



# Electrical distribution enclosures

Catalogue 2019



Simple, functional, scalable...

[schneider-electric.com](http://schneider-electric.com)

Life Is On

**Schneider**  
Electric

# Electrical distribution enclosures

For more than 25 years, Schneider Electric has produced low-voltage control and electrical distribution switchboards, tested and in compliance with standards



Simple, functional and scalable solutions, meeting the main requirements of service-sector and industrial installations: continuity of service, safety of personnel and equipment, control of costs and delivery times.

## Simple

Simplicity is a cross-cutting utilization and performance value of the Schneider Electric enclosure range.

Clearly organized functional units, generous cabling surfaces, quick connections, devices that are easy to replace or add to,... all features have been combined to facilitate the work of panelbuilders and contractors.

At each stage of the system's life cycle: assembly, installation, maintenance and upgrading.



# to match your requirements



## Functional

Schneider Electric enclosures are organized by function and by dedicated zone, called the "functional unit".

This architecture contributes directly to improved reliability and easier design, installation and operation of the system.

All the components of the Schneider Electric offer (devices, busbars, splitter blocks, etc.) have been designed to work together and provide optimized performance: consistency between electrical, mechanical and communication functions is ensured perfectly.



## Scalable

Schneider Electric solutions are designed for the needs of today... and tomorrow.

Because "tomorrow" often arrives sooner than expected, system upgrading can be performed at any time.

The modularity of the solutions permits last-minute changes: devices can be changed or added simply, without losing time.





<b>Mini Opale range</b> .....	<b>page 10</b>
Mini Opale surface mounting enclosures.....	page 11
<b>Micro Pragma range</b> .....	<b>page 12</b>
Micro Pragma surface mounting enclosures.....	page 13
<b>Mini Pragma range</b> .....	<b>page 14</b>
Selection guide.....	page 108
Mini Pragma Surface Presentation.....	page 18
Mini Pragma without terminal block.....	page 19
Mini Pragma with earth terminal block.....	page 21
Mini Pragma with earth + neutral terminal block.....	page 23
Mini Pragma Flush Presentation.....	page 26
Mini Pragma without terminal block.....	page 27
Mini Pragma with earth terminal block.....	page 30
Mini Pragma with earth + neutral terminal blocks.....	page 33
Mini Pragma Universal.....	page 36
Mini Pragma Accessories.....	page 38
Mini Pragma Surface Dimensions.....	page 44
Mini Pragma Flush Dimensions.....	page 46
<b>Resi9 CX range</b> .....	<b>page 48</b>
Selection Guide.....	page 52
Resi9 CX with earth terminal block + phase + neutral.....	page 54
Resi9 CX GTL.....	page 62
Resi9 CX with earth terminal block.....	page 68
Resi9 CX with earth + neutral terminal blocks.....	page 72
Resi9 CX without terminal block.....	page 76
Resi9 CX without terminal block IP65.....	page 78
Resi9 CX Accessories.....	page 80
Resi9 CX Dimensions.....	page 88
<b>Pragma range</b> .....	<b>page 92</b>
Selection table.....	page 94
Pragma Surface Presentation.....	page 96
Pragma without terminal block.....	page 97
Pragma with earth terminal block.....	page 99
Pragma with earth + neutral terminal blocks.....	page 101
Pragma Surface Universal.....	page 103
Pragma Flush presentation.....	page 105
Pragma without terminal block.....	page 106
Pragma with earth terminal block.....	page 108
Pragma with earth + neutral terminal blocks.....	page 110
Pragma Flush Universal.....	page 112
Pragma Accessories.....	page 114
Pragma Surface mounting Dimensions.....	page 122
Pragma Flush mounting Dimensions.....	page 124
<b>Resi9 KV range</b> .....	<b>page 126</b>
Resi9 KV Presentation.....	page 127
Resi9 KV Dimensions.....	page 131
<b>Kaedra range</b> .....	<b>page 132</b>
Selection guide.....	page 134
Kaedra Presentation.....	page 136
Kaedra modular mini enclosures and enclosures T 650°C without terminal block.....	page 137
Kaedra modular mini enclosures and enclosures T 650°C 1 or 2 terminal blocks.....	page 138
Kaedra modular mini enclosures and enclosures T 650°C 2 or 4 terminal blocks.....	page 139
Kaedra modular mini enclosures and enclosures T 750°C 1 or 2 terminal blocks.....	page 140
Kaedra modular interfaces enclosures T 650°C without terminal block.....	page 141
Kaedra modular interfaces enclosures T 650°C 1 or 2 terminal blocks.....	page 142
Kaedra modular interfaces enclosures T 650°C 2 or 4 terminal blocks.....	page 143
Kaedra modular interfaces enclosures T 750°C 1 or 2 terminal blocks.....	page 144
Kaedra interfaces enclosures T 650°C without terminal block.....	page 145
Kaedra interfaces enclosures T 650°C 1 or 2 terminal blocks.....	page 146
Kaedra interfaces enclosures T 750°C 1 or 2 terminal blocks.....	page 147
Kaedra versatile enclosures T 650°C without terminal block.....	page 148
Kaedra versatile enclosures T 650°C 1 or 2 terminal blocks.....	page 149
Kaedra versatile enclosures T 750°C 1 or 2 terminal blocks.....	page 150
Kaedra power outlets enclosures T 650°C without terminal block.....	page 151
Kaedra power outlets enclosures T 650°C 1 or 2 terminal blocks.....	page 152
Kaedra power outlets enclosures T 750°C 1 or 2 terminal blocks.....	page 153
Kaedra Accessories.....	page 154
Kaedra Dimensions.....	page 158
<b>Kaedra XT range</b> .....	<b>page 162</b>
Kaedra XT watertight enclosures.....	page 163
<b>Easy9 range</b> .....	<b>page 170</b>
Selection guide.....	page 171
Easy9 Surface mounting enclosures without terminal block.....	page 172
Easy9 Flush mounting enclosures without terminal block.....	page 174
Easy9 Surface mounting enclosures with earth + neutral terminal blocks.....	page 176
Easy9 Flush mounting enclosures with earth + neutral terminal blocks.....	page 177
Easy9 Flush mounting Dimensions.....	page 178
Easy9 Surface mounting Dimensions.....	page 180

# Selection guide

## Modular enclosures



Product range			Mini Opale	Micro Pragma
<b>Compliance with standards</b>			IEC 60670-1 and 24	IEC 60670-1 and 24
<b>Body Colour</b>			White RAL 9003	White RAL 9003
<b>Degree of protection</b>	IP	Without door	IP30	IP40
		With door	-	-
	IK	Without door	IK07	IK07
		With door	-	-
<b>Materials</b>			Plastic	Plastic
<b>Self-extinguishing technoplastic, resistant to fire and abnormal heat (as per IEC 60695-2-11) (Glow Wire Test)</b>	Front/Cover		750°C	650°C
	Back (flush)		-	-
<b>Insulation to IEC 61439-3</b>			Class 2	Class 2
<b>Halogen Free</b>			No	Yes
<b>Module number</b>			<b>93040E</b>	<b>93012E</b>

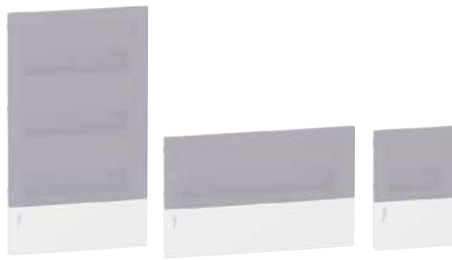


Product range			Pragma			
			Surface			
			Without TB	1 TB (E)	2 TB (E+N)	Universal
<b>Compliance with standards</b>			IEC 60670-1 and 24 / IEC 61439-1 and 3			IEC 60670-1
<b>Body Colour</b>			RAL 9016 for body: White front plate on 13/18M and Grey front plate for 24 M	RAL 9016 for body: Grey front plate on 13/18/24M		White RAL 9016
<b>Degree of protection</b>	IP	Without door	-	-	-	-
		With door	IP40	-	-	-
	IK	Without door	-	-	-	-
		With door	IK09	-	-	-
<b>Materials</b>			Metal and plastic			
<b>Self-extinguishing technoplastic, resistant to fire and abnormal heat (as per IEC 60695-2-11) (Glow Wire Test)</b>	Front/Cover		650°C	650°C	650°C	650°C
	Back (flush)		650°C	650°C	650°C	650°C
<b>Insulation to IEC 61439-3</b>			Class 2			Class 2
<b>Halogen Free</b>			Yes	No	No	Yes
<b>Module number</b>			<b>93252E</b>	<b>93235E</b>	<b>93227E</b>	<b>99011E</b>

PB104071 / PB104087 / PB104089



PB104085 / PB104081 / PB104075



PE 117372



### Mini Pragma

Surface			Flush			
Without TB	1 TB (E)	2 TB (E+N)	Without TB	1 TB (E)	2 TB (E+N)	Universal
IEC 60670-1 and 24 / IEC 61439-1 and 3			IEC 60670-1 and 24 / IEC 61439-1 and 3			IEC 60670-1 and 24
White RAL 9003	White RAL 9003 ■ Ivory ■ Garnet red ■ Pistacho green ■ Mist Grey	White RAL 9003	■ White RAL 9003 ■ Ivory ■ Garnet red ■ Pistacho green ■ Mist Grey	White RAL 9003	■ White Ral 9003 ■ Ivory ■ Garnet red ■ Pistacho green ■ Mist Grey	White RAL 9003
-	-	-	-	-	-	-
IP40			IP40			IP40 with closed door
IK07			IK07			IK07
-			-			-
Plastic			Plastic			Plastic
650°C	650°C	750°C	650°C	650°C	650°C	650°C / 750°C
-	-	-	650°C	850°C	650°C	850°C
Class 2			Class 2			Class 2
Yes	Yes	No	No	Yes	Yes	-
<b>93265E</b>	<b>93267E</b>	<b>93269E</b>	<b>93273E</b>	<b>93275E</b>	<b>93277E</b>	<b>99010E</b>

PB101500\_SE-58r



PB 117376



Flush			
Without TB	1 TB (E)	2 TB (E+N)	Universal
IEC 60670-1 and 24 / IEC 61439-1 and 3			IEC 60670-1
RAL 9016 for body: White front plate on 13/18M and Grey front plate for 24 M	RAL 9016 for body: Grey front plate on 13/18/24M		White RAL 9016
-			
IP40			
-			
IK09			
Metal and plastic			
750°C	650°C	650°C / 750°C	750°C
850°C	650°C	650°C / 850°C	750°C
Class 2			Class 2
No	Yes	Yes/No	No
<b>93254E</b>	<b>93236E</b>	<b>93228E</b>	<b>99012E</b>



Product range		Resi9 CX			
		Without TB	1 TB (E)	2 TB (E+N)	3 TB (E+P+N)
Compliance with standards		IEC 60670-1 and 24			
Body Colour		White RAL 9003			
Degree of protection	IP	Without door	IP30		
		With door	IP40		
	IK	Without door	IK08		
		With door			
Materials		Plastic			
Self-extinguishing technoplastic, resistant to fire and abnormal heat (as per IEC 60695-2-11) (Glow Wire Test)	Front/Cover	650°C	650°C	650°C	750°C
	Back (flush)				
Insulation to IEC 61439-3		Class 2			
Halogen Free		Yes	Yes	Yes	No
Module number		99007E	99005E	99006E	99001E



Product range		Kaedra							
		Modular mini enclosures and enclosures		Modular enclosures with interfaces		Interfaces enclosures		Versatile enclosures	
Compliance with standards		IEC 60670-1 and 24 for empty enclosures / IEC 61439-1 and 3 for equipped switchboards							
Body Colour		Grey RAL 7035							
Degree of protection	IP	Without door	IP65						
		With door							
	IK	Without door	IK09						
		With door							
Materials		Plastic							
Self-extinguishing technoplastic, resistant to fire and abnormal heat (as per IEC 60695-2-11) (Glow Wire Test)	Front/Cover	650°C	750°C	650°C	750°C	650°C	750°C	650°C	750°C
	Back (flush)								
Insulation to IEC 61439-3		Class 2							
Halogen Free		Yes	No	Yes	No	Yes	No	Yes	No
Module number		93131E/ 93111E/ 93137E	93121E	93132E/ 93112E/ 93139E	93122E	93133E/ 93113E	93123E	93135E/ 93115E	93125E

RBH12851\_image23 RBH12852\_image36



PB113139R-3



		Resi9 KV	
	<b>IP65</b>	<b>Flush mounting enclosures</b>	
	IEC 60670-1 and 24	IEC 61439-1 and 3, IEC 60670-1 and 24 and DIN 43871	
	White RAL 9003	White RAL 9016	
	IP65	IP30	
	IK09	IK07	
	Plastic	Plastic and Metal door	
	750°C	650°C or 850°C	
	Class 2	Class 2	
	No	Yes	
	<b>99014E</b>	<b>93032E</b>	

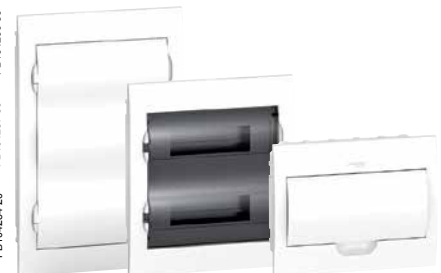
DB428343 DB428346 DB428350



PB104273-20 PB104277-30



PB104284-20 PB104287-30 PB104290-30



		Kaedra XT		Easy9			
Power outlets		Watertight enclosures		Surface		Flush	
				Without TB	1 TB (E)	Without TB	1 TB (E)
		IEC 695-2-1		IEC 60670-1-24		IEC 60670-1-24	
		Grey RAL 7035		White RAL 9003		White RAL 9003	
		IP65		IP30		IP30	
		IP65		IP40		IP40	
		IK09		IK07		IK07	
		Plastic		Plastic		Plastic	
	650°C	750°C	850°C	650°C	650°C	650°C	650°C
						650°C	650°C
	Class 2		Class 2	Class 2		Class 2	
	Yes	No	No	Yes	Yes	Yes	Yes
	<b>93134E/ 93114E</b>	<b>93124E</b>	<b>99015E</b>	<b>99016E</b>	<b>99018E</b>	<b>99017E</b>	<b>99019E</b>

Surface mounting enclosures

# Mini Opale



# Mini Opale

## Surface mounting enclosures



### Function

Mini Opale is used as an interior and distribution enclosure up to 63 A.

It is used as:

- an extension enclosure for individual and collective housing
- a final distribution enclosure in tertiary buildings.

### Description

Mini Opale is made up of:

- a back with an integrated symmetrical rail
- 1 clip-on, sealable cover.

### Technical data

Type		
In conformity with standards	IEC 60670-1 and 24	
Enclosure colour	White RAL 9003	
Degree of protection	IP	IP30
	IK	IK07
Materials	Plastic	Self-extinguishing insulating material, fire and abnormal heat withstand 750°C / 30 s
Switchboard's rated current	63 A	

### Catalogue numbers

Number of rows	Capacity	Dimensions			Cat. no.
		H	W	D	
1	Modules of 18 mm				
	2	130	44	57	<b>13392</b>
	4	130	80	57	<b>13394</b>
	6	160	119	65	<b>13396</b>
	8	160	155	65	<b>13398</b>

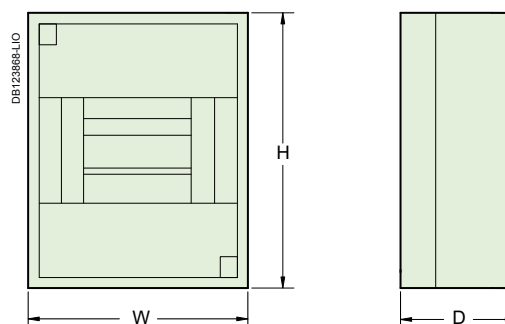
### Accessories delivered with the enclosure

Type		Cat. no.
2 x 4-hole terminal bars	1 x 16 <sup>2</sup>	<b>13396</b>
	3 x 10 <sup>2</sup>	<b>13398</b>

### Accessories

Type		Cat. no.
Blanking plates	Colour: white RAL 9003 Quantity: set of 10 Dividable: 10 mod. of 9 mm (5 modules of 18 mm).	<b>R9H13387</b>

### Dimensions



Surface mounting enclosures

# Micro Pragma



# Micro Pragma

## Surface mounting enclosures



10205 MUP2



10206 MUP4

### Function

The Micro Pragma is a multi-function enclosure.

