

Part M Range<sup>™</sup>

#### Part M Range™

Visually Contrasting Wiring Accessories

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

Our Part M™ range features the modular design of the Mode® range allowing designers and installers unprecedented flexibility in creating dedicated wiring solutions to deal specifically with virtually all wiring requirements.

All Part M™ wiring accessories are tested and compliant with all UK and European standards.





## 25 Year Warranty

## 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 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 todays' buildings along with a range of pull-cord switches with alternative cords and bangles.



### Antiviral & Antibacterial Certified

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

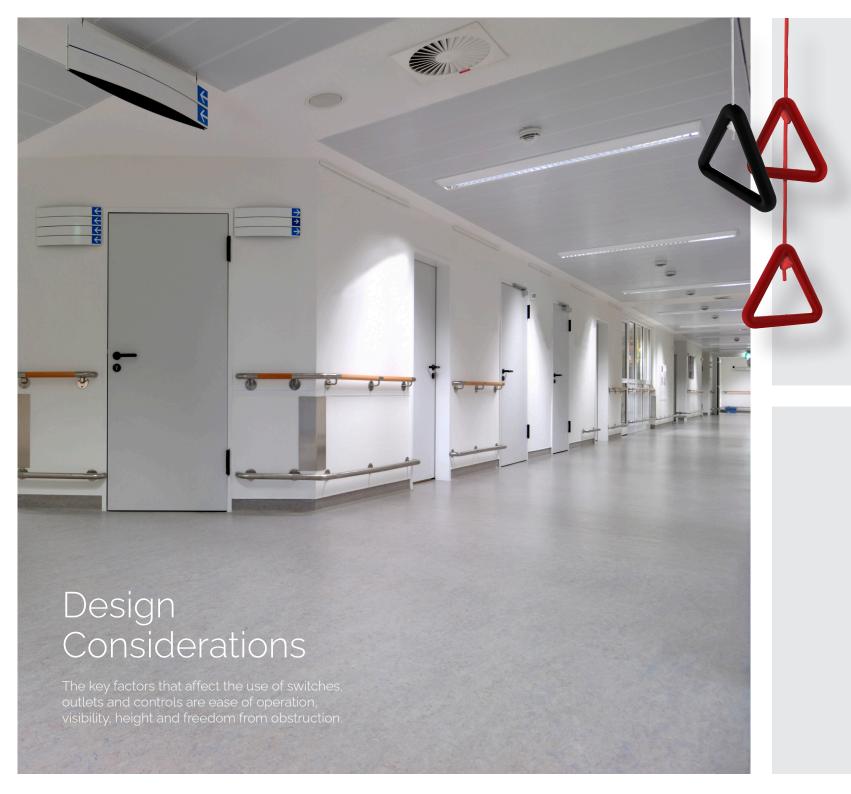
Part M™ plates have been independently tested and have shown to have anti-viral properties against enveloped and non-enveloped viruses.

After a contact period of 4 hours, 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.

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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#### 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.

- 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.



MINIGRID®

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

For information on the full range of modules available please refer to the Minigrid® section of this catalogue.

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

Switches Part M Range™



#### 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
CMA825AG 10AX 1 Gang Wide Rocker Intermediate Switch
CMA828AG 10AX 1 Gang 2 Way Wide Rocker Retractive Switch

Standards: BS EN 60669-1 Back Box Depth (mm): 16 Cable Size (mm<sup>2</sup>): **011 012 013**: 4 x 1.5 or 2 x 2.5 **811 812 813 825 828**: 2 x 1.5 Dimensions (mm): 86 (W) x 86 (H) x 9.5 (D)





#### 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 (mm): Dependent On Modules Fitted
Dimensions (mm): 1 Gang: 86 (W)  $\times$  86 (H)  $\times$  9,5 (D) 2 Gang: 146 (W)  $\times$  86 (H)  $\times$  9,5 (D)



Standards: BS 5733
Back Box Depth (mm): 47
Dimensions (mm): §12: 146 (W) x 146 (H) x 8 (D) 518: 146 (W) x 227 (H) x 8 (D)



used in conjunction with Click Smart+ dimming receivers

(page B22).

## Example of yoke furnished with modules FAN



#### Yokes

GR100BK MiniGrid® Module Yoke - 6 Apertures - Black GR100PW MiniGrid® Module Yoke - 6 Apertures - White GR100GY MiniGrid® Module Yoke - 6 Apertures - Grey

2 or 3 yokes are required based on the backbox selected.

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

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All Part M<sup>™</sup> 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...

Part M Range™



#### **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 Switched Socket

CMA1835AG 13A 1 Gang DP Switched Socket & Neon

CMA1836AG 13A 2 Gang DP Switched Socket With Outboard Rockers (Twin Earth)

CMA1840AG 13A 2 Gang DP Switched Socket With Outboard Rockers & Neons (Twin Earth)

Safety Shuttered Sockets listed are only available for sale in the Republic of Ireland.



