86 |
| Metal rocker black insert | **6532-203** | 146 | 86 |



6532-204

## COOKER CONTROL UNIT

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Metal rockers white insert | **6531-204** | 86 | 146 |
| Metal rockers black insert | **6532-204** | 86 | 146 |



6531-205

## COOKER CONTROL UNIT NEON

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| Metal rockers white insert | **6531-205** | 86 | 146 |
| Metal rockers black insert | **6532-205** | 86 | 146 |



6532-300

## 1 GANG COAXIAL OUTLETS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| White insert | **6531-300** | 86 | 86 |
| Black insert | **6532-300** | 86 | 86 |



6532-301

## 2 GANG COAXIAL OUTLETS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| White insert | **6531-301** | 86 | 86 |
| Black insert | **6532-301** | 86 | 86 |



6531-302

## 1 GANG SATELLITE OUTLETS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| White insert | **6531-302** | 86 | 86 |
| Black insert | **6532-302** | 86 | 86 |



6532-303

## 1 GANG COAXIAL & SATELLITE OUTLETS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| White insert | **6531-303** | 86 | 86 |
| Black insert | **6532-303** | 86 | 86 |



6531-304

## 1 GANG TELEPHONE MASTER OUTLETS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| White insert | **6531-304** | 86 | 86 |
| Black insert | **6532-304** | 86 | 86 |



6531-305

## 1 GANG TELEPHONE SECONDARY OUTLETS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| White insert | **6531-305** | 86 | 86 |
| Black insert | **6532-305** | 86 | 86 |



6532-306

## 1 GANG CAT5E DATA OUTLETS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| White insert | **6531-306** | 86 | 86 |
| Black insert | **6532-306** | 86 | 86 |



6532-310

## 1 GANG RJ11 OUTLETS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| White insert | **6531-310** | 86 | 86 |
| Black insert | **6532-310** | 86 | 86 |



6531-311

## 1 GANG COAXIAL ISOLATED OUTLETS

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| White insert | **6531-311** | 86 | 86 |
| Black insert | **6532-311** | 86 | 86 |



6530-030

## BLANK PLATES

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 1 Gang | **6530-030** | 86 | 86 |
| 2 Gang | **6530-031** | 86 | 146 |