It is used indoors, in housing and the commercial building sector, for new and renovated installations.

### Description

The Micro Pragma is made up of:

- a back including a symmetrical DIN rail
- pre-punchouts on the 4 sides
- a sealable reversible cover equipped with built-in blanking plates (only for 2 and 4 modules).

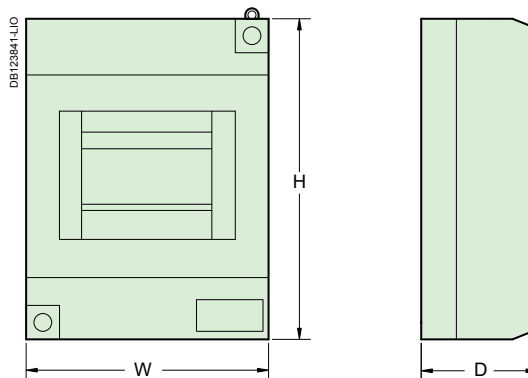
### Technical data

Type		
In conformity with standards	IEC 60670-1 and 24	
Enclosure colour	White RAL 9003	
Degree of protection	IP	IP40
	IK	IK07
Materials	Plastic	Self-extinguishing insulating material, fire and abnormal heat withstand 650°C / 30 s

### Catalogue numbers

Number of rows	Capacity	Dimensions (mm)			Cat. no.
		H	W	D	
1	Modules of 18 mm				
		130	51	60	10205
		130	88	60	10206
		165	140	72	10207
		200	198	72	10208

### Dimensions



Surface mounting enclosures

# Mini Pragma



# The easy-to-install electrical enclosure



## Innovative design

Mini Pragma fits in harmoniously with all types of environment: luxury homes, shops, office buildings, hotels, etc.

## Ease and speed of installation

Four oblong holes allow solid wall mounting and easy straightening. Mini Pragma also has a broad cabling surface.

## Ease of connection

Several connection and cable routing possibilities are available: tubes or raceways, through the top, bottom or back of the enclosure (removable entry flange).



## > Possibility of adding indication lighting

In the event of a general power outage, the enclosure remains lit for 15 min. It is thus easily identifiable and accessible to restore installation operation. The indication lighting, powered by a supercapacitor, is recharged permanently. It requires neither a battery nor a power storage battery.



## > 100% secure access

The lock prevents opening of the enclosure by anyone unauthorized or uninitiated. No risk for children. In complete darkness (main power supply failure), the enclosure remains easily accessible due to the indication lighting.

## > Intelligence and strength

To offer greater flexibility, several removable components are incorporated in Mini Pragma: front panel, entry flanges. The reversible door of the enclosure opens to 140° and can be dismantled beyond that, without breaking.












## An environmentally friendly electrical enclosure

- Back of the enclosure manufactured from recycled polystyrene.

**DO NOT PRINT**

**Selection table**

	 <p>PB104059-30</p>	 <p>PB104061-31</p>	 <p>PB104063-35</p>						
<b>Enclosures</b>	<b>Without terminal block</b>			<b>With earth terminal block</b>			<b>With earth + neutral terminal blocks</b>		
<b>Promotional pages</b>	<b>Module M9MP26EN</b>								
	 <p>DB430184</p>								
<b>Presentation</b>	<b>Module 93264E</b>								
	 <p>DB430163</p>								
<b>Functions and technical data</b>	<b>Module 93265E</b>			<b>Module 93267E</b>			<b>Module 93269E</b>		
	 <p>DB430164</p>			 <p>DB430165</p>			 <p>DB430166</p>		
<b>Accessories</b>	<b>Module 93278E</b>								
	 <p>DB430173</p>								
<b>Dimensions</b>	<b>Module 93271E</b>								
	 <p>DB430167</p>								



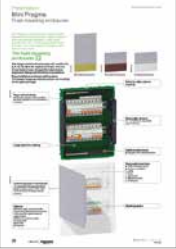

# Selection guide

## Mini Pragma

### Flush mounting enclosures

**DO NOT PRINT**

### Selection table

	 <p>PB 104077-36</p>	 <p>PB 104075-36</p>	 <p>PB 104073-36</p>	 <p>PB 117372</p>
<b>Enclosures</b>	<b>Without terminal block</b>	<b>With earth terminal block</b>	<b>With earth + neutral terminal blocks</b>	<b>Universal</b>
<b>Promotional pages</b>	<b>Module M9MP26EN</b>			
	 <p>DB430194</p>			
<b>Presentation</b>	<b>Module 93272E</b>			<b>Module 99010E</b>
	 <p>DB430168</p>			 <p>DB430172</p>
<b>Functions and technical data</b>	<b>Module 93273E</b>	<b>Module 93275E</b>	<b>Module 93277E</b>	<b>Module 99010E</b>
	 <p>DB430169</p>	 <p>DB430170</p>	 <p>DB430171</p>	 <p>DB430172</p>
<b>Accessories</b>	<b>Module 93278E</b>			<b>Module 99010E</b>
	 <p>DB430173</p>			 <p>DB430172</p>
<b>Dimensions</b>	<b>Module 93279E</b>			
	 <p>DB122794</p>			

# Presentation

## Mini Pragma

### Surface mounting enclosures

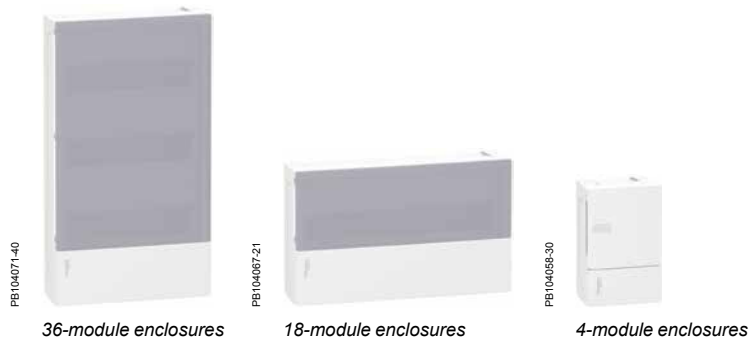
Mini Pragma is a robust modular enclosure (IK07), aesthetic with innovative design; it highly suitable for a living environment integration. It offers great security (IP40, IP41, with accessory) thanks to the front face with a white opaque or transparent door models on all models.

### The surface mounting enclosures

The range consists of enclosures with a width of 4, 6, 8, 12, 18, 24 or 36- module of 18 mm, of 1, 2 or 3-row ready-to-use; designed for electricians: ergonomic design and flexibility of installation.

#### Easy installation and large cabling space

The chassis shapes are rounded and are not wounding for the cable and finger.



PB104677-90

**Entry by cable, tube or trunking**

**Insulating edge**


**DIN rails**  
 ■ 1 to 3 DIN rails fixed asymmetrically

**Large space for cabling**

**Fixation**  
 ■ The back fitting with 4 oblong holes is sturdy and allows vertical adjustment

**Removable cable entry plates**  
 ■ Located at the top and bottom of the enclosure, they offer wide access and allow easy association

**Earth terminal block**  
 ■ Clipped with screw or quick connection



PB104632-90

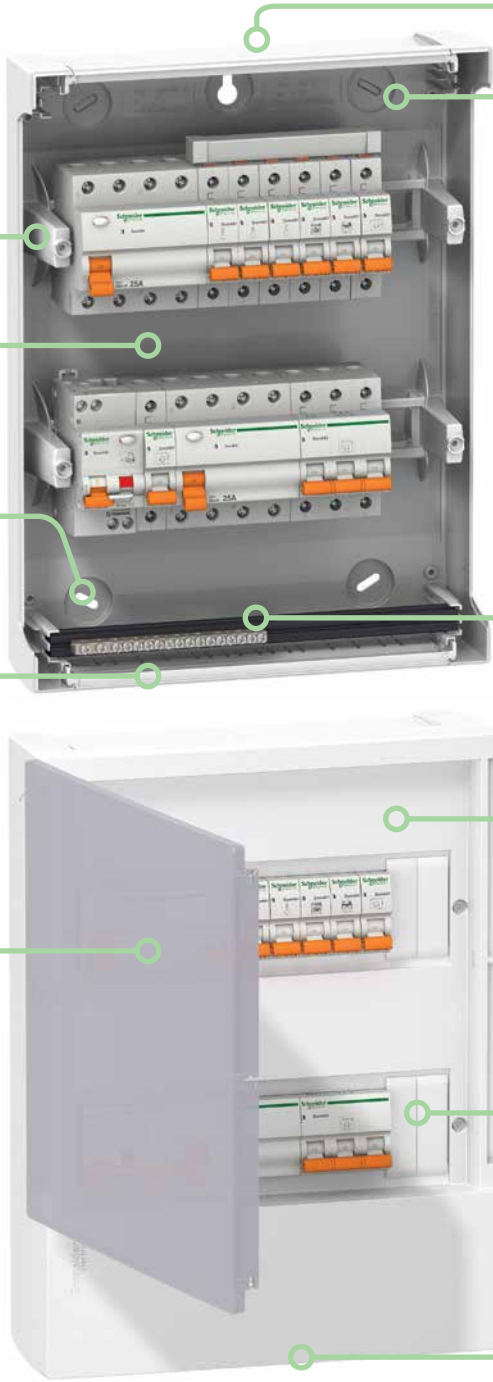
**Removable front face**  
 ■ With insulating screen

**A white opaque or translucent or smoked transparent door**  
 ■ Reversible opens to 140°, after which it can be removed, without breaking

**Blanking plates**

**Options**  
 ■ Marker light: ensures that the electrical functions can be accessed in the event of a general power supply failure  
 ■ Earth, neutral and phase terminal block  
 ■ Kit IP41  
 ■ Keylock

**Entry by cable, tube or trunking**



## Functions and technical data

# Mini Pragma

## Surface mounting enclosures

### Offer: without terminal block

A range of 18 mm, 1, 2 or 3-row 4, 6, 8, 12, 18, 24 or 36-module ready-to-use enclosures designed for electricians: ergonomic design and flexibility of installation.

## Function

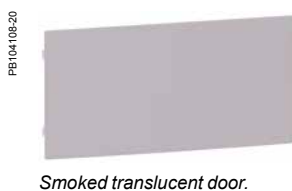
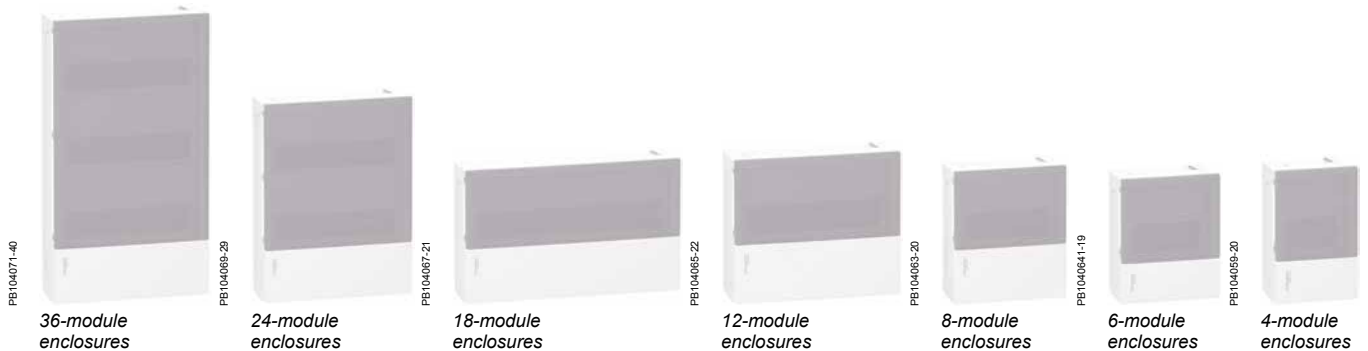
This distribution or sub-distribution enclosure, up to 63 A, is designed for installing electrical switchboards in new or renovated installations in the housing sector.

## Description

The surface mounting Mini Pragma consists of:

- a back with:
  - a centered slot to facilitate installation
  - fixing holes for vertical adjustment.
- the necessitate for entry cables:
  - two removable cable entry plates at the top and bottom
  - punch-outs
  - a large area for drilling (crown saw, punches)
- 1 to 3 DIN rails fixed asymmetrically onto the back
- a reversible front face, fitted with pre-cutout blanking plates
- a white opaque or translucent door or smoked transparent.

This enclosure can be equipped with a marker light, available in accessories. It allows locating the enclosure in the dark during a power failure.



## Technical data

Type	
In conformity with standards	IEC 61439-1 and 3 IEC 60670-1 and 24
Enclosure colour	White RAL 9003
Degree of protection	IP IP40 IK IK07
Materials	Plastic Self-extinguishing technoplastic material <sup>(1)</sup> Resistant to fire and abnormal heat to (as per IEC 60695-2-11): ■ 650°C
Insulation	Class 2 (as per IEC 61439-3)
Rated current (In)	4-module enclosure 50 A 6 to 36-module enclosures 63 A
Rated insulation voltage (Ui)	< 400 V

(1) Technoplastic material specially developed by Schneider Electric.

## Functions and technical data

# Mini Pragma

Surface mounting enclosures

Offer: without terminal block

PE104059-35



MIP10104T

PE104650-30



Insulating plug

## Catalogue numbers

White enclosures				Cat. no.		
Number of rows	Number of modules per row	Capacity in 18 mm modules	Rated current In (A)	With solid white door	With smoked translucent door	With smoked transparent door
1	4	4	50	MIP10104	MIP10104T	MIP10104S
	6	6	63	MIP10106	MIP10106T	MIP10106S
	8	8	63	MIP10108	MIP10108T	MIP10108S
	12	12	63	MIP10112	MIP10112T	MIP10112S
	18	18	63	MIP10118	MIP10118T	MIP10118S
2	12	24	63	MIP10212	MIP10212T	MIP10212S
3	12	36	63	MIP10312	MIP10312T	MIP10312S

## Components delivered with each enclosure

Type	
Insulating plug (pack of 4)	To be placed over the back fixing screws to obtain class 2 insulation
Identification strip for each row	To be glued onto the front panel
Blanking plates (packs of 10)	Clipped on the front face

## Functions and technical data

# Mini Pragma

## Surface mounting enclosures

### Offer: with earth terminal block

A range of 18 mm, 1, 2 or 3-row 4, 6, 8, 12, 18, 24 or 36-module ready-to-use enclosures designed for electricians: ergonomic design and flexibility of installation.

## Function

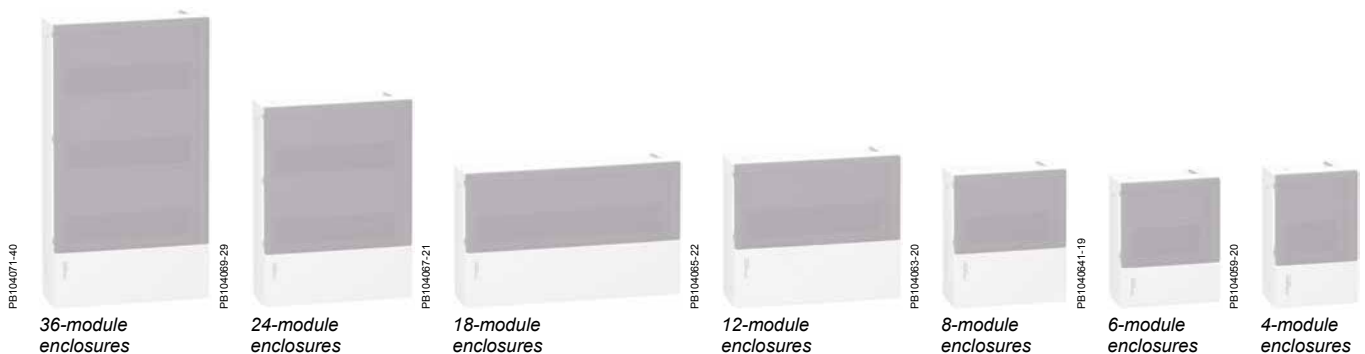
This distribution or sub-distribution enclosure, up to 63 A, is designed for installing electrical switchboards in new or renovated installations in the housing sector.

