

Part M Range™

Visually Contrasting
Wiring Accessories

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Visually Contrasting Wiring Accessories

Antiviral Certified

Mode® Part M™ plates have been independently tested and have shown to have anti-viral properties against enveloped and non-enveloped viruses.

After a contact period of 4 hours, Mode® Part M™ was shown to have a 99.9% kill off rate against enveloped viruses and a 92% kill off rate against non-enveloped viruses.



Antibacterial Certified

Mode® Part M™ wiring accessories are manufactured using Urea Formaldehyde, which has similar inherent properties to antimicrobial additives that inhibit the growth of infectious diseases.

All products independently tested achieved a 99.99% kill off rate across all four types of the strains of bacteria - MRSA, E-Coli, Salmonella, Klebsiella Pneumonia and enveloped viruses.

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The Mode® range has been expanded to include a range of anthracite grey finished accessories to comply with current Building Regulations Part M.

The modular design is a standard feature of the Mode® range allowing designers and installers unprecedented flexibility in creating dedicated wiring solutions to deal specifically with virtually all wiring requirements.

All Mode® wiring accessories are tested and compliant with all UK and European standards.

All Mode® wiring accessories are covered by a comprehensive 'No Quibble' 20 year guarantee against any fault in materials or manufacture.

Building Regulations Part M

Part M1 of the Building Regulations refers to the 'Access and Use' of a building and its facilities with Sections 4.25 to 4.30 then refining the use and design considerations of switches, outlets and controls.

Part of the requirements of Part M1 is to aid disabled people within their surroundings, being able to activate a light, socket or control within arms length, for the visually impaired being able to identify the units' position against its surrounding décor, and for the infirm a suitable pull-cord switch to raise the alarm in the event of an emergency.

The Part M™ Range brochure offers suitable solutions to the elements raised in Part M1 (4.25 to 4.30) with anthracite grey accessories contrasting against the high reflective décor used in the majority of today's buildings along with a range of pull-cord switches with alternative cords and bangles.

As well as the Mode® anthracite grey finish accessories, the wide range of Click® moulded, decorative and metal clad accessories offer alternatives to either suit or contrast against the surrounding décor.



Design Considerations

The key factors that affect the use of switches, outlets and controls are ease of operation, visibility, height and freedom from obstruction.

- A consistent relationship with doorways and corners will further reinforce the ease with which people manipulate switches and controls
- All users should be able to locate a control, know which setting it is on and use it without setting it on and use it without inadvertently changing its setting
- Controls that contrast visually with their surroundings are more convenient for visually impaired people, as are light switches that are activated by a large push pad
- It is also an advantage if individual switches on panels and on multiple socket outlets are well separated, or in the form of large touch plates, to avoid the inadvertent selection of an adjacent control by visually impaired people and people with limited dexterity



Pull Cord Provisions

- Where wall mounted switches cannot be provided, i.e. bathrooms and toilets, lighting pull cords are recommended. A 50mm bangle visually contrasting with its background needs to be fitted between 900mm and 1100mm above the floor.
- For emergency alarms systems the pull cord and bangle needs to be coloured red and located as close to a wall as possible. Two bangles are to be fitted, one set at 100mm and the other set between 800mm and 1000mm above the floor.





Switches

10AX Plate Switches (Modular)

All 10AX plate switches feature individual switch modules all fully interchangeable between plastic and metal ranges - thus providing optimum flexibility in wiring.

MINIGRID®



The products illustrated in this section of the catalogue are finished plates and unfurnished mounting plates.

For comprehensive information on the full range of modules available please refer to our Minigridd® product brochure.



Switches

Part M Range™

H7

PART M RANGE™



CMA011AG



CMA012AG



CMA013AG



CMA811AG



CMA812AG



CMA813AG

MINIGRID® Polar White switch modules fitted, interchangeable with MiniGrid® Modules. For the complete range of MiniGrid® modules, see the dedicated MiniGrid® section, page J18.