6532-320

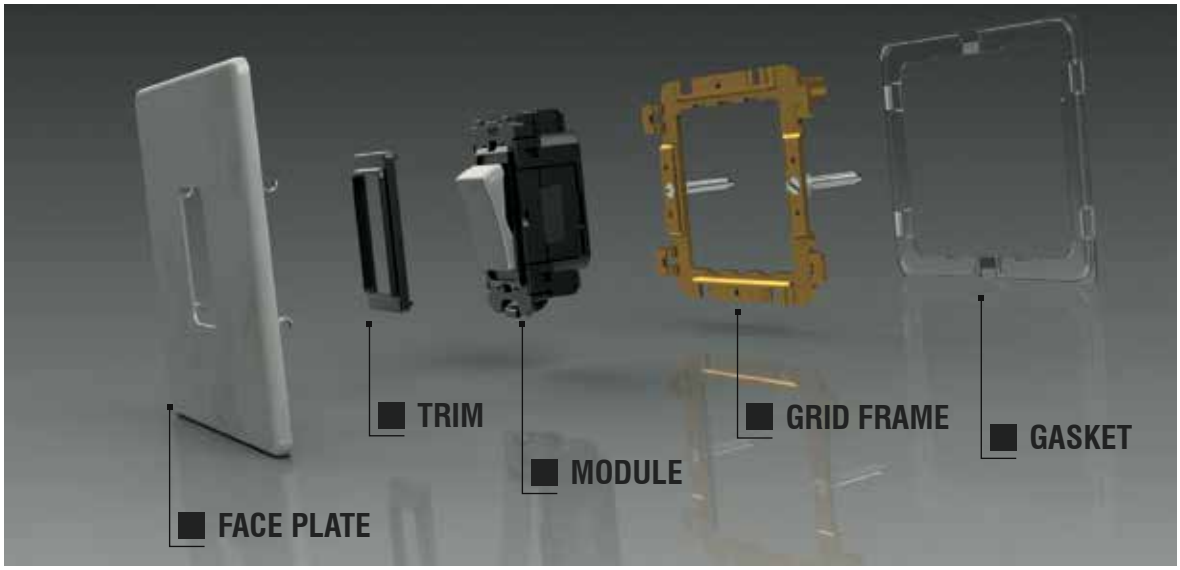
## EURO MOD PLATES

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 1 Gang 1 module white insert | **6531-320** | 86 | 86 |
| 1 Gang 1 module black insert | **6532-320** | 86 | 86 |
| 1 Gang 2 module white insert | **6531-321** | 86 | 86 |
| 1 Gang 2 module black insert | **6532-321** | 86 | 86 |
| 2 Gang 4 module white insert | **6531-322** | 86 | 146 |
| 2 Gang 4 module black insert | **6532-322** | 86 | 146 |

**Measurements:**
Millimetres (mm) unless stated otherwise

**Flush mount box:**
25mm

**For euro modules**
please see page 28







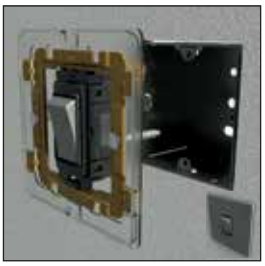
1. Slide metal frame into gasket as shown making sure that flat surface of gasket is facing the wall.



2. Insert grid module into frame



3. Select which moulded trim you wish to use, white or black and fit around module



4. Fix switch assembly to wall box then, clip on cover plate

# M2 DECORATIVE SCREWLESS

## M2 GRID:

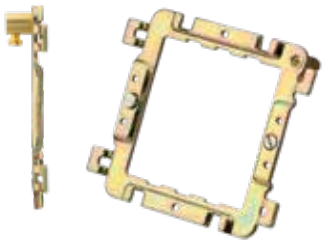
A traditional grid system incorporating mounting frames, modular face plates and modules, face plates available from 1-12 gang to enable multiple switching applications.

A full range of modules are available for both commercial & domestic applications. All grid modules are supplied with a black & white trim and are simply swapped to match the insert colour selected for the installation.



**Measurements:** Millimetres (mm) unless stated otherwise

**For grid modules** please see page 26



## 1 & 2 GANG GRID FRAME

Suitable for 1 & 2 gang grid plates

| CAT. NO. | H | W |
|---|---|---|
| **3011-359** | 68 | 80 |



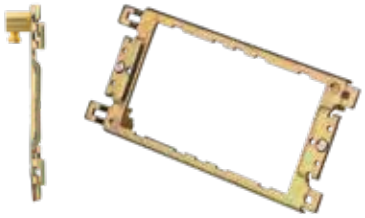
## 1 MODULE GRID PLATE

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 1 Gang | **6530-350** | 86 | 86 |



## 2 MODULE GRID PLATE

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 2 Gang | **6530-351** | 86 | 86 |



## 3 & 4 GANG GRID FRAME

Suitable for 3, 4, 6, 8, 9 & 12 gang grid plates

| CAT. NO. | H | W |
|---|---|---|
| **3011-360** | 68 | 140 |



## 3 MODULE GRID PLATE

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 3 Gang | **6530-352** | 86 | 146 |



## 4 MODULE GRID PLATE

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 4 Gang | **6530-353** | 86 | 146 |



## GRID FLUSH BACK BOX

132 mm x 132 mm x 47 mm

| DESCRIPTION | CAT. NO. |
|---|---|
| 6 & 8 Gang | **3011-361** |



## 6 MODULE GRID PLATE

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 6 Gang | **6530-354** | 146 | 146 |



## 8 MODULE GRID PLATE

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 8 Gang | **6530-355** | 146 | 146 |