## Description

The surface mounting Mini Pragma consists of:

- a back with:
  - a centered slot to facilitate installation
  - fixing holes for vertical adjustment.
- the necessitate for entry cables:
  - two removable cable entry plates at the top and bottom
  - punch-outs
  - a large area for drilling (crown saw, punches)
- 1 to 3 DIN rails fixed asymmetrically onto the back
- a reversible front face, fitted with pre-cutout blanking plates
- a white opaque or translucent door or smoked transparent
- an earth terminal block.

This enclosure can be equipped with a marker light, available in accessories. It allows locating the enclosure in the dark during a power failure.



Smoked translucent door.



White door.



Smoked transparent door.

## Technical data

Type	
In conformity with standards	IEC 61439-1 and 3 IEC 60670-1 and 24
Enclosure colour	White RAL 9003
Degree of protection	IP IK IK07
Materials	Plastic Self-extinguishing technoplastic material <sup>(1)</sup> Resistant to fire and abnormal heat to (as per IEC 60695-2-11): ■ 750°C
Insulation	Class 2 (as per IEC 61439-3)
Rated current (In)	4-module enclosure 50 A 6 to 36-module enclosures 63 A
Rated insulation voltage (Ui)	< 400 V

(1) Technoplastic material specially developed by Schneider Electric.

# Mini Pragma

Surface mounting enclosures (cont.)

Offer: with earth terminal block

PE104059-35



MIP11104T

PE104650-30



Insulating plug

## Catalogue numbers

White enclosures				Cat. no.	
Number of rows	Number of modules per row	Capacity in 18 mm modules	Rated current In (A)	With solid white door	With smoked translucent door
1	4	4	50	MIP11104	MIP11104T
	6	6	63	MIP11106	MIP11106T
	8	8	63	MIP11108	MIP11108T
	12	12	63	MIP11112	MIP11112T
	18	18	63	MIP11118	MIP11118T
2	12	24	63	MIP11212	MIP11212T
3	12	36	63	MIP11312	MIP11312T

## Components delivered with each enclosure

Type	
Insulating plug (pack of 4)	To be placed over the back fixing screws to obtain class 2 insulation
Identification strip for each row	To be glued onto the front panel
Terminal block support	
Earth terminal block	Supplied with the 4 or 6-module enclosure 1 x 16 <sup>□</sup> + 2 x 10 <sup>□</sup> + 1 x 6 <sup>□</sup> Supplied with the 8 or 12-module enclosure 1 x 16 <sup>□</sup> + 4 x 10 <sup>□</sup> + 3 x 6 <sup>□</sup> Supplied with the 18 or 24-module enclosure 2 x 16 <sup>□</sup> + 8 x 10 <sup>□</sup> + 6 x 6 <sup>□</sup> Supplied with the 36-module enclosure 2 x 16 <sup>□</sup> + 9 x 10 <sup>□</sup> + 9 x 6 <sup>□</sup>
Blanking plates (packs of 10)	Clipped on the front face

## Functions and technical data

# Mini Pragma

## Surface mounting enclosures

### Offer: with earth + neutral terminal block

A range of 18 mm, 1, 2 or 3-row 4, 6, 8, 12, 18, 24 or 36-module ready-to-use enclosures designed for electricians: ergonomic design and flexibility of installation.

## Function

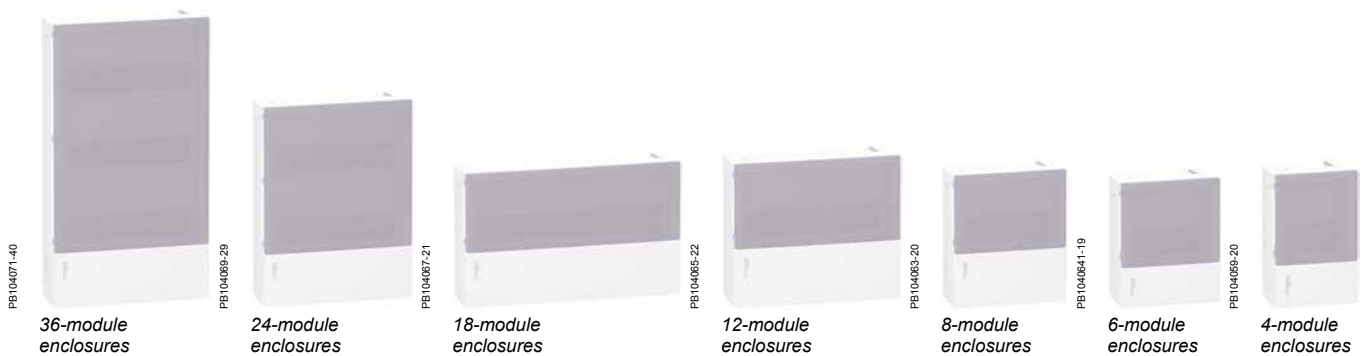
This distribution or sub-distribution enclosure, up to 63 A, is designed for installing electrical switchboards in new or renovated installations in the housing sector.

## Description

The surface mounting Mini Pragma consists of:

- a back with:
  - a centered slot to facilitate installation
  - fixing holes for vertical adjustment.
- the necessitate for entry cables:
  - two removable cable entry plates at the top and bottom
  - punch-outs
  - a large area for drilling (crown saw, punches)
- 1 to 3 DIN rails fixed asymmetrically onto the back
- a reversible front face, fitted with pre-cutout blanking plates
- a white opaque or translucent door or smoked transparent
- an earth terminal block and a neutral terminal block

This enclosure can be equipped with a marker light, available in accessories. It allows locating the enclosure in the dark during a power failure.



Smoked translucent door.



White door.



Smoked transparent door.

## Technical data

Type		
In conformity with standards	IEC 61439-1 and 3 IEC 60670-1 and 24	
Enclosure colour	White RAL 9003	
Degree of protection	IP IK	IP40 IK07
Materials	Plastic	Self-extinguishing technoplastic material <sup>(1)</sup> Resistant to fire and abnormal heat to (as per IEC 60695-2-11): ■ 650°C
Insulation	Class 2 (as per IEC 60439-3)	
Rated current (In)	4-module enclosure	50 A
	6 to 36-module enclosures	63 A
Rated insulation voltage (Ui)	< 400 V	

(1) Technoplastic material specially developed by Schneider Electric.

# Mini Pragma

Surface mounting enclosures

Offer: with earth + neutral terminal block

PE104059-35



MIP10104T

PE104850-30



Insulating plug

## Catalogue numbers

White enclosures				Cat. no.		
Number of rows	Number of modules per row	Capacity in 18 mm modules	Rated current In (A)	With solid white door	With smoked translucent door	With smoked transparent door
1	4	4	50	MIP12104	MIP12104T	MIP12104S
	6	6	63	MIP12106	MIP12106T	MIP12106S
	8	8	63	MIP12108	MIP12108T	MIP12108S
	12	12	63	MIP12112	MIP12112T	MIP12112S
	18	18	63	MIP12118	MIP12118T	MIP12118S
2	12	24	63	MIP12212	MIP12212T	MIP12212S
3	12	36	63	MIP12312	MIP12312T	MIP12312S

## Components delivered with each enclosure

Type		
Insulating plug (pack of 4)	To be placed over the back fixing screws to obtain class 2 insulation	
Identification strip for each row	To be glued onto the front panel	
Two terminal block supports		
Two earth/neutral terminal blocks	Supplied with the 4 or 6-module enclosure	2 x (1 x 16 <sup>□</sup> + 2 x 10 <sup>□</sup> + 1 x 6 <sup>□</sup> )
	Supplied with the 8 or 12-module enclosure	2 x (1 x 16 <sup>□</sup> + 4 x 10 <sup>□</sup> + 3 x 6 <sup>□</sup> )
	Supplied with the 18 or 24-module enclosure	2 x (2 x 16 <sup>□</sup> + 8 x 10 <sup>□</sup> + 6 x 6 <sup>□</sup> )
	Supplied with the 36-module enclosure	2 x (2 x 16 <sup>□</sup> + 9 x 10 <sup>□</sup> + 9 x 6 <sup>□</sup> )
Blanking plates (packs of 10)	Clipped on the front face	



# Presentation

## Mini Pragma

### Flush mounting enclosures

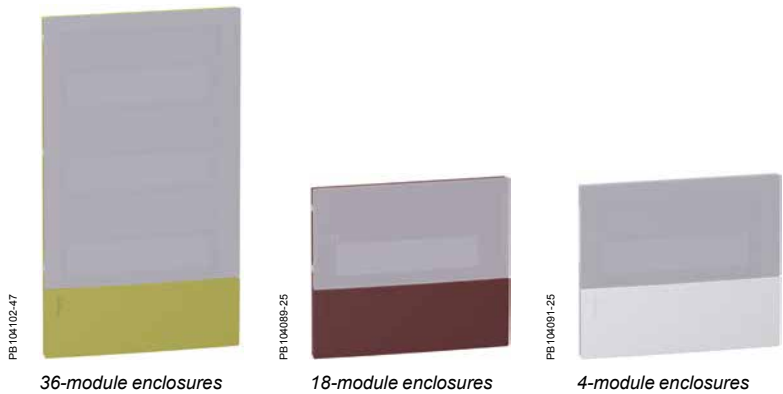
Mini Pragma is a robust modular enclosure (IK07), aesthetic with innovative design; it highly suitable for a living environment integration. It offers great security (IP40, IP41, with accessory) thanks to the front face with a white opaque or transparent door models on all models.

### The flush mounting enclosures

The range consists of enclosures with a width of 4, 6, 8, 12, 18, 24 or 36- module of 18 mm, of 1, 2 or 3-row ready-to-use; designed for electricians: ergonomic design and flexibility of installation.

#### Easy installation and large cabling space

The chassis shapes are rounded and are not wounding for the cable and finger.



36-module enclosures

18-module enclosures

4-module enclosures

PB104674-90

#### Base with pre-holes

- Clamping leg for hollow partition
- Carton protection for installation in masonry

#### Large space for cabling

#### Entry by cable, tube or trunking

#### Removable chassis

- 1 to 3 DIN rails adjustable asymmetrically

#### Earth terminal block

- Clipped with screw or quick connection

BD430301

#### Removable front face

- With insulating screen
- 5 colours available:
  - white
  - ivory
  - garnet red
  - pistachio green
  - misty grey

#### Blanking plates

PB104631-90

#### A white opaque or translucent or smoked transparent door

- Reversible opens to 140°, after which it can be removed, without breaking

#### Options

- Marker light: ensures that the electrical functions can be accessed in the event of a general power supply failure
- Earth, neutral and phase terminal block
- Kit IP41
- Keylock



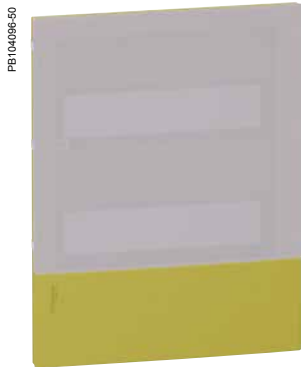
## Functions and technical data

# Mini Pragma

## Flush mounting enclosures

Offer: without terminal block

A range of 18 mm, 1, 2 or 3-row 4, 6, 8, 12, 18, 24 or 36-module ready-to-use enclosures designed for electricians: ergonomic design and flexibility of installation.



PB104096-50

### Function

This distribution or sub-distribution enclosure, up to 63 A, is designed for installing electrical switchboards in new or renovated installations in the housing sector.

### Description

Two choices are possible:

#### Offer to compose

This offer can compose the enclosures according to their own preference, based on a choice of 5 colours of different front face and a large number of accessories.

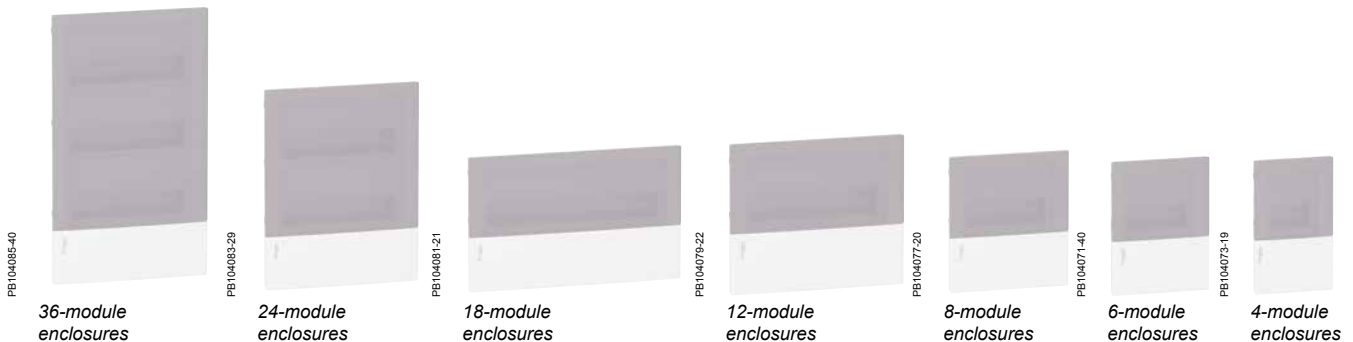
OR

#### Offer composed

This offer allows having for a single reference a complete enclosure equipped with:

- a symmetrical back box
- robust
- depth adapted to the walls of reduced thickness
- with pre-holes for entry tubes on the 4 sides
- 1 to 3 rails DIN, chassis allows the cabling outside the back box
- a rigid and reversible white (RAL 9003) front face, fitted with pre-cutout blanking plates with white opaque or translucent door or smoked transparent door.

This enclosure can be equipped with a marker light, available in accessories. It allows locating the enclosure in the dark during a power failure.



PB104085-40

36-module enclosures

PB104083-29

24-module enclosures

PB104081-21

18-module enclosures

PB104079-22

12-module enclosures

PB104077-20

8-module enclosures

PB104071-40

6-module enclosures

PB104073-19

4-module enclosures



PB104109-20

Smoked translucent door.



PB104107-20

White door.



DB124307

Smoked transparent door.

### Technical data

#### Type

In conformity with standards	IEC 61439-1 and 3 IEC 60670-1 and 24	
Degree of protection	IP	IP40
	IK	IK07
Materials	Plastic	Self-extinguishing technoplastic material <sup>(1)</sup> Resistant to fire and abnormal heat to (as per IEC 60695-2-11): ■ Front: 650°C ■ Back: 650°C
Insulation	Class 2	
Rated current (In)	4-module enclosure	50 A
	6 to 36-module enclosures	63 A
Rated insulation voltage (Ui)	< 400 V	

(1) Technoplastic material specially developed by Schneider Electric.

# Mini Pragma

Flush mounting enclosures (cont.)

Offer: without terminal block

## Offer to compose

Base + Front face + Accessories



MIP80112



MIP30104T



MIP60104T



MIP40104T



MIP70104T



MIP50104T

Front face*			Cat. no.		+	Base
Number of rows	Number of modules per row	Capacity in 18 mm modules	With solid white door	With smoked transparent door		Only
<b>White</b>						
1	4	4	MIP30104	MIP30104T		MIP80104
	6	6	MIP30106	MIP30106T		MIP80106
	8	8	MIP30108	MIP30108T		MIP80108
	12	12	MIP30112	MIP30112T		MIP80112
	18	18	MIP30118	MIP30118T		MIP80118
2	12	24	MIP30212	MIP30212T		MIP80212
3	12	36	MIP30312	MIP30312T		MIP80312
<b>Ivory</b>						
1	4	4	-	MIP40104T		MIP80104
	6	6	-	MIP40106T		MIP80106
	8	8	-	MIP40108T		MIP80108
	12	12	-	MIP40112T		MIP80112
	18	18	-	MIP40118T		MIP80118
2	12	24	-	MIP40212T		MIP80212
3	12	36	-	MIP40312T		MIP80312
<b>Garnet red</b>						
1	4	4	-	MIP50104T		MIP80104
	6	6	-	MIP50106T		MIP80106
	8	8	-	MIP50108T		MIP80108
	12	12	-	MIP50112T		MIP80112
	18	18	-	MIP50118T		MIP80118
2	12	24	-	MIP50212T		MIP80212
3	12	36	-	MIP50312T		MIP80312
<b>Pistachio green</b>						
1	4	4	-	MIP60104T		MIP80104
	6	6	-	MIP60106T		MIP80106
	8	8	-	MIP60108T		MIP80108
	12	12	-	MIP60112T		MIP80112
	18	18	-	MIP60118T		MIP80118
2	12	24	-	MIP60212T		MIP80212
3	12	36	-	MIP60312T		MIP80312
<b>Misty grey</b>						
1	4	4	-	MIP70104T		MIP80104
	6	6	-	MIP70106T		MIP80106
	8	8	-	MIP70108T		MIP80108
	12	12	-	MIP70112T		MIP80112
	18	18	-	MIP70118T		MIP80118
2	12	24	-	MIP70212T		MIP80212
3	12	36	-	MIP70312T		MIP80312

(\*) Chassis and DIN rails delivered with the front face.