#### **Unswitched Socket Outlets**

CMA030AG 13A 1 Gang Unswitched Socket

CMA032AG 13A 2 Gang Unswitched Socket (Twin Earth)

 $\begin{array}{l} Standards: BS 1363-2 \\ Back \ Box \ Depth \ (mm): 25 \ \ Cable \ Size \ (mm^2): 3 \times 2.5 \ or 2 \times 4 \\ Dimensions \ (mm): \ \textbf{1 Gang}: 86 \ (W) \times 86 \ (H) \times 9.5 \ (D) \ \textbf{2 Gang}: 146 \ (W) \times 86 \ (H) \times 9.5 \ (D) \end{array}$ 



#### **Locating Plug Socket Outlets**

CMA735AG 13A 1 Gang DP Switched Locating Plug Socket

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

#### **Dual Voltage Shaver Socket Outlet**

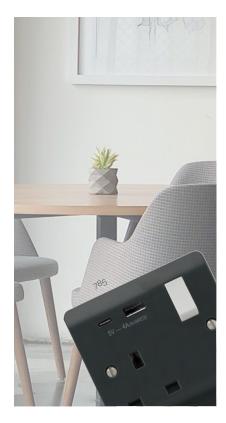
CMA100AG 115/230V Dual Voltage Shaver Socket

Click\* dual voltage shaver outlets incorporate a double wound isolating transformer rated 20Va at 230V or 115V and meets BS EN 61558-2-5;2010 making it safe for use in bathrooms. Shaver outlet is not continuously rated and therefore not suitable for use as a permanent charging outlet.

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Part M Range™





#### **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

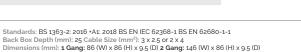
(4.2A) (Twin Earth)

CMA785AG 13A 1 Gang Switched Socket Outlet With Type A & C USB (4A) Outlets

(Twin Éarth)

CMA786AG 13A 2 Gang Switched Socket Outlet With Type A & C USB (4.2A) Outlets

(Twin Éarth)





#### 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 CMA653AG 13A Fused Connection Unit With Neon



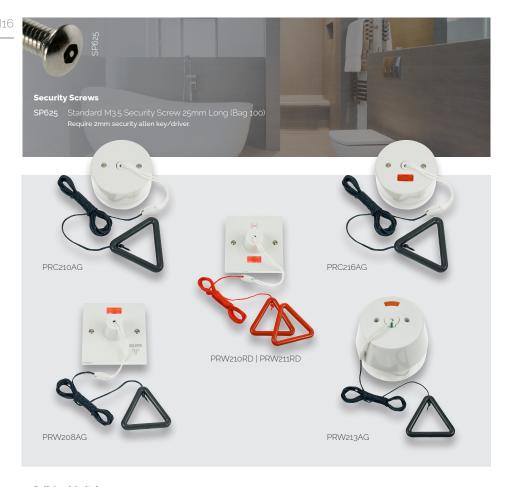
#### 45A Switches And Socket Outlets

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CMA500AG 45A 1 Gang DP Switch
CMA501AG 45A 1 Gang DP Switch With Neon

CMA503AG 45A 2 Gang (Vertical) DP Switch With Neon
CMA504AG 45A 2 Gang DP Switch With 13A DP Switched Socket Outlet

CMASOTAG 45A I Gang DP SWICH WITH Neon CMASO4AG 45A 2 daily DP SWICH WITH 13A DP SWICHEG SOCKET CULTER



#### **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





Unfurnished Plates



#### 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

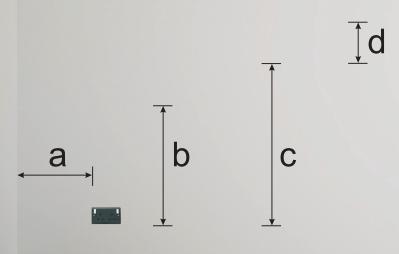
Standards: BS 5733 Back Box Depth (mm): Dependent On Modules Fitted Dimensions (mm): 1 Gang: 86 (W) x 86 (H) x 9.5 (D) 2 Gang: 146 (W) x 86 (H) x 9.5 (D)



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### Provision for meeting the design considerations

Section 4.30 of Part M<sup>™</sup> lays out the provisions for satisfying the design considerations.



gloss level on these can give inaccurate results depending on lighting and or viewing conditions.

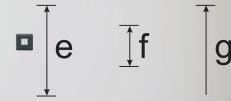
Part M™ Section 0.26 indicates that the visual perception of one element of the building, or fitting within the building against another has a greater light reflectance value difference of 30 points, where black = 0 points and white = 100 points. Where illuminance on surfaces is greater than 200 LUX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

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

Range	LRV	
CMA***AG		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		

rinisn	LRV	
PW	74.3	
WH	83.6	Accessories Whit
BK	4.9	Black

#### **Decorative Finishes**



- 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.

# WA095 WA106P WA107P GA100

#### **Galvanised Steel Back Boxes**

WA092	1 Gang 16mm Deep Galvanised Steel K.O. Box
WA093 WA094	1 Gang 25mm Deep Galvanised Steel K.O. Box 2 Gang 25mm Deep Galvanised Steel K.O. Box
WA095 WA096	1 Gang 35mm Deep Galvanised Steel K.O. Box 2 Gang 35mm Deep Galvanised Steel K.O. Box
WA097 WA098	1 Gang 47mm Deep Galvanised Steel K.O. Box 2 Gang 47mm Deep Galvanised Steel K.O. Box
WA099 WA102	1+135mm Deep Dual Accessory Box 1+235mm Deep Dual Accessory Box

#### **Dry Lining Boxes (Sprung Fixing Lugs)**

WA087SF	1 Gang 35mm Deep Dry Lining Box
WA088SF	2 Gang 35mm Deep Dry Lining Box
WA106SF	1 Gang 47mm Deep Dry Lining Box
WA107SF	2 Gang 47mm Deep Dry Lining 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 Boxes**

GA100 'Ezylink' Dry Lining Box Connector Suitable for use with WA087P, WA088P, WA106P & WA107P.

#### essentials"

For the complete range of back boxes see Essentials™ page N4.



#### FlameGuard® Dry Lining Boxes

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

#### **Spacer Gaskets**

CMA095 1 Gang 10mm Spacer Gasket - Polar White CMA096 2 Gang 10mm Spacer Gasket- Polar White

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 cabability of the boxes being mounted back to back.

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