

Enclosures





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Flush mounting Mini Pragma

1 row, 4 to 18 modules

2 and 3 rows, 12 modules per row

function

Mini Pragma is a distribution or subdistribution enclosure up to 63 A. It is used indoors, in housing or the service sector, for new installations or renovation work.

description



technical data

- equipped with an opaque or transparent, curved door:
 - 1 row: wicket door opens 90 ° upwards
 - 2 and 3 rows: door opens 180 ° to the right and to the left
- rated current of the enclosure:
 - 4 modules: 50 A
 - 6 to 36 modules: 63 A
- material:
 - insulating, self-extinguishing material
 - colour: white RAL 9003
- compliance with standards:
 - complies with IEC 439.3 (EN 60-439-3)
- degree of protection:
 - as in IEC 529: IP 40 (protection against solids and liquids)
 - as in EN 50-102: IK 07 (protection against mechanical impacts)
 - class 2 protection against indirect contact
- fire and excessive heat withstand capacity as in IEC 695-2-1:
 - enclosure: 650 °C/30 s
 - N - earth terminal bar supports: 960 °C/30 s

composition

Flush mounting Mini Pragma is composed of:

- a symmetrical base:
 - robust
 - of a depth adapted to walls with a low thickness
 - with punch-outs for tube insertion on the 4 sides
- 1 to 3 symmetrical rails with adjustment of verticality:
 - 1 row: adjustable symmetrical rail depth
 - 2 and 3 rows: one-piece chassis enabling wiring outside the base
- a rigid, reversible front panel:
 - with a curved wicket door or curved door
 - equipped with blanking plates which can be punched-out.



connection assembly

accessories delivered with the enclosure

Flush mounting Mini Pragma is delivered equipped with:

- a circuit identification strip per row:
 - to be glued on the front panel
- a connection assembly:
 - 2 earth-neutral terminal blocks
 - 2 terminal block supports
- terminal block details:

number of holes	composition	
	10 ^P	16 ^P
4	2	2
8	4	4
16	8	8
22	11	11
32	16	16

catalogue numbers



13942

number of rows	capacity in modules of 9 mm	capacity in modules of 18 mm	terminal blocks delivered
			(no x no. holes)

enclosure with transparent door			
1	8	4	2 x 4
1	12	6	2 x 4
1	16	8	2 x 8
1	24	12	(2 x 4) + (2 x 8)
1	36	18	2 x 16
2	48	24	2 x 16
3	72	36	2 x 22

catalogue numbers

13301
13302
13303
13304
13305
13942
13943

additional information

optional accessories: page 59
 dimensions: page 90

Surface mounting Mini Pragma

1 row, 4 to 18 modules

2 and 3 rows, 12 modules per row

function

Mini Pragma is a distribution or subdistribution enclosure up to 63 A. It is used indoors, in housing or the service sector, for new installations or renovation work.

description



connection assembly

- obtain a class 2 insulation.
- a circuit identification strip per row:
 - to be glued onto the front panel
- a connection assembly:
 - 2 earth-neutral terminal blocks
 - 2 terminal block supports
- terminal block details:

number of holes	composition	
	10 ³	16 ³
4	2	2
8	4	4
16	8	8
22	11	11
32	16	16

technical data

- equipped with an opaque or transparent, curved door:
 - 1 row: wicket door opens 90 ° upwards
 - 2 and 3 rows: door opens 180 ° to the right and to the left
- rated current of the enclosure:
 - 4 modules: 50 A
 - 6 to 36 modules: 63 A
- material:
 - insulating, self-extinguishing material
 - colour: white RAL 9003
- compliance with standards:
 - complies with IEC 439.3 (EN 60-439-3)
- degree of protection:
 - as in IEC 529: IP 40 (protection against solids and liquids)
 - as in EN 50-102: IK 07 (protection against mechanical impacts)
 - class 2 protection against indirect contact (with insulating plugs on the fixing screws)
- fire and excessive heat withstand capacity: as in IEC 695-2-1:
 - casing: 650 °C/30 s
 - N - earth terminal bar supports: 960 °C/30 s

composition

Surface mounting Mini Pragma is composed of:

- a back with:
 - a centred oblong opening to simplify installation
 - oblong fixing holes enabling the adjustment of verticality
 - cable insertion kit:
 - punch-outs, on 4 panels for the 1 row enclosures
 - a large surface for punching (crown saw, punches) at the top and bottom of the 2 and 3 row enclosures
- 1 to 3 metallic rails, screwed symmetrically onto the back,
- a cover:
 - reversible front panel, equipped with blanking plates which can be punched-out
 - curved wicket door or curved door

accessories delivered with the enclosure

- Surface mounting Mini Pragma is delivered equipped with:
- insulating plugs:
 - to be placed on the back fixing screws to

catalogue numbers



13922

number of rows	capacity in modules of 9 mm	capacity in modules of 18 mm	terminal blocks delivered (no. x no. holes)
	enclosure with transparent door		
1	8	4	2 x 4
1	12	6	2 x 4
1	16	8	2 x 8
1	24	12	(2 x 4) + (2 x 8)
1	36	18	2 x 16
2	48	24	2 x 16
3	72	36	2 x 22

catalogue numbers

13366
13367
13368
13369
13370
13922
13923

additional information

optional accessories: page 59
dimensions: page 92

Weatherproof Mini Pragma

1 row, 3 to 12 modules

function

The weatherproof Mini Pragma is an extension and distribution enclosure up to 63 A. It is used in the tertiary and industry sectors for new or renovated facilities (extensions). It is installed in harsh or damp environments as well (agricultural facilities, saw mills, garages, etc.).

description



technical data

■ enclosure's rated current: 63 A

■ material:

□ self-extinguishing, insulating material

□ colour: light grey RAL 7035

■ dimensions (mm)

number of mod. of 18 mm	height	width	depth
3	200	105	112
4	200	123	112
6	200	159	112
8	200	195	112
12	200	267	112

■ in compliance with standards:

■ IEC 439-3 (EN 60 439.3)

■ degree of protection:

□ as in IEC 670: IP65

□ as in EN 50-102: IK 07

(protection against mechanical impacts)

□ protection against indirect contact: class 2

■ fire and excessive heat resistance as in IEC 695-2-1: 750 °C / 5 s

structure

weatherproof Mini Pragma is made up of:

■ a back with:

□ a central hole, to simplify mounting

□ oblong holes oriented to adjust verticality

■ punch-outs on the 4 sides for cable inlet

■ a metal rail offset from the back and towards the top to simplify cable outlet installation

■ a rigid front face fitted with dividable blanking plates and an optional sealing kit

■ a transparent wicket door with an optional keylock

accessories delivered with the enclosure

weatherproof Mini Pragma is delivered with:

■ an identification strip

■ 4 seals for wall mounting screws

(necessary for class 2)

■ 1 sloping terminal block support to help with cable insertion and improve accessibility when tightening

■ terminal blocks:

□ 2 x 4-hole terminal blocks

(2 x 10² + 2 x 16²) for 3, 4 and 6 module enclosures

□ 2 x 8-hole terminal blocks (4 x 10² + 4 x 16²) for 8 and 12 module enclosures.

catalogue number



10508

number of rows	capacity		term. block number of holes
	in mod. of 9 mm	in mod. of 18 mm	

enclosure with transparent wicket door

1	6	3	4
1	8	4	4
1	12	6	4
1	16	8	8
1	24	12	8

catalogue number

10503

10504

10506

10508

10512

additional information

accessories: page 59

accessories

for Mini Pragma and weatherproof Mini Pragma

function

for the installation

hollow partition flush mounting kit

Enables the flush mounting enclosure base to be fixed in a hollow partition.

for the connection

terminal block support

Enables the terminal blocks to be installed.

terminal block

It simplifies the electrical wiring of the neutral or earth.

insulating cover

Insulates the terminal blocks for improved protection.