# Mini Pragma

Flush mounting enclosures (cont.)

Offer: without terminal block

PB104638-45



MIP99035

## Other accessories

Type		Cat. no.
Flush mounting IP41 kit		MIP99035
Terminal block support (pack of 2)	18 modules	MIP99036
Terminal block	1 x 16 <sup>□</sup> + 2 x 10 <sup>□</sup> + 1 x 6 <sup>□</sup>	MIP99037
	1 x 16 <sup>□</sup> + 4 x 10 <sup>□</sup> + 3 x 6 <sup>□</sup>	MIP99038
	2 x 16 <sup>□</sup> + 8 x 10 <sup>□</sup> + 6 x 6 <sup>□</sup>	MIP99039
	2 x 16 <sup>□</sup> + 9 x 10 <sup>□</sup> + 9 x 6 <sup>□</sup>	MIP99040
Earth terminal block <sup>(2)</sup>	1 x 6/25 <sup>□</sup> screw + 4 x 1.5/4 <sup>□(1)</sup> with plug/in (63 A) + 1 jumper	LGYT1E05
	3 x 6/25 <sup>□</sup> screw + 11 x 1.5/4 <sup>□(1)</sup> with plug/in (63 A) + 1 jumper	LGYT1E14
	3 x 6/25 <sup>□</sup> screw + 21 x 1.5/4 <sup>□(1)</sup> with plug/in (63 A) + 1 jumper	LGYT1E24
Ph+N insulated terminal block (pack of 2)	2 x (4 x 16 <sup>□</sup> )	R9H13405
	2 x (1 x 35 <sup>□</sup> + 6 x 16 <sup>□</sup> )	R9H13411
Blanking plate	5 modules	R9H13387
Symbol plate	Standard	13735
	Special	13736
Keylock		MIP99046
Hollow partition flush mounting kit		MIP99047
Marker light		MIP99050

(1) Up to 6 mm<sup>2</sup> for rigid and stranded cables without ferrule limited to 32 A.

(2) Rated connection capacity.

PB104073-36



MIP20104T

## Offer composed without terminal block

White enclosures				Cat. no.		
Number of rows	Number of modules per row	Capacity in 18 mm modules	Rated current In (A)	Solid white door	Smoked translucent door	Smoked transparent door
1	4	4	50	MIP20104	MIP20104T	MIP20104S
	6	6	63	MIP20106	MIP20106T	MIP20106S
	8	8	63	MIP20108	MIP20108T	MIP20108S
	12	12	63	MIP20112	MIP20112T	MIP20112S
	18	18	63	MIP20118	MIP20118T	MIP20118S
2	12	24	63	MIP20212	MIP20212T	MIP20212S
3	12	36	63	MIP20312	MIP20312T	MIP20312S

## Components delivered with each enclosure

Type	
Identification strip for each row	To be glued onto the front panel
Blanking plates (packs of 10)	Clipped on the front face

# Functions and technical data

## Mini Pragma

### Flush mounting enclosures

#### Offer: with earth terminal block

A range of 18 mm, 1, 2 or 3-row 4, 6, 8, 12, 18, 24 or 36-module ready-to-use enclosures designed for electricians: ergonomic design and flexibility of installation.

### Function

This distribution or sub-distribution enclosure, up to 63 A, is designed for installing electrical switchboards in new or renovated installations in the housing sector.

### Description

Two choices are possible:

#### Offer to compose

This offer can compose the enclosures according to their own preference, based on a choice of 5 colours of different front face and a large number of accessories.

OR

#### Offer composed

This offer allows having for a single reference a complete enclosure equipped with:

- a symmetrical back box
- robust
- depth adapted to the walls of reduced thickness
- with pre-holes for entry tubes on the 4 sides
- 1 to 3 rails DIN, chassis allows the cabling outside the back box
- a rigid and reversible white (RAL 9003) front face, fitted with pre-cutout blanking plates with white opaque or translucent door or smoked transparent door
- an earth terminal block.

This enclosure can be equipped with a marker light, available in accessories. It allows locating the enclosure in the dark during a power failure.



PB104096-50



PB104085-40

36-module enclosures



PB104083-29

24-module enclosures



PB104081-21

18-module enclosures



PB104075-22

12-module enclosures



PB104077-20

8-module enclosures



PB104071-40

6-module enclosures



PB104073-19

4-module enclosures



PB104108-20

Smoked translucent door.



PB104107-20

White door.



DB124307

Smoked transparent door.

### Technical data

#### Type

In conformity with standards	IEC 61439-1 and 3 IEC 60670-1 and 24	
Degree of protection	IP IK	IP40 IK07
Materials	Plastic	Self-extinguishing technoplastic material <sup>(1)</sup> Resistant to fire and abnormal heat to (as per IEC 60695-2-11): ■ Front: 650°C (to compose) / 750°C (composed) ■ Back: 850°C
Insulation	Class 2	
Rated current (In)	4-module enclosure	50 A
	6 to 36-module enclosures	63 A
Rated insulation voltage (Ui)	< 400 V	

(1) Technoplastic material specially developed by Schneider Electric.

# Mini Pragma

Flush mounting enclosures (cont.)

Offer: with earth terminal block

## Offer to compose

Base + Front face + Accessories



MIP81112



MIP30104T



MIP60104T



MIP40104T



MIP70104T



MIP50104T

Front face*			Cat. no.		+	Base
Number of rows	Number of modules per row	Capacity in 18 mm modules	With solid white door	With smoked transparent door		With earth terminal block
<b>White</b>						
1	4	4	MIP30104	MIP30104T		MIP81104
	6	6	MIP30106	MIP30106T		MIP81106
	8	8	MIP30108	MIP30108T		MIP81108
	12	12	MIP30112	MIP30112T		MIP81112
	18	18	MIP30118	MIP30118T		MIP81118
2	12	24	MIP30212	MIP30212T		MIP81212
3	12	36	MIP30312	MIP30312T		MIP81312
<b>Ivory</b>						
1	4	4	-	MIP40104T		MIP81104
	6	6	-	MIP40106T		MIP81106
	8	8	-	MIP40108T		MIP81108
	12	12	-	MIP40112T		MIP81112
	18	18	-	MIP40118T		MIP81118
2	12	24	-	MIP40212T		MIP81212
3	12	36	-	MIP40312T		MIP81312
<b>Garnet red</b>						
1	4	4	-	MIP50104T		MIP81104
	6	6	-	MIP50106T		MIP81106
	8	8	-	MIP50108T		MIP81108
	12	12	-	MIP50112T		MIP81112
	18	18	-	MIP50118T		MIP81118
2	12	24	-	MIP50212T		MIP81212
3	12	36	-	MIP50312T		MIP81312
<b>Pistachio green</b>						
1	4	4	-	MIP60104T		MIP81104
	6	6	-	MIP60106T		MIP81106
	8	8	-	MIP60108T		MIP81108
	12	12	-	MIP60112T		MIP81112
	18	18	-	MIP60118T		MIP81118
2	12	24	-	MIP60212T		MIP81212
3	12	36	-	MIP60312T		MIP81312
<b>Misty grey</b>						
1	4	4	-	MIP70104T		MIP81104
	6	6	-	MIP70106T		MIP81106
	8	8	-	MIP70108T		MIP81108
	12	12	-	MIP70112T		MIP81112
	18	18	-	MIP70118T		MIP81118
2	12	24	-	MIP70212T		MIP81212
3	12	36	-	MIP70312T		MIP81312

(\*) Chassis and DIN rails delivered with the front face.

# Mini Pragma

## Flush mounting enclosures (cont.)

Offer: with earth terminal block

PE104639-45



MIP99035

### Other accessories

Type		Cat. no.
Flush mounting IP41 kit		<b>MIP99035</b>
Terminal block support (pack of 2)	18 modules	<b>MIP99036</b>
Terminal block	1 x 16 <sup>□</sup> + 2 x 10 <sup>□</sup> + 1 x 6 <sup>□</sup>	<b>MIP99037</b>
	1 x 16 <sup>□</sup> + 4 x 10 <sup>□</sup> + 3 x 6 <sup>□</sup>	<b>MIP99038</b>
	2 x 16 <sup>□</sup> + 8 x 10 <sup>□</sup> + 6 x 6 <sup>□</sup>	<b>MIP99039</b>
	2 x 16 <sup>□</sup> + 9 x 10 <sup>□</sup> + 9 x 6 <sup>□</sup>	<b>MIP99040</b>
Earth terminal block <sup>(2)</sup>	1 x 6/25 <sup>□</sup> screw + 4 x 1.5/4 <sup>□(1)</sup> with plug/in (63 A) + 1 jumper	<b>LGYT1E05</b>
	3 x 6/25 <sup>□</sup> screw + 11 x 1.5/4 <sup>□(1)</sup> with plug/in (63 A) + 1 jumper	<b>LGYT1E14</b>
	3 x 6/25 <sup>□</sup> screw + 21 x 1.5/4 <sup>□(1)</sup> with plug/in (63 A) + 1 jumper	<b>LGYT1E24</b>
Ph+N insulated terminal block (pack of 2)	2 x (4 x 16 <sup>□</sup> )	<b>R9H13405</b>
	2 x (1 x 35 <sup>□</sup> + 6 x 16 <sup>□</sup> )	<b>R9H13411</b>
Blanking plate	5 modules	<b>R9H13387</b>
Symbol plate	Standard	<b>13735</b>
	Special	<b>13736</b>
Keylock		<b>MIP99046</b>
Hollow partition flush mounting kit		<b>MIP99047</b>
Marker light		<b>MIP99050</b>

(1) Up to 6 mm<sup>2</sup> for rigid and stranded cables without ferrule limited to 32 A.

(2) Rated connection capacity.

PE104073-36



MIP20104T

### Offer composed with earth terminal block

White enclosures				Cat. no.	
Number of rows	Number of modules per row	Capacity in 18 mm modules	Rated current In (A)	With solid white door	With smoked translucent door
1	4	4	50	<b>MIP21104</b>	<b>MIP21104T</b>
	6	6	63	<b>MIP21106</b>	<b>MIP21106T</b>
	8	8	63	<b>MIP21108</b>	<b>MIP21108T</b>
	12	12	63	<b>MIP21112</b>	<b>MIP21112T</b>
	18	18	63	<b>MIP21118</b>	<b>MIP21118T</b>
2	12	24	63	<b>MIP21212</b>	<b>MIP21212T</b>
3	12	36	63	<b>MIP21312</b>	<b>MIP21312T</b>

### Components delivered with each enclosure

Type		
Flush mounting kit	For hollow partition	
Identification strip for each row	To be glued onto the front panel	
Terminal block support		
Earth terminal block	Supplied with the 4 or 6-module enclosure	1 x 16 <sup>□</sup> + 2 x 10 <sup>□</sup> + 1 x 6 <sup>□</sup>
	Supplied with the 8 or 12-module enclosure	1 x 16 <sup>□</sup> + 4 x 10 <sup>□</sup> + 3 x 6 <sup>□</sup>
	Supplied with the 18 or 24-module enclosure	2 x 16 <sup>□</sup> + 8 x 10 <sup>□</sup> + 6 x 6 <sup>□</sup>
	Supplied with the 36-module enclosure	2 x 16 <sup>□</sup> + 9 x 10 <sup>□</sup> + 9 x 6 <sup>□</sup>
Blanking plates (packs of 10)	Clipped on the front face	

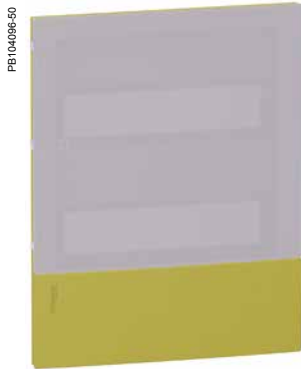
## Functions and technical data

# Mini Pragma

## Flush mounting enclosures

### Offer: with earth + neutral terminal blocks

A range of 18 mm, 1, 2 or 3-row 4, 6, 8, 12, 18, 24 or 36-module ready-to-use enclosures designed for electricians: ergonomic design and flexibility of installation.



PB104096-50



PB104085-40

36-module enclosures



PB104083-29

24-module enclosures



PB104081-21

18-module enclosures



PB104075-22

12-module enclosures



PB104077-20

8-module enclosures



PB104071-40

6-module enclosures



PB104073-19

4-module enclosures



PB104108-20

Smoked translucent door.



PB104107-20

White door.



DB124307

Smoked transparent door.

## Function

This distribution or sub-distribution enclosure, up to 63 A, is designed for installing electrical switchboards in new or renovated installations in the housing sector.

## Description

Two choices are possible:

### Offer to compose

This offer can compose the enclosures according to their own preference, based on a choice of 5 colours of different front face and a large number of accessories.

OR

### Offer composed

This offer allows having for a single reference a complete enclosure equipped with:

- a symmetrical back box
- robust
- depth adapted to the walls of reduced thickness
- with pre-holes for entry tubes on the 4 sides
- 1 to 3 rails DIN, chassis allows the cabling outside the back box
- a rigid and reversible white (RAL 9003) front face, fitted with pre-cutout blanking plates with white opaque or translucent door or smoked transparent door
- an earth and neutral terminal block

This enclosure can be equipped with a marker light, available in accessories. It allows locating the enclosure in the dark during a power failure.

## Technical data

### Type

In conformity with standards	IEC 61439-1 and 3 IEC 60670-1 and 24	
Degree of protection	IP	IP40
	IK	IK07
Materials	Plastic	Self-extinguishing technoplastic material <sup>(1)</sup> Resistant to fire and abnormal heat to (as per IEC 60695-2-11): ■ Front: 650°C ■ Back: 650°C
Insulation	Class 2	
Rated current (In)	4-module enclosure	50 A
	6 to 36-module enclosures	63 A
Rated insulation voltage (Ui)	< 400 V	

(1) Technoplastic material specially developed by Schneider Electric.

# Mini Pragma

Flush mounting enclosures

Offer: with earth + neutral terminal blocks

## Offer to compose

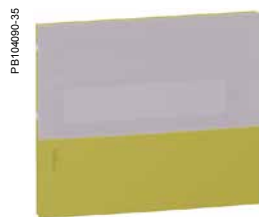
Base + Front face + Accessories



MIP82112



MIP30104T



MIP60104T



MIP40104T



MIP70104T



MIP50104T

Front face*			Cat. no.		+	Base
Number of rows	Number of modules per row	Capacity in 18 mm modules	With solid white door	With smoked translucent door		With earth + neutral terminal block
<b>White</b>						
1	4	4	MIP30104	MIP30104T		MIP82104
	6	6	MIP30106	MIP30106T		MIP82106
	8	8	MIP30108	MIP30108T		MIP82108
	12	12	MIP30112	MIP30112T		MIP82112
	18	18	MIP30118	MIP30118T		MIP82118
2	12	24	MIP30212	MIP30212T		MIP82212
3	12	36	MIP30312	MIP30312T		MIP82312
<b>Ivory</b>						
1	4	4	-	MIP40104T		MIP82104
	6	6	-	MIP40106T		MIP82106
	8	8	-	MIP40108T		MIP82108
	12	12	-	MIP40112T		MIP82112
	18	18	-	MIP40118T		MIP82118
2	12	24	-	MIP40212T		MIP82212
3	12	36	-	MIP40312T		MIP82312
<b>Garnet red</b>						
1	4	4	-	MIP50104T		MIP82104
	6	6	-	MIP50106T		MIP82106
	8	8	-	MIP50108T		MIP82108
	12	12	-	MIP50112T		MIP82112
	18	18	-	MIP50118T		MIP82118
2	12	24	-	MIP50212T		MIP82212
3	12	36	-	MIP50312T		MIP82312
<b>Pistachio green</b>						
1	4	4	-	MIP60104T		MIP82104
	6	6	-	MIP60106T		MIP82106
	8	8	-	MIP60108T		MIP82108
	12	12	-	MIP60112T		MIP82112
	18	18	-	MIP60118T		MIP82118
2	12	24	-	MIP60212T		MIP82212
3	12	36	-	MIP60312T		MIP82312
<b>Misty grey</b>						
1	4	4	-	MIP70104T		MIP82104
	6	6	-	MIP70106T		MIP82106
	8	8	-	MIP70108T		MIP82108
	12	12	-	MIP70112T		MIP82112
	18	18	-	MIP70118T		MIP82118
2	12	24	-	MIP70212T		MIP82212
3	12	36	-	MIP70312T		MIP82312

(\*) Chassis and DIN rails delivered with the front face.