## GRID FLUSH BACK BOX

192 mm x 132 mm 47 mm

| DESCRIPTION | CAT. NO. |
|---|---|
| 9 & 12 Gang | **3011-362** |



## 9 MODULE GRID PLATE

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 9 Gang | **6530-356** | 206 | 146 |



## 12 MODULE GRID PLATE

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 12 Gang | **6530-357** | 206 | 146 |

# KEY FEATURES:

## M2 CEILING RANGE WIRING ACCESSORIES

25 YEAR GUARANTEE



### FEATURES:

The stand alone M2 ceiling range comprises of all traditional ceiling accessories such as pendants and batten holders, as well as a new range of junction boxes. These boxes are available up to 60A in 3, 4 and 6 terminal options. In addition, the range offers 45A and 50A DP pull cord ceiling switches.

- High gloss curved profile
- Antimicrobial properties
- New products
- Fully tested & Certified
- Recyclable bags and cardboard

### RECYCLED PACKAGING

The packaging has been carefully selected throughout the development stages of this range to ensure we minimise our impact on the environment. Both the polybag and the inner cardboard carton are manufactured from recycled content and after use can now be recycled.





### ANTIMICROBIAL PROPERTIES

As a result of the carefully selected thermoset urea faceplate material



7010-703

## PENDANT SETS

| DESCRIPTION | CAT. NO. | L | DIA. |
|---|---|---|---|
| 6" BC | **7010-700** | 150 | 86 |
| 9" BC | **7010-701** | 225 | 86 |
| 6" E27 | **7010-703** | 150 | 86 |



## LAMP HOLDER

| DESCRIPTION | CAT. NO. | H | DIA. |
|---|---|---|---|
| T2 BC lamp holder | **7010-704** | 60 | 35 |



7010-705

## BATTEN HOLDERS

| DESCRIPTION | CAT. NO. | H | DIA. |
|---|---|---|---|
| Straight | **7010-705** | - | 75 |
| Angled | **7010-706** | - | 75 |



7010-711

## 20A JUNCTION BOXES

| DESCRIPTION | CAT. NO. | D | DIA. |
|---|---|---|---|
| 4 Terminal - large | **7010-711** | 30 | 80 |
| 4 Terminal - small | **7010-714** | 27 | 60 |
| 6 Terminal | **7010-713** | 30 | 86 |



7010-715

## JUNCTION BOXES

| DESCRIPTION | CAT. NO. | D | DIA. |
|---|---|---|---|
| 5A 4 Terminal | **7010-710** | 36 | 62 |
| 30A 3 Terminal | **7010-712** | 36 | 90 |
| 60A 3 Terminal | **7010-715** | 40 | 90 |



## CONNECTION UNIT

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 15A 10 Way | **7010-716** | 86 | 146 |



7010-720

## CEILING SWITCHES

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 10A 1 Way | **7010-720** | 43 | 43 |
| 10A 2 Way | **7010-721** | 43 | 43 |



7010-723

## DP CEILING SWITCHES

| DESCRIPTION | CAT. NO. | H | W |
|---|---|---|---|
| 45A | **7010-722** | 43 | 43 |
| 50A | **7010-723** | 43 | 43 |



## CEILING ROSE

| DESCRIPTION | CAT. NO. | H | DIA. |
|---|---|---|---|
| Ceiling rose | **7010-724** | 33 | 86 |

## ALL PRODUCTS IN THIS CATALOGUE ARE IN COMPLIANCE WITH THE FOLLOWING STANDARDS/TESTING

The design team at RPP play an important role in developing products that combine quality, value and reliability. The technical department supports this effort and are capable of carrying out all the necessary tests for CE/UKCA compliance and BS testing.
Our Sales and marketing team work alongside our technical department to ensure product development is done with the maximum input from customers and thereby making certain that product development is carried out to meet market expectations.
All RPP products are manufactured in accordance with the relevant British / European (BS EN) standards.
The strength of RPP over the years has been in its design, its investment of tooling and provision of manufacturing, having total control from initial design concept to finished products.