Plates Switches - MiniGrid®

- CMA011AG 10AX 1 Gang 2 Way Plate Switch
- CMA012AG 10AX 2 Gang 2 Way Plate Switch
- CMA013AG 10AX 3 Gang 2 Way Plate Switch

Wide Rocker Switches - Non Modular

- CMA811AG 10AX 1 Gang 2 Way Wide Rocker Switch
- CMA812AG 10AX 2 Gang 2 Way Wide Rocker Switch
- CMA813AG 10AX 3 Gang 2 Way Wide Rocker Switch

Standards: BS EN 60669-1
 Back Box Depth: 16mm Minimum
 Cable Size: 011 012 013: 4 x 1.5mm² or 2 x 2.5mm² 811 812 813: 2 x 1.5mm²
 Dimensions: 86mm (W) x 86mm (H) x 9.5mm (D)



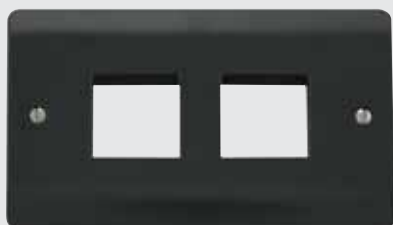
CMA401AG



CMA402AG



CMA403AG



CMA404AG



CMA426AG



For the complete range of MiniGrid® modules, see the dedicated MiniGrid® section, page J18.

Unfurnished Plates - MiniGrid®

- CMA401AG 1 Gang MiniGrid® Unfurnished Plate - 1 Aperture
- CMA402AG 1 Gang MiniGrid® Unfurnished Plate - 2 Apertures
- CMA403AG 1 Gang MiniGrid® Unfurnished Plate - 3 Apertures
- CMA404AG 2 Gang MiniGrid® Unfurnished Plate - 2 x 2 Apertures
- CMA426AG 2 Gang MiniGrid® Unfurnished Plate - 6 In-Line Apertures

Standards: BS 5733
 Back Box Depth: Dependent On Modules Fitted
 Dimensions: 1 Gang: 86mm (W) x 86mm (H) x 9.5mm (D) 2 Gang: 146mm (W) x 86mm (H) x 9.5mm (D)



VPAG518



VPAG512



The furnished plate shown here contains a selection of both single and twin width MiniGrid® modules. The yoke 'GR100' is required to mount the MiniGrid® modules into prior to assembling the frontplate.



If dimmer modules are to be mounted directly above each other, the MD9014 (page J37) or similar height dimmer modules must be installed. Alternatively, retractive switch modules MD004 (page J21) can be used in conjunction with Click Smart+ dimming receivers (page A18).

2 Tier Unfurnished Plates - MiniGrid®

- VPAG512 2 Tier MiniGrid® Unfurnished Plate c/w Gaskets - 12 Apertures - Part M™
 Polar™ & Deco® Victorian plate finishes also available. 2 x GR100 Yokes required, see page H10

3 Tier Unfurnished Plates c/w Gaskets - MiniGrid®

- VPAG518 3 Tier MiniGrid® Unfurnished Plate c/w Gaskets - 18 Apertures - Part M™
 Polar™ & Deco® Victorian plate finishes also available. 3 x GR100 Yokes required, see page H10.

Standards: BS 5733
 Back Box Depth: 47mm
 Dimensions: 512: 146mm (W) x 146mm (H) x 8mm (D) 518: 146mm (W) x 227mm (H) x 8mm (D)



GR100



WA512



WA518

MINIGRID® Galvanised steel back boxes supplied for flush mounting of the large MiniGrid® plates. Mounting Yoke facilitates pre-assembly of required modules. Fitted with twin earth terminals.

Yokes

- GR100BK MiniGrid® Module Yoke - 6 Apertures - Black
- GR100PW MiniGrid® Module Yoke - 6 Apertures - White

Galvanised Steel Back Boxes

- WA512 2 Tier 47mm Deep K.O. Box
- WA518 3 Tier 47mm Deep K.O. Box

Standards: 512 518: BS 4662

Dimensions: GR100: 129mm (W) x 55mm (H) x 14mm (D)
 WA512: 137mm (W) x 137mm (H) x 47mm (D)
 WA518: 137mm (W) x 197mm (H) x 47mm (D)

Power Socket Outlets, Fused Connection Units & Control Switches

All Part M™ 13A sockets and fused connection units are tested and approved to BS1363 offering assured quality and safety.

The provision of large twin earth terminals on our Two Gang sockets and fused connection units greatly facilitates wiring and installation

The Part M™ range offers a solution for almost every possible design need and will enhance the décor of any area whether in a kitchen, bedroom, lounge or study etc...