# Mini Pragma

## Flush mounting enclosures (cont.)

Offer: with earth + neutral terminal blocks

PB104638-45



MIP99035

### Other accessories

Type		Cat. no.
Flush mounting IP41 kit		MIP99035
Terminal block support (pack of 2)	18 modules	MIP99036
Terminal block	1 x 16 <sup>□</sup> + 2 x 10 <sup>□</sup> + 1 x 6 <sup>□</sup>	MIP99037
	1 x 16 <sup>□</sup> + 4 x 10 <sup>□</sup> + 3 x 6 <sup>□</sup>	MIP99038
	2 x 16 <sup>□</sup> + 8 x 10 <sup>□</sup> + 6 x 6 <sup>□</sup>	MIP99039
	2 x 16 <sup>□</sup> + 9 x 10 <sup>□</sup> + 9 x 6 <sup>□</sup>	MIP99040
Earth terminal block <sup>(2)</sup>	1 x 6/25 <sup>□</sup> screw + 4 x 1.5/4 <sup>□(1)</sup> with plug/in (63 A) + 1 jumper	LGYT1E05
	3 x 6/25 <sup>□</sup> screw + 11 x 1.5/4 <sup>□(1)</sup> with plug/in (63 A) + 1 jumper	LGYT1E14
	3 x 6/25 <sup>□</sup> screw + 21 x 1.5/4 <sup>□(1)</sup> with plug/in (63 A) + 1 jumper	LGYT1E24
Ph+N insulated terminal block (pack of 2)	2 x (4 x 16 <sup>□</sup> )	R9H13405
	2 x (1 x 35 <sup>□</sup> + 6 x 16 <sup>□</sup> )	R9H13411
Blanking plate	5 modules	R9H13387
Symbol plate	Standard	13735
	Special	13736
Keylock		MIP99046
Hollow partition flush mounting kit		MIP99047
Marker light		MIP99050

(1) Up to 6 mm<sup>2</sup> for rigid and stranded cables without ferrule limited to 32 A.

(2) Rated connection capacity.

PB104073-36



MIP20104T

### Offer composed with earth and neutral terminal blocks

White enclosures				Cat. no.		
Number of rows	Number of modules per row	Capacity in 18 mm modules	Rated current In (A)	With solid white door	With smoked translucent door	With smoked transparent door
1	4	4	50	MIP22104	MIP22104T	MIP22104S
	6	6	63	MIP22106	MIP22106T	MIP22106S
	8	8	63	MIP22108	MIP22108T	MIP22108S
	12	12	63	MIP22112	MIP22112T	MIP22112S
	18	18	63	MIP22118	MIP22118T	MIP22118S
2	12	24	63	MIP22212	MIP22212T	MIP22212S
3	12	36	63	MIP22312	MIP22312T	MIP22312S

### Components delivered with each enclosure

Type		
Identification strip for each row	To be glued onto the front panel	
Two terminal block supports		
Two earth/neutral terminal blocks	Supplied with the 4 or 6-module enclosure	2 x (1 x 16 <sup>□</sup> + 2 x 10 <sup>□</sup> + 1 x 6 <sup>□</sup> )
	Supplied with the 8 or 12-module enclosure	2 x (1 x 16 <sup>□</sup> + 4 x 10 <sup>□</sup> + 3 x 6 <sup>□</sup> )
	Supplied with the 18 or 24-module enclosure	2 x (2 x 16 <sup>□</sup> + 8 x 10 <sup>□</sup> + 6 x 6 <sup>□</sup> )
	Supplied with the 36-module enclosure	2 x (2 x 16 <sup>□</sup> + 9 x 10 <sup>□</sup> + 9 x 6 <sup>□</sup> )
Blanking plates (packs of 10)	Clipped on the front face	

# Presentation

## Mini Pragma

### Flush mounting enclosures

#### Offer: Universal

Mini Pragma is a robust modular enclosure (IK07), aesthetic with innovative design; it highly suitable for a living environment integration. It offers great security (IP40, IP41, with accessory) thanks to the front face with a white opaque door models on all models.

### The flush mounting enclosures

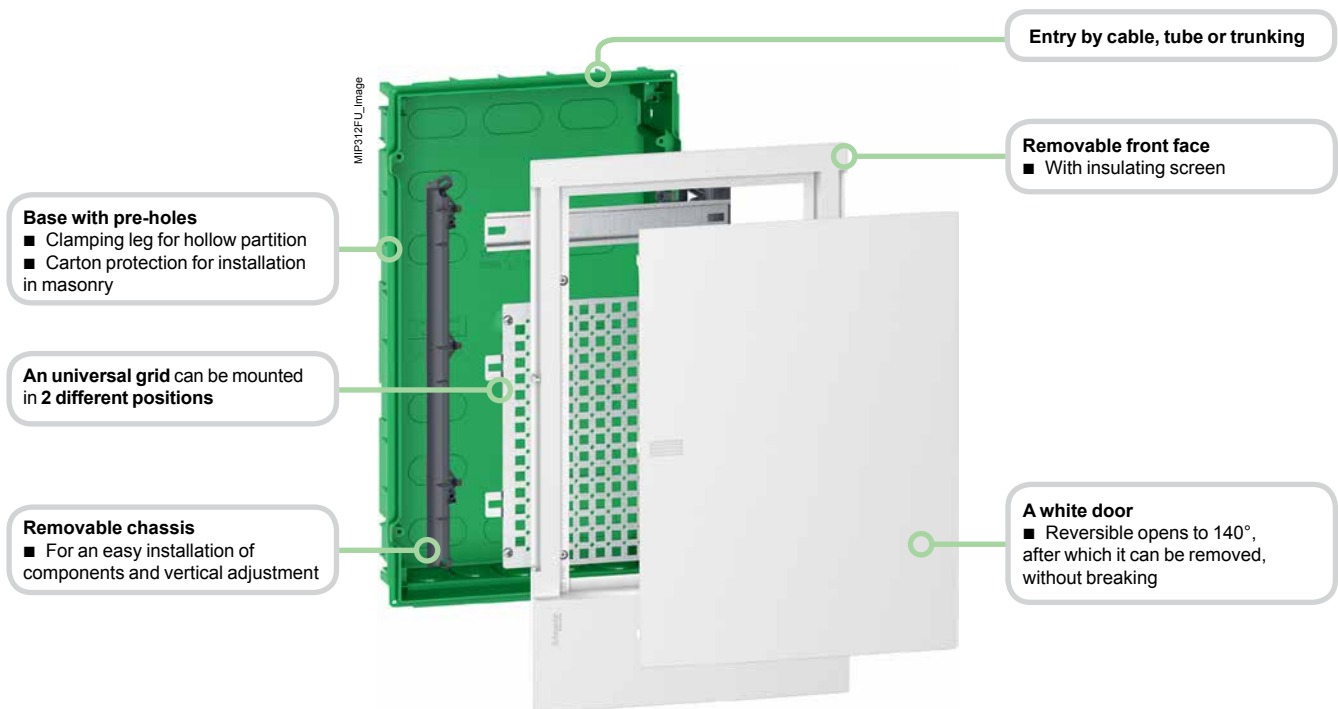
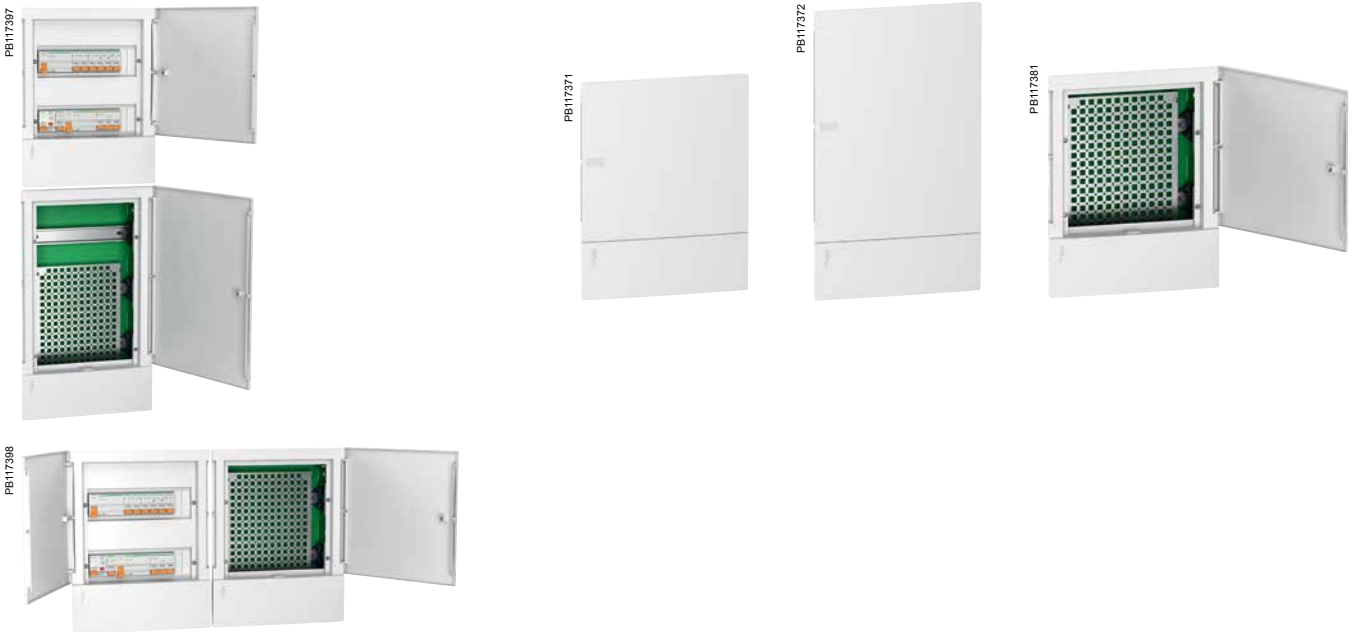
The range consists of enclosures with a width of 12 modules of 2 or 3 rows.

### Function

This distribution or sub-distribution enclosure is made for flush-mounted in masonry or in gypsum partition. It is intended for new or renovated installation in residential. The universal version is the best solution for all the non electrical distribution application like multimedia central or alarm; thanks to DIN Rail (in 3 row version) and the universal grid, all components are compatible. Smart accessories let you move around the components the way you like, creating a structure in perfect order and tailor-made for your customer's needs. The consistency in design with distribution enclosure range allow best installation in term of aesthetic and technology. Mini Pragma Universal can be installed side by side to an electrical distribution enclosure and guarantee a good final design.

### Description

12-module enclosures



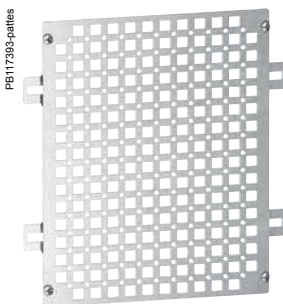
## Functions and technical data

# Mini Pragma

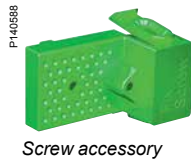
## Flush mounting enclosures

### Offer: Universal

A range of 2 or 3-row, 12 modules ready-to-use enclosures designed for electricians: ergonomic design and flexibility of installation.



Box accessory



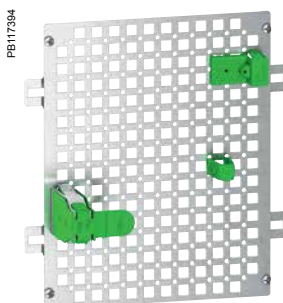
Screw accessory



RJ45 accessory



Cable accessory



## Technical data

### Enclosures

Compliance with standards		IEC 60670-1
Rated current (In)	12 modules	63 A
Rated insulation voltage (Ui)		< 400 V
Insulation		Class 2 (as per IEC 61439-3)
Degree of protection		IP40 with closed door
	Against mechanical impacts	IK07
Self-extinguishing technoplastic materials <sup>(1)</sup> : resistant to fire and abnormal heat to (as per IEC 60695-2-11)	Front	750°C
	Back	850°C

(1) Technoplastic material specially developed by Schneider Electric.

### Components delivered with each enclosure

Type	Enclosure	
	2 rows	3 rows
1 DIN rail		■
Universal grid	■	■
Plain door	■	■
Back part	□ (included or as separate component depending on the market)	

### Catalogue numbers

Type	Cat. no.	
Back part	Number of rows	
Without	2	MIP30212U
	3	MIP30312U
With	2	MIP212FU
	3	MIP312FU

### Accessories FIX Family compliant with the grid

Type	Cat. no.
<b>Box accessory</b>	
Allow the tool-less fixing of the active components (Box ADSL, switch, ONT, etc.)	
■ 2 Fix box compatible with component thickness from 25 to 85 mm	
<b>Fix Box</b>	<b>VDIR380002</b>
<b>Screw accessory</b>	
Allow the tool-less fixing of the components using screws (splitters)	
■ 2 Fix screw	
<b>Fix Screw</b>	<b>VDIR380003</b>
<b>Cable accessory</b>	
Allow the cable/patchcord management inside the telecom cabinet	
■ 2 Fix cable	
<b>Fix cable</b>	<b>VDIR380004</b>
<b>RJ45 accessory</b>	
Allow the support of the RJ45 S-ONE connectors equipped with:	
■ A thumb wheel for the choice of application	
■ 6 pictos sheel for the choice of rooms	
■ Blank labels for free identification	
■ Earthing automatic clip for maximal security	
<b>Fix RJ45</b>	<b>VDIR380005</b>

## Mini Pragma

## Flush mounting enclosures

Selection table	Description	Surface	Flush	Cat. no.
<b>Connection accessories</b>				
Terminal block support	(pack of 2)	•	•	MIP99036
Terminal block	1 x 16 □ + 2 x 10 □ + 1 x 6 □	•	•	MIP99037
	1 x 16 □ + 4 x 10 □ + 3 x 6 □	•	•	MIP99038
	2 x 16 □ + 8 x 10 □ + 6 x 6 □	•	•	MIP99039
	2 x 16 □ + 9 x 10 □ + 9 x 6 □	•	•	MIP99040
Earth terminal block	5 holes	•	•	LGYT1E05
	14 holes	•	•	LGYT1E14
	24 holes	•	•	LGYT1E24
Ph+N insulated terminal blocks (pack of 2)	2 x (4 x 16 □)	•	•	R9H13405
	2 x (1 x 35 □ + 6 x 16 □)	•	•	R9H13411
Ph+Ph insulated terminal blocks (set of 2, black and grey)	4 holes 63 A	•	•	R9H13405P
	7 holes 125 A	•	•	R9H13411P
N+N insulated terminal blocks (set of 2, blue)	4 holes 63 A	•	•	R9H13405N
	7 holes 125 A	•	•	R9H13411N
<b>Installation accessories</b>				
Kit IP41		•		MIP99034
Kit IP41 flush mounting			•	MIP99035
Hollow partition flush mounting kit			•	MIP99047
<b>Base</b>				
Base only	1 row of 4 modules		•	MIP80104
	1 row of 6 modules		•	MIP80106
	1 row of 8 modules		•	MIP80108
	1 row of 12 modules		•	MIP80112
	1 row of 18 modules		•	MIP80118
	2 rows of 12 modules		•	MIP80212
	3 rows of 12 modules		•	MIP80312
Base with earth terminal block	1 row of 4 modules		•	MIP81104
	1 row of 6 modules		•	MIP81106
	1 row of 8 modules		•	MIP81108
	1 row of 12 modules		•	MIP81112
	1 row of 18 modules		•	MIP81118
	2 rows of 12 modules		•	MIP81212
Base with earth/neutral insulated terminal blocks	3 rows of 12 modules		•	MIP81312
	1 row of 4 modules		•	MIP82104
	1 row of 6 modules		•	MIP82106
	1 row of 8 modules		•	MIP82108
	1 row of 12 modules		•	MIP82112
	1 row of 18 modules		•	MIP82118
	2 rows of 12 modules		•	MIP82212
	3 rows of 12 modules		•	MIP82312
	<b>Finishing accessories</b>			
Blanking plate		•	•	R9H13387
2 white removables plates	4 modules	•		MIP99029
	6 modules	•		MIP99030
	8 modules	•		MIP99031
	12 modules	•		MIP99032
	18 modules	•		MIP99033