## CE

T93/68/EEC - The CE mark is a visible declaration by the manufacturer that the equipment which is marked complies with all the requirements of all the applicable European Union (EU) directives.
Electromagnetic Compatibility Directive 2014/30/EU
Low Voltage Directive 2014/35/EU

## UKCA

The UKCA mark is a visible declaration by the manufacturer that the equipment which is marked complies with all the requirements of all the applicable British Standards directives.
Electromagnetic Compatibility Regulations 2016
Electrical Equipment (Safety) Regulations 2016

## ENVIRONMENTAL

RPP strive for excellence in providing electrical accessory products to our expanding customer base. We place a high value on minimising the impact to the environment, and are committed to the maintenance and improvement of environmental practice in our day to day operations as a manufacturer and distributor.
In order to achieve our aims, the company will at all times ensure:

- Compliance with relevant environmental legislation, regulations and other requirements to meet environmental and customer needs.
- Prevention of pollution through the elimination or reduction of emissions and minimizing waste generation through application of reducing, reusing and recycling.
- Continual improvement of the impact to the environment of the company's products and processes. This to be achieved by the gathering of data, analysis and necessary action identified.
- Communication of the environmental policy internally to employees and externally as appropriate.
- To involve both our customers and our suppliers in a full appreciation of our overall environmental impact.
- That environmental objectives and targets to be reviewed at regular intervals.

## ENGRAVING

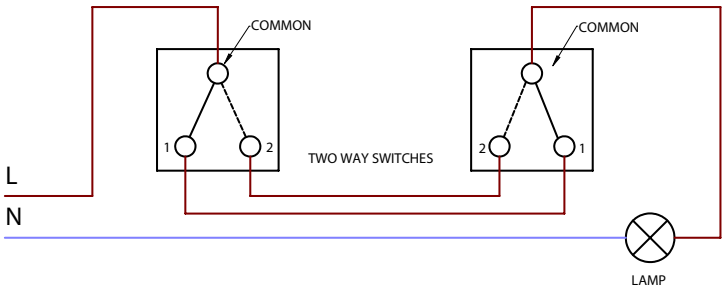
We will engrave to your specified textural detail & Font size across the ranges to the below specification, contact sales on +44(0) 1527 528024 for further assistance.

| PRINTING SPECIFICATION | |
|---|---|
| Font | Standard line copy |
| In-fill | Acrylic paint |
| Standard colours | Red, white & black |

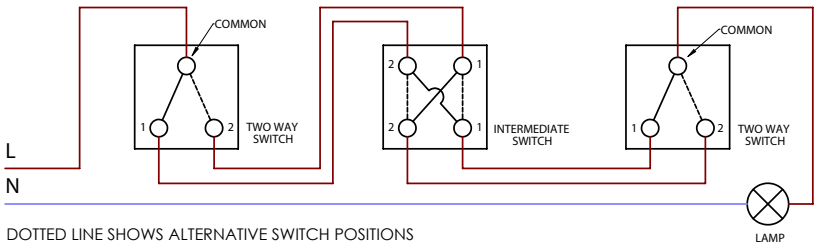
## SWITCHES

The range of M2 light switches are designed for ease of installation and are available in one or two gang, intermediate and multi-pole switch configurations, there is also double pole switching options available.

Two Way Switching



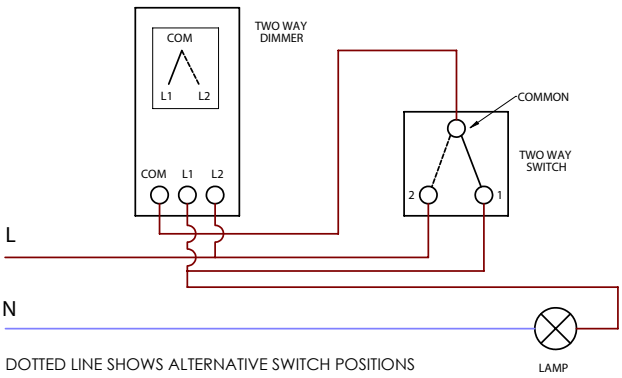

Two Way Intermediate Switching




## DIMMERS

The range of M2 dimmer switches are available in one and two gang configurations with up to four operational dimmers on one plate.