13A Wall Socket Outlets
 Fused Connection Units
 DP Switches





CMA035AG | CMA1035AG



CMA836AG | CMA1836AG



CMA835AG | CMA1835AG



CMA840AG | CMA1840AG

Switched Socket Outlets

- CMA035AG 13A 1 Gang DP Switched Socket
- CMA835AG 13A 1 Gang DP Switched Socket With Neon
- CMA836AG 13A 2 Gang DP Switched Socket With Outboard Rockers (Twin Earth)
- CMA840AG 13A 2 Gang DP Switched Socket With Neons & Outboard Rockers (Twin Earth)

Switched Safety Shutter Socket Outlets

- CMA1035AG 13A 1 Gang DP 3 Pin Safety Shutter Switched Socket
- CMA1835AG 13A 1 Gang DP 3 Pin Safety Shutter Switched Socket & Neon
- CMA1836AG 13A 2 Gang DP 3 Pin Safety Shutter Switched Socket With Outboard Rockers (Twin Earth)
- CMA1840AG 13A 2 Gang DP 3 Pin Safety Shutter Switched Socket With Outboard Rockers & Neons (Twin Earth)

Standards: BS 1363-2
 Back Box Depth: 25mm Minimum Cable Size: 3 x 2.5mm² or 2 x 4mm²
 Dimensions: 1 Gang: 86mm (W) x 86mm (H) x 9.5mm (D) 2 Gang: 146mm (W) x 86mm (H) x 9.5mm (D)



CMA735AG
Locating socket



CMA736AG
Locating socket

Locating Plug Sockets

- CMA735AG 13A 1 Gang DP Switched Locating Plug Socket
- CMA736AG 13A 2 Gang DP Switched Locating Plug Socket With Outboard Rockers (Twin Earth)

Standards: BS 1363-2
 Back Box Depth: 25mm Minimum Cable Size: 3 x 2.5mm² or 2 x 4mm²
 Dimensions: 1 Gang: 86mm (W) x 86mm (H) x 9.5mm (D) 2 Gang: 146mm (W) x 86mm (H) x 9.5mm (D)



CMA771UAG



CMA770AG



CMA780AG



CMA786AG

Switched Sockets With USB Outlets

- CMA771UAG 13A 1 Gang Switched Socket With 2.1A USB Outlet (Twin Earth)
- CMA770AG 13A 2 Gang Switched Socket With 2.1A USB Outlet (Twin Earth)
- CMA780AG 13A 2 Gang Switched Socket With Twin 2.1A USB Outlets (4.2A) (Twin Earth)
- CMA786AG 13A 2 Gang Switched Safety Shutter Socket Outlet With Type A & C USB (4.2A) Outlets (Twin Earth)

Standards: BS 1363-2: 2016 +A1: 2018 BS EN IEC 62368-1 BS EN 62680-1-1
 Back Box Depth: 25mm Minimum Cable Size: 3 x 2.5mm² or 2 x 4mm²
 Dimensions: 1 Gang: 86mm (W) x 86mm (H) x 9.5mm (D) 2 Gang: 146mm (W) x 86mm (H) x 9.5mm (D)



CMA023AG



CMA052AG



CMA650AG



CMA651AG



CMA652AG



CMA500AG



CMA501AG



CMA501AG

20A Control Switches With Optional Flex Outlet Through The Bottom

- CMA023AG 20A DP Switch With Neon

Fused Connection Units With Optional Flex Outlet Through The Bottom

- CMA052AG 13A Switched Fused Connection Unit With Neon

Fused Connection Units Without Flex Outlet

- CMA650AG 13A Fused Connection Unit
- CMA651AG 13A Switched Fused Connection Unit
- CMA652AG 13A Switched Fused Connection Unit With Neon

45A Switches And Socket Outlets

- CMA500AG 45A 1 Gang DP Switch
- CMA501AG 45A 1 Gang DP Switch With Neon
- CMA504AG 45A 2 Gang DP Switch With 13A DP Switched Socket Outlet

Standards: BS 1363-4 BS 1362 023 500 501: BS EN 60669-1 504: BS 4177 Back Box Depth: 25mm Minimum 45A: 35mm Minimum
 Cable Size: 3 x 2.5mm² or 2 x 4mm² 023: 3 x 2.5mm² 45A: 1 x 16mm²
 Dimensions: 1 Gang: 86mm (W) x 86mm (H) x 9.5mm (D) 2 Gang: 146mm (W) x 86mm (H) x 9.5mm (D)



PRC210AG



PRC216AG



PRW210RD | PRW211RD



PRW208AG



PRW213AG

Security Screws

SP625 Standard M3.5 Security Screw 25mm Long (Bag 100)

Require 2mm security allen key/driver.