## Mini Pragma

## Flush mounting enclosures





Selection table	Description	Surface	Flush	Cat. no.
Symbol plate	Standard	•	•	13735
	Special	•	•	13736
Keylock		•	•	MP99046
Marker light		•	•	MIP99050

Front face				
White front panel with solid white door	1 row of 4 modules		•	MIP30104
	1 row of 6 modules		•	MIP30106
	1 row of 8 modules		•	MIP30108
	1 row of 12 modules		•	MIP30112
	1 row of 18 modules		•	MIP30118
	2 rows of 12 modules		•	MIP30212
	3 rows of 12 modules		•	MIP30312
White front panel with smoked transparent door	1 row of 4 modules		•	MIP30104T
	1 row of 6 modules		•	MIP30106T
	1 row of 8 modules		•	MIP30108T
	1 row of 12 modules		•	MIP30112T
	1 row of 18 modules		•	MIP30118T
	2 rows of 12 modules		•	MIP30212T
	3 rows of 12 modules		•	MIP30312T
Ivory front panel with smoked transparent door	1 row of 4 modules		•	MIP40104T
	1 row of 6 modules		•	MIP40106T
	1 row of 8 modules		•	MIP40108T
	1 row of 12 modules		•	MIP40112T
	1 row of 18 modules		•	MIP40118T
	2 rows of 12 modules		•	MIP40212T
	3 rows of 12 modules		•	MIP40312T
Gamet red front panel with smoked transparent door	1 row of 4 modules		•	MIP50104T
	1 row of 6 modules		•	MIP50106T
	1 row of 8 modules		•	MIP50108T
	1 row of 12 modules		•	MIP50112T
	1 row of 18 modules		•	MIP50118T
	2 rows of 12 modules		•	MIP50212T
	3 rows of 12 modules		•	MIP50312T
Pistachio green front panel with smoked transparent door	1 row of 4 modules		•	MIP60104T
	1 row of 6 modules		•	MIP60106T
	1 row of 8 modules		•	MIP60108T
	1 row of 12 modules		•	MIP60112T
	1 row of 18 modules		•	MIP60118T
	2 rows of 12 modules		•	MIP60212T
	3 rows of 12 modules		•	MIP60312T
Misty grey front panel with smoked transparent door	1 row of 4 modules		•	MIP70104T
	1 row of 6 modules		•	MIP70106T
	1 row of 8 modules		•	MIP70108T
	1 row of 12 modules		•	MIP70112T
	1 row of 18 modules		•	MIP70118T
	2 rows of 12 modules		•	MIP70212T
	3 rows of 12 modules		•	MIP70312T

# Mini Pragma

## Flush mounting enclosures







### Accessories for enclosures

Connection accessories		Cat. no.	
Type		Description	
Terminal block support (pack of 2)	18 modules 	The terminal block support can be clipped directly onto the back at the top and bottom of the enclosure. It clips immediately into place. Moreover, an audible "click" ensures that it is in the correct position. It is sufficiently clear of the back not to impede the cable routing and to ensure easy connection. It provides: <ul style="list-style-type: none"> <li>■ a viewing angle ensuring that the cable is securely in place</li> <li>■ a screwing angle ensuring that the screws are tight</li> </ul>	
Terminal block 	1 x 16 <sup>□</sup> + 2 x 10 <sup>□</sup> + 1 x 6 <sup>□</sup>	Simplifies electrical connection <ul style="list-style-type: none"> <li>■ Installation:                             <ul style="list-style-type: none"> <li>□ clips onto the terminal block support</li> </ul> </li> <li>■ Consists of:                             <ul style="list-style-type: none"> <li>□ captive screws supplied open</li> <li>□ guides making it easier to insert cables into the tunnels</li> </ul> </li> </ul>	
	1 x 16 <sup>□</sup> + 4 x 10 <sup>□</sup> + 3 x 6 <sup>□</sup>		MIP99037
	2 x 16 <sup>□</sup> + 8 x 10 <sup>□</sup> + 6 x 6 <sup>□</sup>		MIP99038
	2 x 16 <sup>□</sup> + 9 x 10 <sup>□</sup> + 9 x 6 <sup>□</sup>		MIP99039 MIP99040
Earth terminal block 	5 holes	1 x 6/25 <sup>□</sup> screw + 4 x 1.5/4 <sup>□(1)</sup> with plug/in (63 A) + 1 jumper	
	14 holes	3 x 6/25 <sup>□</sup> screw + 11 x 1.5/4 <sup>□(1)</sup> with plug/in (63 A) + 1 jumper	
	24 holes	3 x 6/25 <sup>□</sup> screw + 21 x 1.5/4 <sup>□(1)</sup> with plug/in (63 A) + 1 jumper	
Ph+N insulated terminal blocks (pack of 2) 	2 x (4 x 16 <sup>□</sup> )	Insulated up to 125 A	
	2 x (1 x 35 <sup>□</sup> + 6 x 16 <sup>□</sup> )		
Ph+Ph insulated terminal blocks (set of 2, black and grey)	4 x 16 <sup>□</sup>		R9H13405
	1 x 35 <sup>□</sup> + 6 x 16 <sup>□</sup>		R9H13411
N+N insulated terminal blocks (set of 2, blue)	4 x 16 <sup>□</sup>		R9H13405P
	1 x 35 <sup>□</sup> + 6 x 16 <sup>□</sup>		R9H13411P
		R9H13405N	
		R9H13411N	

# Mini Pragma

## Flush mounting enclosures

### Accessories for enclosures (cont.)

Installation accessories		Cat. no.	
Type	Description		
PB104114-37 	White sealing kit	MIP99034	
PB104127-20 	Used to secure the base of the enclosure to be flush-mounted in a hollow partition.	MIP99047	
PB104104-35 	1 row of 4 modules	MIP80104	
	1 row of 6 modules	MIP80106	
	1 row of 8 modules	MIP80108	
	1 row of 12 modules	MIP80112	
	1 row of 18 modules	MIP80118	
	2 rows of 12 modules	MIP80212	
	3 rows of 12 modules	MIP80312	
PB104130-35 	1 x 16 <sup>□</sup> + 2 x 10 <sup>□</sup> + 1 x 6 <sup>□</sup>	1 row of 4 modules	MIP81104
	1 x 16 <sup>□</sup> + 2 x 10 <sup>□</sup> + 1 x 6 <sup>□</sup>	1 row of 6 modules	MIP81106
	1 x 16 <sup>□</sup> + 4 x 10 <sup>□</sup> + 3 x 6 <sup>□</sup>	1 row of 8 modules	MIP81108
	1 x 16 <sup>□</sup> + 4 x 10 <sup>□</sup> + 3 x 6 <sup>□</sup>	1 row of 12 modules	MIP81112
	2 x 16 <sup>□</sup> + 8 x 10 <sup>□</sup> + 6 x 6 <sup>□</sup>	1 row of 18 modules	MIP81118
	2 x 16 <sup>□</sup> + 8 x 10 <sup>□</sup> + 6 x 6 <sup>□</sup>	2 rows of 12 modules	MIP81212
	2 x 16 <sup>□</sup> + 9 x 10 <sup>□</sup> + 9 x 6 <sup>□</sup>	3 rows of 12 modules	MIP81312
PB104131-35 	2 x (1 x 16 <sup>□</sup> + 2 x 10 <sup>□</sup> + 1 x 6 <sup>□</sup> )	1 row of 4 modules	MIP82104
	2 x (1 x 16 <sup>□</sup> + 2 x 10 <sup>□</sup> + 1 x 6 <sup>□</sup> )	1 row of 6 modules	MIP82106
	2 x (1 x 16 <sup>□</sup> + 4 x 10 <sup>□</sup> + 3 x 6 <sup>□</sup> )	1 row of 8 modules	MIP82108
	2 x (1 x 16 <sup>□</sup> + 4 x 10 <sup>□</sup> + 3 x 6 <sup>□</sup> )	1 row of 12 modules	MIP82112
	2 x (2 x 16 <sup>□</sup> + 8 x 10 <sup>□</sup> + 6 x 6 <sup>□</sup> )	1 row of 18 modules	MIP82118
	2 x (2 x 16 <sup>□</sup> + 8 x 10 <sup>□</sup> + 6 x 6 <sup>□</sup> )	2 rows of 12 modules	MIP82212
	2 x (2 x 16 <sup>□</sup> + 9 x 10 <sup>□</sup> + 9 x 6 <sup>□</sup> )	3 rows of 12 modules	MIP82312
PB104638-45 		MIP99035	

# Mini Pragma

## Flush mounting enclosures






### Accessories for enclosures (cont.)

Finishing accessories		Cat. no.	
Type	Description	Solid white door	Smoked transparent door
PB104087-30 	1 row of 4 modules	MIP30104	MIP30104T
	1 row of 6 modules	MIP30106	MIP30106T
	1 row of 8 modules	MIP30108	MIP30108T
	1 row of 12 modules	MIP30112	MIP30112T
	1 row of 18 modules	MIP30118	MIP30118T
	2 rows of 12 modules	MIP30212	MIP30212T
	3 rows of 12 modules	MIP30312	MIP30312T
PB104088-30 	1 row of 4 modules	-	MIP40104T
	1 row of 6 modules	-	MIP40106T
	1 row of 8 modules	-	MIP40108T
	1 row of 12 modules	-	MIP40112T
	1 row of 18 modules	-	MIP40118T
	2 rows of 12 modules	-	MIP40212T
	3 rows of 12 modules	-	MIP40312T
PB104089-30 	1 row of 4 modules	-	MIP50104T
	1 row of 6 modules	-	MIP50106T
	1 row of 8 modules	-	MIP50108T
	1 row of 12 modules	-	MIP50112T
	1 row of 18 modules	-	MIP50118T
	2 rows of 12 modules	-	MIP50212T
	3 rows of 12 modules	-	MIP50312T
PB104090-30 	1 row of 4 modules	-	MIP60104T
	1 row of 6 modules	-	MIP60106T
	1 row of 8 modules	-	MIP60108T
	1 row of 12 modules	-	MIP60112T
	1 row of 18 modules	-	MIP60118T
	2 rows of 12 modules	-	MIP60212T
	3 rows of 12 modules	-	MIP60312T
PB104091-30 	1 row of 4 modules	-	MIP70104T
	1 row of 6 modules	-	MIP70106T
	1 row of 8 modules	-	MIP70108T
	1 row of 12 modules	-	MIP70112T
	1 row of 18 modules	-	MIP70118T
	2 rows of 12 modules	-	MIP70212T
	3 rows of 12 modules	-	MIP70312T

# Mini Pragma

## Flush mounting enclosures

### Accessories for enclosures (cont.)

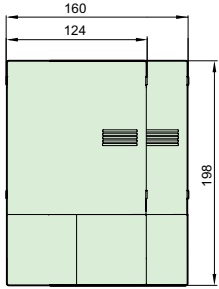
Finishing accessories (continued)		Cat. no.
<b>Type</b> 2 white removable plates 		<b>Solid white</b>
	4 modules	<b>MIP99029</b>
	6 modules	<b>MIP99030</b>
	8 modules	<b>MIP99031</b>
	12 modules	<b>MIP99032</b>
	18 modules	<b>MIP99033</b>
<b>Blanking plate</b> 	Used to cover empty slots ■ 5 dividable modules ■ Colour: white RAL 9003 ■ Supplied in packs of 10	<b>R9H13387</b>
<b>Symbol plate</b> Standard 	It contains self-adhesive pictograms used to identify the outgoers ■ Standard symbols: <input type="checkbox"/> loads: power outlet, lighting, convector, etc <input type="checkbox"/> locations: bedroom, bathroom, etc	<b>13735</b>
	Special ■ Special symbols: <input type="checkbox"/> loads: surge arrester, gate, swimming pool, etc. <input type="checkbox"/> locations: service room, computer room, etc.	<b>13736</b>
<b>Keylock</b> 	Used to protect access to the switchgear control in certain establishments, according to the regulations ■ Supplied with two metal keys ■ Fixed to the enclosure and the door after punch-out according to instructions	<b>MIP99046</b>
<b>Marker light</b> 	Is illuminated when the terminal block voltage of the light is 0 V. It has a continuous supercapacitor power supply that needs no battery, accumulator or maintenance ■ White LED ■ Autonomy: 20 mn ■ Light output: 5 lumens ■ Supply voltage: 240 V AC max ■ Recharge duration: 6 h ■ Service life: 15 years ■ Degree of protection: IP40, IK07 ■ Insulation class: 2 ■ Connection: 2.5 mm <sup>2</sup> max ■ Withstand to fire and abnormal heat to (as per IEC 60695-2-11): 750°C	<b>MIP99050</b>

# Mini Pragma

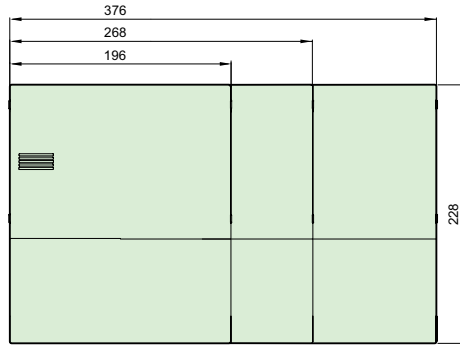
## Surface mounting enclosures

DE122738-LO

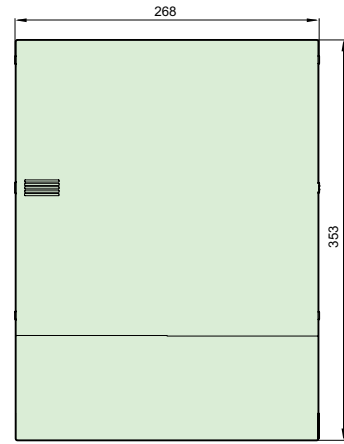
### Front view



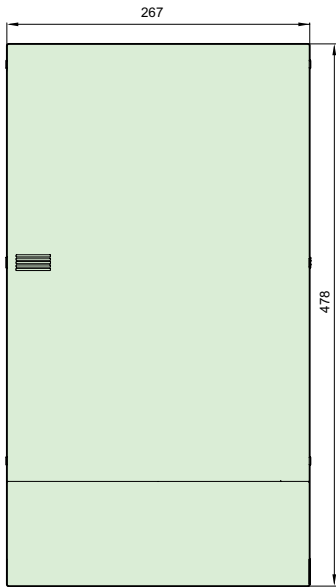
4, 6 modules



8, 12, 18 modules

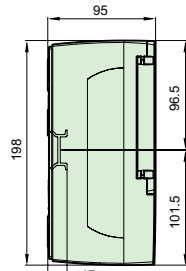


24 modules

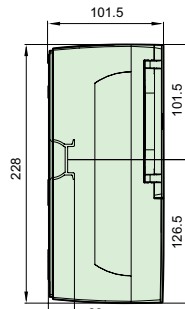


36 modules

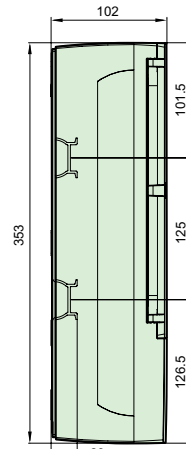
### Side view



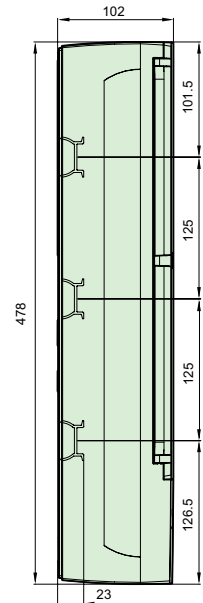
4, 6 modules



8, 12, 18 modules



24 modules



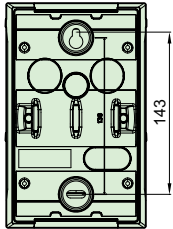
36 modules

# Mini Pragma

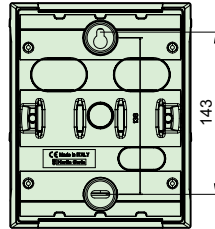
## Surface mounting enclosures (cont.)