membrane glands (cable support sleeves)

They make flexible cable inlets and tube insertions weatherproof in the Mini Pragma weatherproof enclosure.

for the finish

blanking plate

Blanks the spaces where there are no devices.

key lock

Protects the access to the switchgear operating mechanism in some buildings according to regulations.

sealing kit

Prevents access to the live parts by sealing the base or the back with the cover.

symbol plate

Includes self-adhesive pictograms which enable the outgoers to be identified.

label support sheet

Enables one's own identification self-adhesive labels to be printed.

description

for the installation

hollow partition flush mounting kit

- set of 4 brackets and screws

for the connection

terminal block support

- 1 to 2 terminal block supports per enclosure
- 12 x 2 flat bar
- can be clipped on the back of the enclosure, at the top or bottom
- sloped in order to:
 - assist cable insertion
 - improve their accessibility during locking

terminal blocks

- these Pragma terminal blocks can be installed in the Mini Pragma enclosures
- technical data:
 - insulated
 - up to 80 A
- installation:
 - clips onto the terminal block support or the rail
 - fixes onto the back of the enclosure
- composition:
 - captive screws delivered open
 - guides simplify the insertion of cables into the enclosures
 - numbered terminal blocks

insulating cover

- coloured: green, red or blue
- enables the IP 2 protection level to be attained
- 2 widths according to the width of the terminal block to be insulated
- installation : on Pragma terminal blocks.

membrane glands (cable support sleeves)

- bag of sleeves with varying diameters
 - 16 inlets for 21 or 23 mm holes
 - 8 inlets for 29 mm holes
 - 2 inlets for 37,5 mm holes

for the finish

blanking plate

- 5 dividable modules
- colour:
 - white RAL 9003 for Mini Pragma
 - grey RAL 7035 for weatherproof Mini Pragma
- delivered in sets of 10

key lock

- delivered with 2 metal keys
- fixes onto the enclosure and the door after punch-out following the instruction manual

sealing kit

- occupies the place of one of the front panel fixing screws

symbol plate:

- ordinary symbols:
 - loads:
 - socket
 - lighting
 - convector
 - etc.
 - locations:
 - bedroom
 - bathroom
 - etc.
- special symbols:
 - loads:
 - surge arrester
 - gateway
 - pool
 - etc.
 - locations:
 - technical room
 - computer room
 - etc.

label support sheet

- to be printed using the SISMAKER Software.

accessories

for Mini Pragma and weatherproof Mini Pragma

catalogue numbers



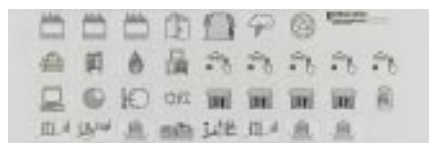
13663



10236

13575, 13586, 13585, 13583,
13587, 13577, 13578

13735



13736

type	width (mm)	use for the enclosures (number of 18 mm modules)	catalogue number
terminal block support	90	3	13365
	95	4	13361
	105	6	13362
	140	8	13363
	320	18	13381
	210	12, 24, 36	13364

type	width (mm)	number of holes	composition 10 ^P 16 ^P	catalogue number
simplified terminal block	82	4	2 2	10235
	82	8	4 4	

(cannot be fitted with insulating cover)

type	width (mm)	number of holes	composition 10 ^P 16 ^P	catalogue number
terminal block Pragma	85	4	2 2	13575
	85	8	4 4	13576
	202	16	8 8	13577
	202	22	11 11	13578
	202	32	16 16	13579

type	width (mm)	colour	catalogue number
insulating cover	85	green	13582
		red	13584
		blue	13586
	202	green	13583
		red	13585
		blue	13587

type	technical data	colour	catalogue number
membrane glands for weatherproof bag			14190

type	technical data	colour	catalogue number
blanking plates	set of 10	RAL 9003	13229
		RAL 7035	14855

type	enclosure	catalogue number
key lock	Mini Pragma 1 row and weatherproof Mini Pragma 2 and 3 rows	14180
		13315