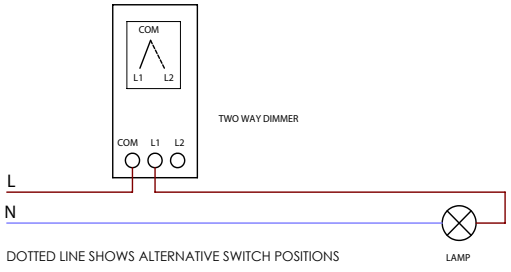
- One and two way switching available on each dimmer switch.
- Integrated over temperature protection fuse fitted (non replaceable).
- Leading edge & trailing edge.
- For use with inductive and resistive loads.
- Dimmer switches available in 400W.
- It is recommended that the lamps Manufactured by LIF (Light Industry Federation) members only are used with the M2 range of dimmer switches.




## DIMMERS

| DESCRIPTION | CAT. NO. |
|---|---|
| Electronic Transformer (E) | These can be mounted remotely, but are now more commonly an integral part of the light fitting. Normally an output range of between 50-200VA. Not all electronic transformers are dimmable, check with manufacturer |
| Toroidal Transformer (T) | Most toroidal transformers are dimmable, but confirm with manufacturer. Normal output range up to 400VA. A 'soft-start' dimmer should be used with toroidal transformer dimming. |
| Wire Wound Transformer (W/W) | These are normally remotely mounted and have the largest range in VA sizes. |
| Note: No dimmers are available for fluorescent lamps | |

| DIMMER MODULE GUIDELINES | | |
|---|---|---|
| Type: | 400W | 10A Switch |
| Operational Range | 60-400W | 10A |
| Max. Mains Voltage | 240V | 240V |
| Max. Low Voltage Capacity | 400W | - |
| GU10 Lamp Capacity | 400W | - |
| Transformer Capacity | E / T/ W | - |

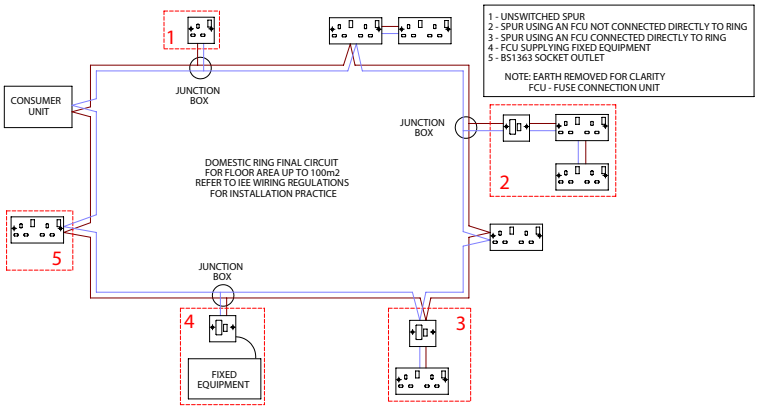


## SOCKETS

The range of M2 socket outlets are designed for ease of installation and are available in one or two gang configurations, there are also double pole switching options available.

Red 'ON' indication to show position of switch rocker.

- Top access twin colour coded angled terminals to help with ease of wiring.
- Neon switch rocker indication available.
- Captive terminal screws help with installation of sockets.
- Silver switching contacts with a 3mm contact gap.