DE122739-LO

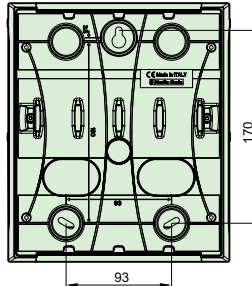
### Inside view



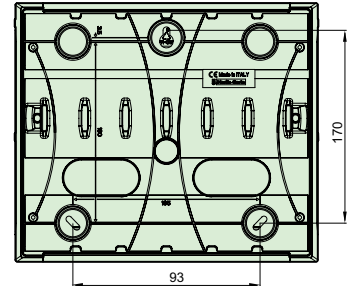
4 modules



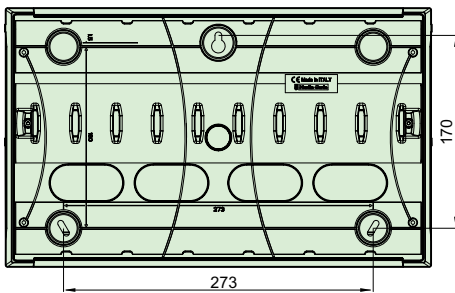
6 modules



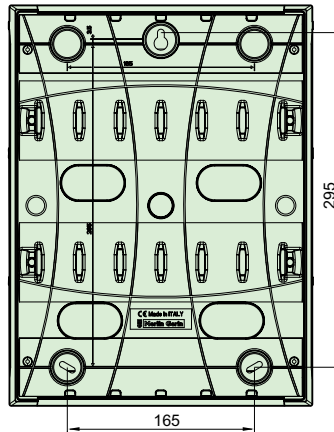
8 modules



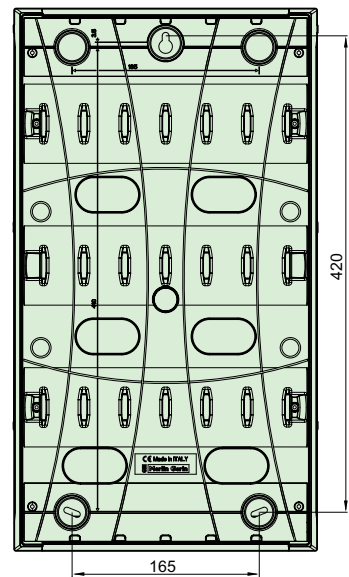
12 modules



18 modules



24 modules



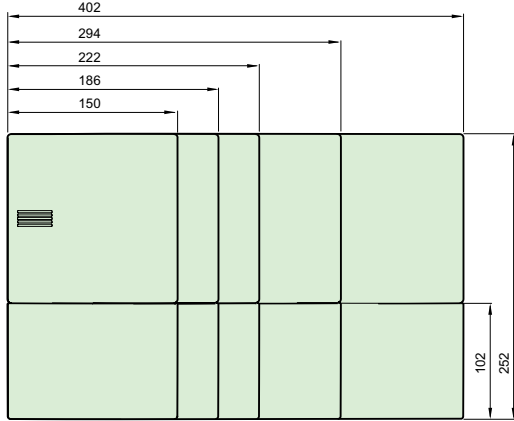
36 modules

# Mini Pragma

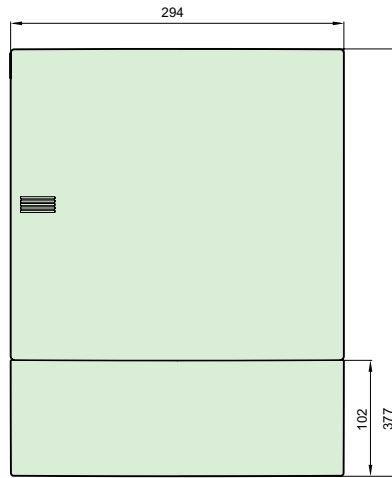
## Flush mounting enclosures

DB12285-LO

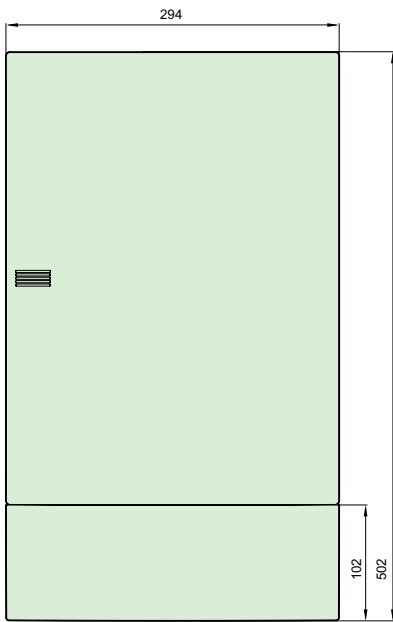
### Front view



4, 6, 8, 12, 18 modules

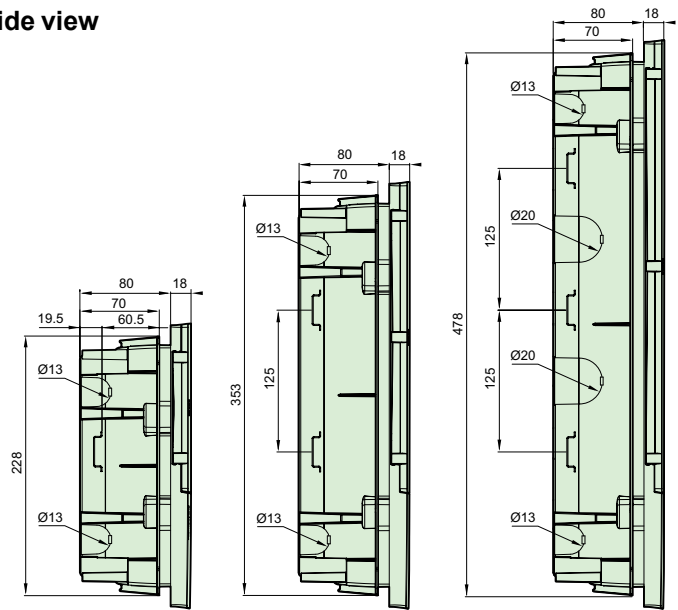


24 modules



36 modules

### Side view

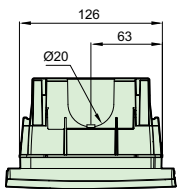


4, 6, 8, 12, 18 modules

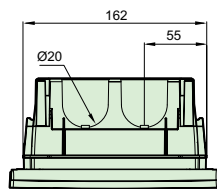
24 modules

36 modules

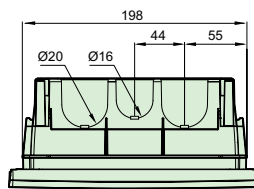
### Top view



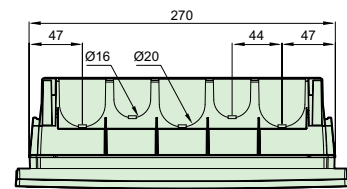
4 modules



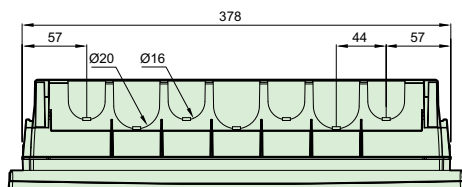
6 modules



8 modules



12, 24, 36 modules



18 modules

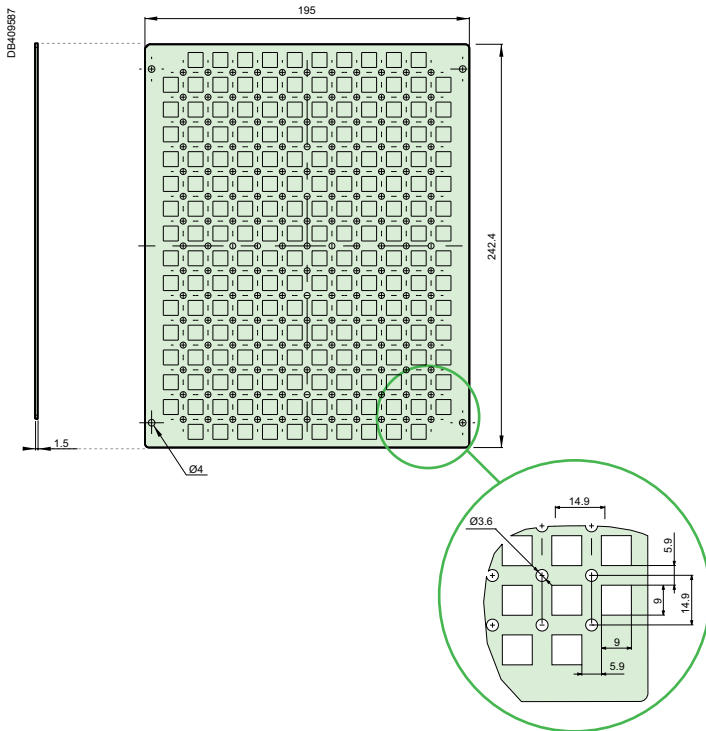
# Dimensions

## Mini Pragma

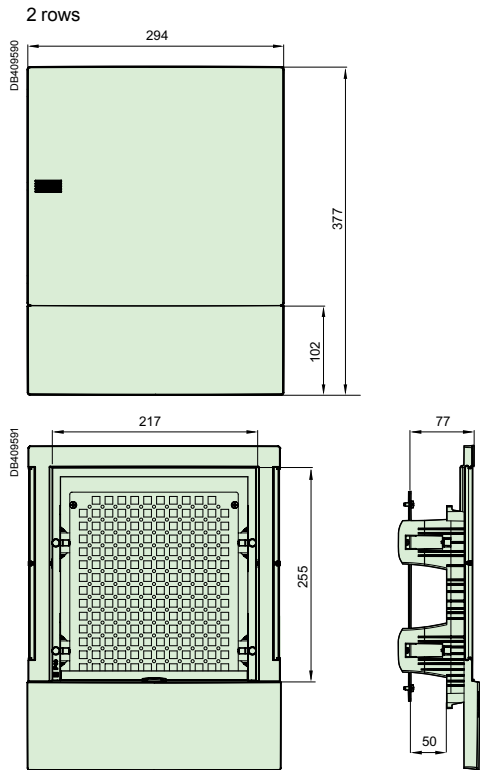
Flush mounting enclosures

Offer: Universal

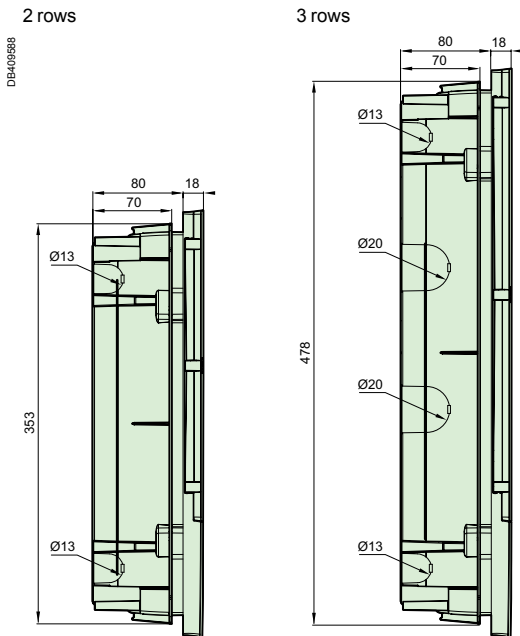
### Grid



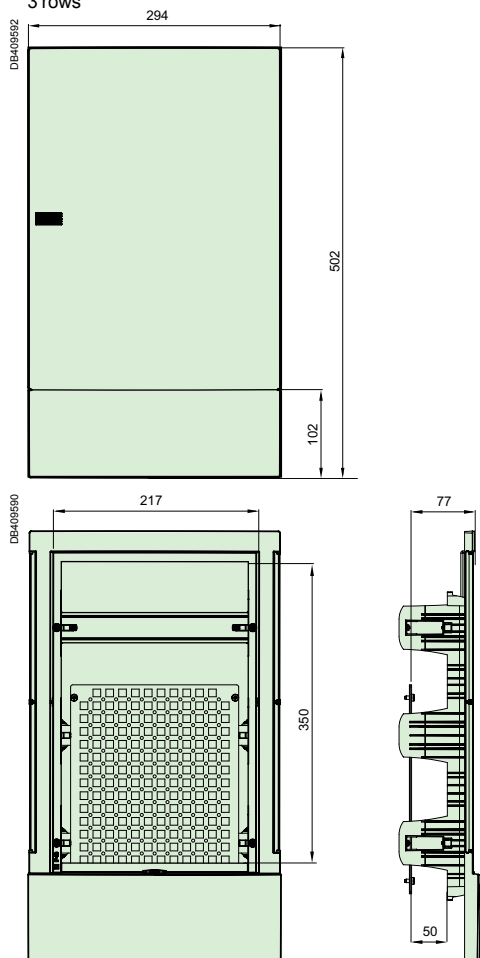
### Front view



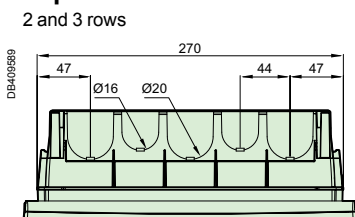
### Side view



### 3 rows

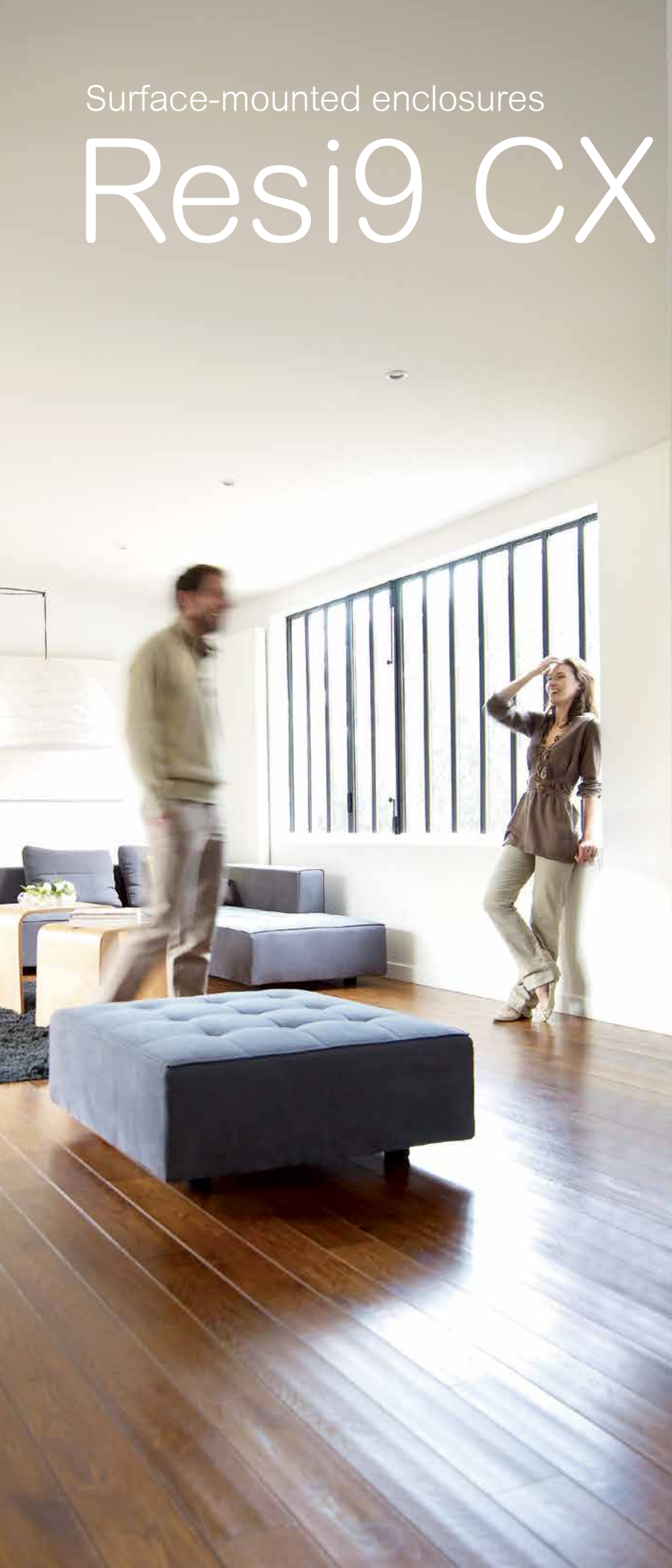


### Top view



Surface-mounted enclosures

# Resi9 CX



# Resi9 CX

## The new-generation switchboard



red**dot**

Resi9 CX is the new residential electrical switchboard which combines ease of installation with the beauty of a new design and the flexibility of a customized switchboard.