type	catalogue number	
sealing kit	Mini Pragma 1, 2, 3 R	13317
	Mini Pragma (French)	13319
	weatherproof Mini Pragma	14185

type	catalogue number

type	catalogue number
hollow partition flush mounting kit	13360

type	symbols	catalogue number

symbol plate	ordinary	special	catalogue number
			13735
			13736

type	catalogue number

type	catalogue number
label support sheet	13275

Sheet steel distribution boards

function

Stringent tests during and after production ensure that the sheet steel distribution boards offers maximum safety; as the boxes are installed at close proximity to people. An intermediate plate, newly introduced, has been installed within the box so that no live parts are accessible even the door of box is open. The door is also earthed with a copper wire.

description



design

Merlin Gerin Sheet Steel Distribution Boards have been designed keeping in mind the interior decor of modern day houses and commercial establishments. A uniquely designed hinge door opens up to 120° for total ease of operation. During wiring/ installation, the door can be completely removed if required, by taking out a couple of split pins. An entire range of DP and 4P as well as 4-tier and vertical distribution boards are available.

features

- safety: IP 42 Protection class; live parts are inaccessible when MCBs/RCCBs on or off.
- flexibility: variety of DBs available in 2P and 4P versions horizontal, tier type and vertical.
- aesthetics: powder coated; available in Gloss (standard offer) or Matt finish which blends well with modern interiors.
- mounting: surface and flush type; depth of only 90 mm makes it suitable for shallow walls (in case being flush-mounted)
- construction: Robust and sturdy double door construction 35 mm DIN Rail mounting for MCBs/RCCBs, Earth bar & Neutral bars (for each phase) provided with the distribution board
- connections: generous wiring space ensures easy and quick connections; lesser installation time.

catalogue number



DB construction

catalogue number

enclosure with metal wicket door

4W-2P

8W-2P

12W-2P

4W-4P

8W-4P

12W-4P

vertical 4W-4P

vertical 8W-4P

vertical 12W-4P

MG106H**MG110H****MG114H****MG322H****MG334H****MG346H****MG324H****MG328H****MG3212H**

additional information

accessories: page 94

Thermoplastic distribution boards

function

The Merlin Gerin new generation Thermoplastic Modular Distribution Boards are totally Double Insulated; thereby ensuring greater safety and reliability in electrical installations. The product range conforms to European DIN 43871 and BS 5486 Part 12 standards.
Merlin Gerin Distribution Boards are suitable for Flush Mounting and thereby are the ideal

solution for installation as sub-distribution boards in residential and commercial buildings including offices, hospitals, auditoriums, public buildings, hotels, etc.

description



design

The product is designed for easy assembly and adaptability. The moulded enclosures are pre-assembled with add-on bases and covers. This means that the entire range of DP and 4P distribution boards can be put together quickly and smoothly. The exterior metal frame and door with durable epoxy-based, powder-coated finish offers protection against heat and dust pollution. Door springs and hinge pins are made of stainless steel.

features

- DIN Rails (DIN-EN-50022) can be fixed on different levels to accommodate MCBs/RCCBs.
- Each tier of distribution board accommodates up to 12 way/poles (pole with 18 mm). The metal frame/door assembly is reversible for left or right side opening and it is possible to slightly vary the alignment of the assembly for perfect matching with the wall surface.
- An 8-pole distribution board, manufactured completely from thermoplastic resins, can be easily combined either horizontally or vertically with numerous identical enclosures; thanks to the special coupling-insert.
- The dome/flat door is entirely made of polycarbonate resins except for the cover and base which are made of ABS and HIPS (high impact polystyrene resins).
- The elegant look of Merlin Gerin Distribution Boards harmonise in all environments. Hence, the product can be located nearest to the load center in order to minimise the length of wires of various loads.

catalogue number



DB construction

catalogue number

enclosure with metal wicket door

6W-2P
10W-2P
4/6W-FP
8W-FP

MG068
MG001
MG002
MG003

additional information

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