SP625

Pull Cord Switches

- PRC210AG 10AX 2 Way Pull Cord Switch With Grey Bangle
- PRC216AG 16A DP Pull Cord Switch With Grey Bangle
- PRW208AG 10A 3 Pole Fan Isolation Pull Cord Switch With Grey Bangle
- PRW210AG 45A DP Pull Cord Switch With Mechanical 'On/Off' & Neon - Grey Bangle
- PRW210RD 45A DP Pull Cord Switch With Mechanical 'On/Off' & Neon - Red Bangle
- PRW211AG 50A DP Pull Cord Switch With Mechanical 'On/Off' & Neon - Grey Bangle
- PRW211RD 50A DP Pull Cord Switch With Mechanical 'On/Off' & Neon - Red Bangle
- PRW213AG 50A DP Round Pull Cord Switch With Mechanical 'On/Off', Neon, Pattress & Grey Bangle
- PRW213RD 50A DP Round Pull Cord Switch With Mechanical 'On/Off', Neon, Pattress & Red Bangle

Standards: BS EN 60669-1
 Back Box Depth: 208: 25mm Minimum PRC210 213 216: Supplied PRW210: 35mm Minimum 211: 47mm
 Cable Size: 208 PRC210 216: 2 x 1.5mm² or 1 x 2.5mm² PRW210: 11 x 6mm² 211 213: 1 x 25mm²
 Dimensions: 86mm (W) x 86mm (H) x 43mm (D) PRW213: 100mm (Dia) x 77mm (D)
 PRC210 216: 70mm (Dia) x 42mm (D) 86mm (W) x 86mm (H) x 43mm (D)



CMA310AG



CMA312AG



MM410WH



MM440WH



CMA311AG



For a complete range of New Media™ modules please see our dedicated New Media™ catalogue.

Unfurnished Plates - New Media™

- CMA310AG 1 Gang New Media™ Unfurnished Plate - 1 Aperture
- CMA311AG 1 Gang New Media™ Unfurnished Plate - 2 Apertures
- CMA312AG 2 Gang New Media™ Unfurnished Plate - 4 Apertures

Selecting from a range of module inserts covering all manner of media transfer, the installer will now be able to configure their own arrangement of TV, radio or satellite reception, plus speaker, telephone and data outlets. All modules can be inserted into single or double wall plates, fitted onto standard switch and socket boxes.

All New Media™ plates are suitable for use with standard euro module inserts.

Standards: BS 5733
 Back Box Depth: Dependent On Modules Fitted
 Dimensions: 1 Gang: 86mm (W) x 86mm (H) x 9.5mm (D) 2 Gang: 146mm (W) x 86mm (H) x 9.5mm (D)



Provision For Meeting The Design Considerations

Section 4.30 of Part M™ lays out the provisions for satisfying the design considerations.

- a. Socket outlets are located consistently to doorways and room corners, but in any case no nearer than 350mm from room corners.
- b. Wall mounted sockets outlets, telephone, data and TV outlets are located between 400mm and 1000mm above the floor, with a preference for the lower end of the range.
- c. Switches for permanently wired appliances are located between 400mm and 1200mm above the floor, unless needed at a higher level for particular appliances.
- d. Controls that need close vision are located between 1200mm and 1400mm above the floor, so that readings may be taken by a person sitting or standing.
- e. All switches that require precise hand movements are located between 750mm and 1200mm above the floor.
- f. Light switches for use by the general public have large push pads and align with door handles within the range 900mm to 1100mm, for ease of location when entering a room.
- g. Simple push button controls that require limited dexterity are not more than 1200mm above the floor.

Range	LRV	
CMA***AG	8.9	Anthracite Grey Range
CMA***	74.3	Mode® Range
PRW***	74.3	Polar™ Range
CCA***	74.3	Curva® Range
WA***	83.6	Accessories White Range
CL***	37	Metal Clad Range
WA***RD	15.3	Red Range

GridPro®, Minigrid® & New Media™ Modules		
Finish	LRV	
PW	74.3	Polar White
WH	83.6	Accessories White
BK	4.9	Black
RD	15.3	Red

Decorative Finishes		
Finish	LRV	
AB*	34.1	Antique Brass
BN*	18.4	Black Nickel
PN*	43.3	Pearl Nickel
SB*	66.9	Satin Brass
SC*	38.3	Satin Chrome
SS*	49.8	Stainless Steel

LRV values for finishes with * should be used with caution as the gloss level on these can give inaccurate results depending on lighting and or viewing conditions.