## USB SOCKETS

| | |
|---|---|
| **COMPLIANCE:** | BS 1363 PT2:1995 \| CE Compliant:93/68/EEC \| EN 61000-6-1:2007 \| EN 61000-6-3:2007/+A1:2011 \| EMC Directive 2004/108/EC \| EU REACH Regulation No1907/2006 \| UKCA |
| **MOUNTING BOXES:** | Flush (1 gang): 35mm. Flush (2 gang): 25mm. Surface: 29mm |
| **TERMINAL CAPACITY:** | Live & Neutral: 4 x 2.5mm$^2$ \| Earth: (dual) 8 x 2.5mm$^2$ |
| **FACE PLATE MATERIAL:** | Thermoset Urea / Stainless Steel / Steel |
| **SWITCHING:** | Single Pole |
| **CURRENT:** | 13A \| USB rating varies see product pages for more information |
| **VOLTAGE:** | 230V |
| **FREQUENCY:** | 50Hz |
| **ENVIRONMENTAL ISSUES:** | Packaging Waste:<br>Cardboard/LDPE4 bags – Made from recycled content and can been recycled.<br>RoHS Complaint – ref: 2011/65/EU<br>The products manufactured & otherwise supplied by the company do not have any perceived or known hazardous materials or by-products that would be deemed hazardous to the environment. |

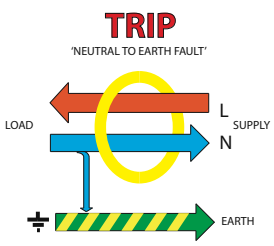
## RCD SOCKETS

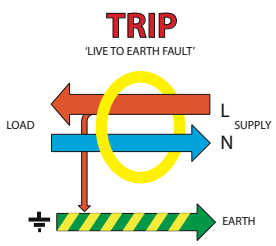
### Passive

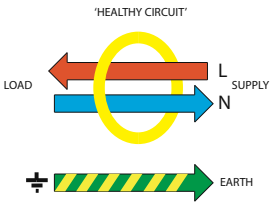
Passive controlled RCD sockets incorporate a mechanism which is mechanically latched (closed) in the event of a mains failure situation, the socket RCD will operate under normal residual fault conditions.
This type of device is suitable for fridge / freezer applications or in unmanned locations where a possible mains power failure could damage equipment.

### Active

Active controlled RCD sockets incorporate a mechanism which is magnetically latched in the closed position and will automatically open in the event of a mains failure situation, the socket RCD will operate under normal residual fault conditions.
This type of device is suitable for hazardous equipment which would energise on the return of the mains power, rotary or heating equipment.



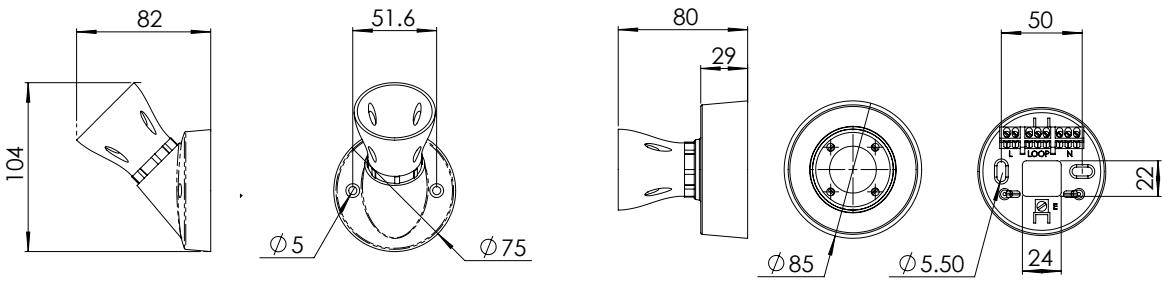



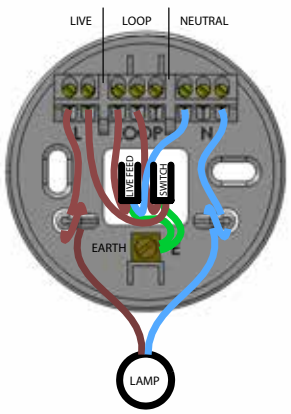
## CEILING ROSES

The range of M2 ceiling roses are available with either 6” or 9” pendant sets, straight or angled batten holders and ceiling rose or lamp holder with no flex included.

