Ref: GMS28PO/RR

Serie Gold-M surface

IP40 Surface metal boxes

IP40 surface distrib. box 2x14 (28) mod. Metal base and door PE+N. Plastic cover



Features

Application:	Tertiary (residential)
Suitable for outdoor installation:	No
Type of installation:	Surface
Material Quality:	Cold-rolled steel

Modular capacity

Capacity/Number of modules:	28
Number of rows:	2x14

Technical data

Protection degree:	IP40
Resistance to impact:	IK08
Glow wire resistance (ºC):	650
Double insulation:	Class I

Dimensions

Piece dimensions - HxWxD (mm):	510 x 390 x 122
Cable entry - WxD (mm):	245 x 50
Entry holes (mm):	5x5

Additional features

Door/window/lid type:	Opaque
Reversible door:	Yes
UV protection:	No

Ref: GMS28PO/RR

Number of doors:	1
Lock type:	Snap closure
No. of locks:	1
Lock - Key Type:	Without key Possibility of lock with key as accessory (ref. 22040)
Sealable:	No
Linkable:	No
Neutral and earth bars:	Yes
Neutral and protective conductor cross-section (mm²):	8x(2,5-6)+8x(4-10)+1x(10-25)+1x(16-35)
Includes DIN Rail:	Yes
Plate:	No
Adjustable Plate:	No
Perforated Plate:	No

Materials

Halogen-free materials:	Yes
Body/Base Material:	Cold-rolled steel
Frame material:	Cold-rolled steel
Door/Lid/Window Material:	Cold-rolled steel
Chassis cover material:	Polystyrene (PS)
Lock material:	Polycarbonate
Base color:	Grey RAL 7035
Frame color:	White RAL 9003
Door color:	White RAL 9003
Finish:	Painted with smooth polyester paint

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Electrical properties

Maximum voltage (V): 1000 AC / 1500 DC

Maximum permissible current (A): 125

Power dissipation:

Power dissipation P(W) as a function of temperature increase ΔT (°C)				
20	25	30	35	40
49.2	61.5	73.8	86.1	98.4

Data calculated according to IEC TR 60890 using the method for verifying temperature rise in low-voltage switchgear and controlgear assemblies.

Certificates and regulations

Directive: 2014/35/EU

Standards: EN-IEC 60670-1-24,IEC-EN 62 208

Packaging

Supply:
Supplied in individual packaging
Multiple packaging with shrink wrap around individual packages
Supplied with all elements assembled, except those supplied in the accessory bag
Accessory bag:
Module cover in white (6 modules)
Module identifi cation strips
Hermetic caps
Grounding cable
Nut plus M6 washer

Individual Packaging Type: Box

UoM Packaging - Individual: Unit

Minimum Selling Quantity: 1

Individual packaging dimensions - HxWxD (m): 0.521 x 0.396 x 0.133

Net weight per unit (kg): 5.971

Gross weight per unit (kg): 6.569

Codes

GTIN-13 code: 8431044448602

Tariff code: 85381000

ETIM code 9.0: EC000214

Ref: GMS28PO/RR

Downloads (links)

Product drawing STP (URL):	https://ideelectric.com/docs/plans/stp/GMS28PORR.stp
Product drawing DXF (URL):	https://ideelectric.com/docs/plans/dxf/GMS28PORR.dxf
Product drawing (PDF):	https://ideelectric.com/docs/plans/pdf/GMS28PORR.pdf
Assembly instructions:	https://assemblysteps.org/qr/91386