Part M™ Section 0.26 indicates that the visual perception of one element of the building, or fitting within the building against another has a greater light reflectance value difference of 30 points, where black = 0 points and white = 100 points. Where illuminance on surfaces is greater than 200 LUX a difference in light reflectance value should be a minimum of 20 points.

Example: Anthracite grey (LRV 8.9) on a brilliant white background (LRV 100) gives a contrast of 91.1 points which complies with Part M™.

Section 4.30 '(m) frontplates contrast visually with their backgrounds'. This requirement is open to interpretation, with one being the complete product contrasting against its background and another with the switch contrasting against its frontplate. The Part M™ range of products satisfies both.

The contrast values are stipulated within - Design guidance for internal built environments - Reading University.

The information relayed in this brochure is for guidance only, with the specifier or contractor having the responsibility of selecting the products which comply with Part M™ and ensuring they are installed and positioned to meet the regulations.



WA095



WA102



WA106P



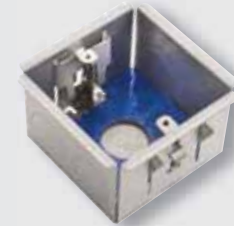
WA107P



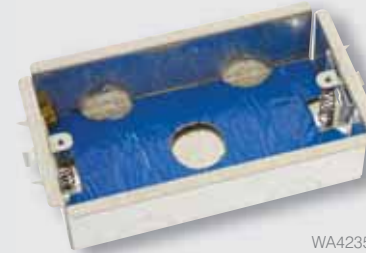
GA100



WA4135



WA4147



WA4235



WA4247

essentials™

For the complete range of back boxes see Essentials™ page M4.



For the complete range of FlameGuard® back boxes see Essentials™ page M8.

Galvanised Steel Back Boxes

- WA092 1 Gang 16mm Deep Galvanised Steel K.O. Box
- WA093 1 Gang 25mm Deep Galvanised Steel K.O. Box
- WA094 2 Gang 25mm Deep Galvanised Steel K.O. Box
- WA095 1 Gang 35mm Deep Galvanised Steel K.O. Box
- WA096 2 Gang 35mm Deep Galvanised Steel K.O. Box
- WA097 1 Gang 47mm Deep Galvanised Steel K.O. Box
- WA098 2 Gang 47mm Deep Galvanised Steel K.O. Box
- WA099 1 + 1 35mm Deep Dual Accessory Box
- WA102 1 + 2 35mm Deep Dual Accessory Box

Dry Lining Boxes

- WA087P 1 Gang 35mm Deep Dry Lining Box
- WA088P 2 Gang 35mm Deep Dry Lining Box
- WA106P 1 Gang 47mm Deep Dry Lining Box
- WA107P 2 Gang 47mm Deep Dry Lining Box
- WA108P Round Ceiling 34mm Deep Dry Lining Box

'Ezylink' Dry Lining Box Connector

- GA100 'Ezylink' Dry Lining Box Connector

FlameGuard® Dry Lining Boxes

- WA4135 1 Gang 35mm Deep FlameGuard® Dry Lining Box
- WA4235 2 Gang 35mm Deep FlameGuard® Dry Lining Box
- WA4147 1 Gang 47mm Deep FlameGuard® Dry Lining Box
- WA4247 2 Gang 47mm Deep FlameGuard® Dry Lining Box

FlameGuard® back boxes have been tested and conform to both fire and acoustic BS EN standards. Fire: BS EN 1364-1 Acoustic: BS EN ISO 140-2. Complies with Building Regulations Fire tested up to 90 minutes with the capability of the boxes being mounted back to back.

Standards: BS 4662 BS EN 1364-1 BS EN ISO 10140-2
 Cutout sizes: 1 Gang: 73mm (W) x 73mm (H) 2 Gang: 132mm (W) x 73mm (H)
 Dimensions: 1 Gang: 82mm (W) x 82mm (H) x 35mm (D) 2 Gang: 142mm (W) x 82mm (H) x 47mm (D)

H22

PART M RANGE™