- Ceiling roses have eight terminals including Live, Neutral and Loop terminations plus a separate brass earth terminal block.
- Ceiling roses can accept 3 x 1.5mm² cable into the Live & Neutral terminal and 5 x 1.5 m² cable into the Earth terminal.
- Straight and angled batten holders can accept 3 x 1.5mm² cable into the Live & Neutral terminal and 6 x 1.5mm² cable into the Earth terminal (straight holder) 3 x 1.5mm² cable into the Earth terminal (angled holder).
- PVC Heat Resistant 318Y H05VV-F / 0.75mm² x 2 Core 6” or 9” drop

Typical pendant wiring schematic

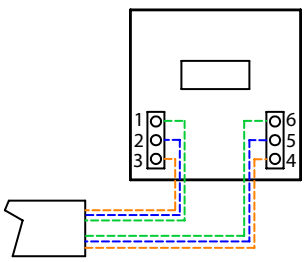



## TELEPHONE

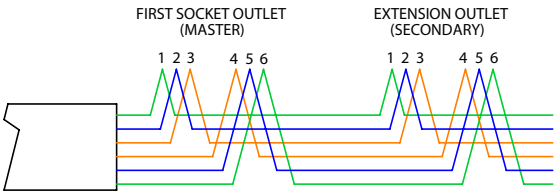
The range of M2 telephone and data modules are available in one and two gang configurations with multi-outlet options on one plate.

- Master and extension telephone sockets available.
- All connection options available including BNC, RJ45, CAT5, CAT5e and ISDN connectors.
- TV and satellite connector PCBs are enclosed in a protective die-cast housing.
- TV and satellite connectors available from single connection to four connection versions for all applications.
- Non-isolated and fully screened outlets with earth terminal.
- Supplementary TV outlets with back feed for further distribution.




MAIN WIRE COLOURS
ARE SHOWN IN CAPITALS

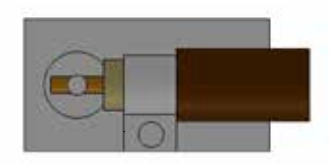
1 - GREEN / white
2 - BLUE / white
3 - ORANGE / white
4 - WHITE / orange
5 - WHITE / blue
6 - WHITE / green

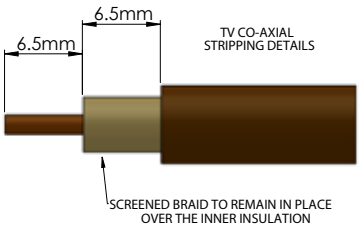


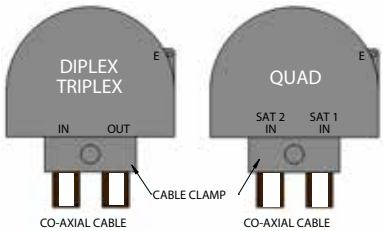
## TELEVISION

The range of M2 television sockets are available in Digital and Analogue to include TV, satellite, FM & DAB outlets. The Digital outlets can be used as a main receiving point within the property or an additional point in conjunction with either a Distribution Unit, Combining Unit or Multi Switch.

- Digital Outlets are enclosed in a protective die-cast housing.
- Non Isolated and fully screened outlets with earth terminals.






## WEATHERPROOF ACCESSORIES

M2 weatherproof is an IP66 range of weatherproof accessories principally comprising of four main enclosures, accepting either standard one and two gang plate accessory products or our euro modules & plates, M2 weatherproof thereby offers a fully comprehensive range for all outdoor applications. A wide choice of accessories are available including switches, sockets, spurs and data outlets. Manufactured from tough polycarbonate with a clear or solid lift up cover and neoprene seals to ensure compliance to IP66. Plug entry seals to clamp onto the flex of the equipment to ensure a tight seal when in operation.

BS EN 60529:1991- Degrees of protection provided by enclosures

## IP66 SPECIFICATION

| FIRST NUMERAL | REQUIREMENTS | SECOND NUMERAL | REQUIREMENTS |
|---|---|---|---|
| 6 | Protected against dust & small particles | 6 | Protected from powerful jets of water from all directions |