### Ease of installation of the Resi9 CX

Switchboard installation is facilitated by four new features:

- 1 A duct delivered in two parts, more practical to transport
- 2 A height-adjustable duct which adapts everywhere for enhanced installation convenience
- 3 Enclosure mounting performed without tools
- 4 Rails that can easily be clipped on and unclipped for easier cable routing.



### A specific Resi9 CX for each home

A secure and stylish home. Your customers will have a choice from several designs and will thus be able to customize their own electrical switchboard.

With their elegant materials and perfect ergonomics and finish, all Resi9 CX switchboards have been designed to be integrated into the environment of each home.

With wooden or reflecting lining, modern art or a practical magnetized surface, and transparent sets, Resi9 CX has infinite potential to adapt to all tastes and fit in harmoniously with all decorations.



# Resi9 CX

## Full of smart features



### Quick mounting screws - removable clips

The Resi9 CX system can be installed easily: mounted firmly and permanently on the wall, or on trunking, it has various smart features (height adjustment, tool-less fasteners, enclosures with removable DIN rail, etc.) to save time at installation.

### Easy cabling

Resi9 CX has DIN rails that can be clipped on and unclipped for easier cable routing.

A new generation of screwless terminal blocks can be used with Resi9 CX.

Compact, easy to choose, its installation with clips is facilitated and allows saving of space.



### Retrofit kit

Resi9 CX adapts to all your installations.

To restyle an existing Opale electrical switchboard from Schneider Electric, you need merely remove the front panel and replace it with the designer doors of the Resi9 CX system.

# Resi9 CX

## Surface mounting enclosures

**DO NOT PRINT**

### Selection table



PB115604 / 05 / 06 / 07

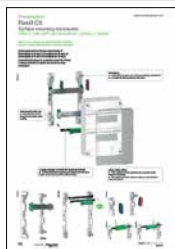
Enclosures	With earth terminal block + phase + neutral	With earth terminal block	With earth + 2 neutral terminal blocks
	A OFFER	D OFFER	E OFFER
Promotional pages	Module M9MP28EN		

DB408890EN

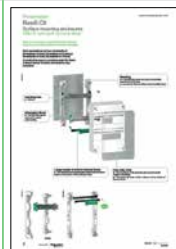


Presentation, functions and technical data	Module 99001E	Module 99005E	Module 99006E
--	---------------	---------------	---------------

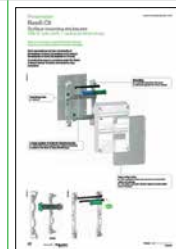
DB408892EN



DB408896EN



DB408897EN



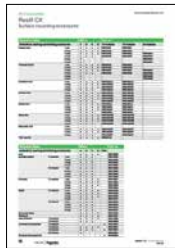
GTL	Module 99002E		
-----	---------------	--	--

DB408893EN



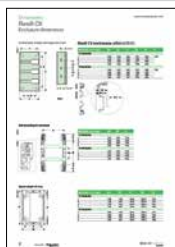
Accessories	Module 99013E		
-------------	---------------	--	--

DB428094EN



Dimensions	Module 99008E		
------------	---------------	--	--

DB408898EN



# Resi9 CX

## Surface mounting enclosures

**DO NOT PRINT**






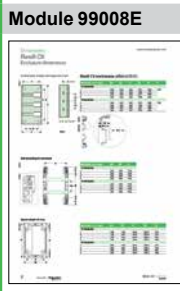
### Selection table

PB11504 / 05 / 06 / 07



R9H12651\_image23 / R9H12652\_image36



<b>Enclosures</b>	<b>Without terminal block</b>	<b>Offer IP65 (with earth terminal blocks)</b>
	<b>G OFFER</b>	
<b>Promotional pages</b>	<b>Module M9MP28EN</b>	
<b>Presentation, functions and technical data</b>	<p>DB408980EN</p> 	<p>Module 99014E</p>
<b>GTL</b>	<p>DB408980EN</p> 	<p>DB430175</p> 
<b>Accessories</b>	<p>DB408983EN</p> 	
<b>Dimensions</b>	<p>DB428094EN</p> 	
	<p>DB408980EN</p> 	

# Presentation

## Resi9 CX

### Surface mounting enclosures

#### Offer A: with earth terminal block + phase + neutral

Resi9 CX is a surface-mounted distribution enclosure that can accommodate all types of modular switchgear.

Each symmetrical rail has a hoodacity of 26 modules of 9 mm (13 modules of 18 mm) or 36 modules of 9 mm (18 modules of 18 mm).

Considerable space is available under the frame. It allows insertion of cables and hands for easy installation.

PB120027-12

**Removable DIN rail**

- The DIN rails can be removed for easier cable routing.

**Mounting**

- 4 oblong holes allow very quick horizontality adjustment.
- 4 screws for fast mounting on the duct.

**A large number of slots for terminal blocks**

- The terminal block supports are clipped onto the top or bottom of the frame in many different ways.

**Easy entry cable**

- The 4 surfaces of the hood are pre-cut out to insert cables or trunkings.
- The cables can enter via the 4 sides or via the bottom of the enclosure.

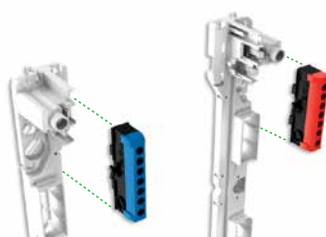
PB115521-6



PB120028-6



PB115523-7



PB120051-5



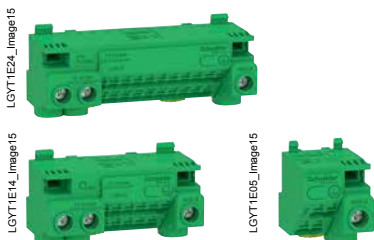
PB120052-5



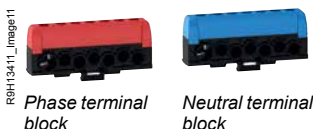
# Resi9 CX

## Surface mounting enclosures

### Offer A: with earth terminal block + phase + neutral



Earth and neutral terminal block



Phase terminal block

Neutral terminal block

## Technical data

Type	
In conformity with standards	IEC 60670-1 and 24
Enclosure colour	White RAL 9003
Degree of protection	IP without door: IP30 with door: IP40
	IK IK08
Materials	Plastic Resistance to flames and to abnormal heat 750°C as per IEC 60695-2-11
Insulation	Class 2, when the enclosure is equipped with an insulating bottom
Halogen free	No

Additional characteristics	Number of rows			
	1	2	3	4
<b>Rated current as per IEC 60670</b>				
13 modules	63	90	90	90
18 modules	63	90	90	90

## Composition

Items delivered with the enclosures	Nber of rows			
	1	2	3	4
<b>13 modules</b>				
5 x 18 mm module dividable blanking plate	1	2	4	5
Marking label and smooth label protector	1	2	3	4
Earth terminal block <sup>(2)</sup>	1		1	
			1	2
Phase terminal block		1	1	1
Neutral terminal block		1	1	1
Support for Ph + N terminal block or earth bars	1	1	1	1
<b>18 modules</b>				
5 x 18 mm module dividable blanking plate	1	2	4	5
Marking label and smooth label protector	1	2	3	4
Earth terminal block <sup>(2)</sup>	2		1	
	1		1	2
Phase terminal block		1	1	1
Neutral terminal block		1	1	1
Phase terminal block				1
Neutral terminal block				1
Support for Ph + N terminal block or earth bars	1	1	1	2

(1) Up to 6 mm<sup>2</sup> for rigid and stranded cables without ferrule limited to 32 A.

(2) Max rated connection capacity.

## Catalogue numbers


Enclosures without door						Cat. no.
Number of rows	Capacity in mod. of 9 mm		Dimensions (mm)			
	mod. of 9 mm	mod. of 18 mm	H	W	D	
<b>13 modules</b>						
1	26	13	250	252	108	R9H13401
2	52	26	375	252	108	R9H13402
3	78	39	500	252	108	R9H13403
4	104	52	625	252	108	R9H13404
<b>18 modules</b>						
1	36	18	250	357	108	R9H18401
2	72	36	375	357	108	R9H18402
3	108	54	500	357	108	R9H18403
4	144	72	625	357	108	R9H18404



# Resi9 CX

Surface mounting enclosures

Offer A: with earth terminal block + phase + neutral

## Accessories for enclosures

Monitoring and control accessories			Cat. no.
<b>Monitoring panel</b>			
Three-phase monitoring panel	13 modules		R9H13215
	Single-phase monitoring panel (Linky)	13 modules without lining (IP30)	Dimensions: 225 x 250 x 45 mm R9H13416
		18 modules with lining (IP30)	Dimensions: 357 x 250 x 108 mm R9H18416
		cables	R9H13408
			In accordance with specification: ERDF-CPT-M&Spe-13006A
<b>Control unit</b>			
Control unit	13 modules	Dimensions: 225 x 250 x 45 mm	R9H13206
	18 modules + lining	Dimensions: 357 x 250 x 108 mm	R9H18206
		In accordance with specification: ERDF-CPT-M&Spe-13006A	

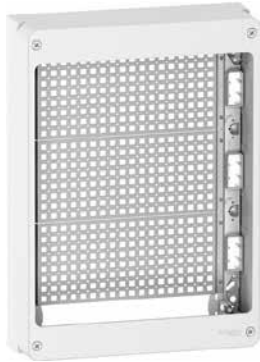
Monitoring and control accessories (continued)			Cat. no.
<b>Lining + door</b>			
	For monitoring panel or control unit	13 modules lining + opaque door	Dimensions: 221.5 x 249.5 x 100 mm
		lining + transparent door	
		lining + aluminium door	
		lining + wooden door	
		lining + bronze door	
		lining + mirror door	
		18 modules opaque door	Dimensions: 352.5 x 245.5 x 27 mm
		transparent door	
		aluminium door	
		wooden door	
		bronze door	
		mirror door	

# Resi9 CX

## Surface mounting enclosures

### Offer: Universal Enclosure

R9H18403U\_image6



### Function

This type of enclosure can be used for several type of application where devices are not dedicated for DIN rail installation.

Fix Family accessories allow to fix all type of devices and wiring cable where depending of needs.

### Technical data

Type	
In conformity with standards	IEC 60670-1
Enclosure colour	White RAL 9003
Degree of protection	IP with closed door: IP40 IK IK08
Materials	Plastic Resistance to flames and to abnormal heat 750°C as per IEC 60695-2-11
Insulation as per IEC 61439-3	Class 2, when the enclosure is equipped with an insulating bottom
Halogen free	No

### Components delivered with each enclosure





Type	Enclosure
Universal grid	■
Door <sup>(1)</sup>	■ <sup>(1)</sup>

(1) Doors can be chosen from those available for standard enclosures

(2) The door is not delivered with the enclosure

### Catalogue numbers

Enclosure		Cat. no.
Number of module per row	Number of rows	
18 modules	3	<b>R9H18403U</b>

FIX Family accessories		Cat. no.
 <p>Fix Din P140586</p>	Allow tool-less a fixing of the DIN Rail. ■ Assembly of 1 DIN rail mounted on 2 Fix Din (237 mm) + earth terminal block ■ Length: 237 mm	<b>VDIR380001</b>
 <p>Fix Box P140587</p>	Allow the tool-less fixing of the active components (Box ADSL, switch, ONT, etc.) ■ 2 Fix box compatible with component thickness from 25 to 85 mm	<b>VDIR380002</b>
 <p>Fix Screw P140588</p>	Allow the tool-less fixing of the components using screws (splitters) ■ 2 Fix screw	<b>VDIR380003</b>
 <p>Fix cable P140589</p>	Allow the cable/patchcord management inside the telecom cabinet ■ 2 Fix cable	<b>VDIR380004</b>

# Presentation

## Resi9 CX

### Surface mounting enclosures

#### Offer A: with earth terminal block

Resi9 is a surface-mounted distribution enclosure that can accommodate all types of modular switchgear.

**Each symmetrical rail has a hoodacity of 48 modules of 9 mm (24 modules of 18 mm).**

**Considerable space is available under the frame.** It allows insertion of cables and hands for easy installation.

PB120074-12

#### Mounting

- 4 oblong holes allow very quick horizontality adjustment.

#### Removable DIN rail

- The DIN rails can be removed for easier cable routing.

#### Multi fonction accessories

- Same accessories can be used to fix intermediate DIN rail or terminal bloc, arrange cables, install trunking system.

#### A large number of slots for terminal blocks

- The terminal block supports are clipped onto the top or bottom of the frame in many different ways.

#### Easy entry cable

- Removable entry plate on top and bottom of the enclosure.
- The 4 surfaces of the hood are pre-cut out to insert.
- The cables can enter via the 4 sides or via the bottom of the enclosure.



PB120041-5



PB120042-3



PB120047-4

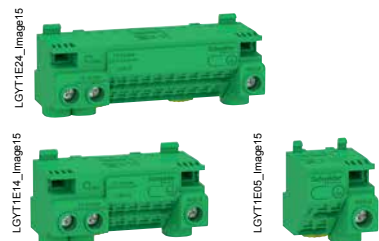


# Functions and technical data

## Resi9 CX

### Surface mounting enclosures

#### Offer A: with earth terminal block



Earth and neutral terminal block

### Technical data

#### Type

In conformity with standards	IEC 60670-1 and 24	
Enclosure colour	White RAL 9003	
Degree of protection	IP	without door: IP30 with door: IP40
	IK	without door: IK08 with door: IK09
Materials	Plastic	Resistance to flames and to abnormal heat 750°C as per IEC 60695-2-11
Insulation	Class 2	
Halogen free	No	

Additional characteristics	Number of rows			
	1	2	3	4
Rated current (A) as per IEC 60670				
24 modules	90	90	90	90

### Composition

Items delivered with the enclosures	Nber of rows			
	1	2	3	4
<b>24 modules</b>				
5 x 18 mm module dividable blanking plate	5	5	10	10
Marking label and smooth label protector	3	4	5	6
Earth terminal block <sup>(2)</sup>	1	1	1	1
Support for Ph + N terminal block or earth bars	1	1	1	1
Cable and trunking support	4	6	8	10

(1) Up to 6 mm<sup>2</sup> for rigid and stranded cables without ferrule limited to 32 A.

(2) Max rated connection capacity.

### Catalogue numbers



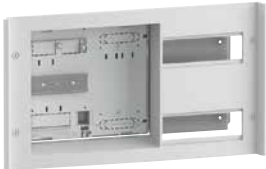
Enclosures without door						Cat. no.
Number of rows	Capacity in		Dimensions (mm)			
	mod. of 9 mm	mod. of 18 mm	H	W	D	
<b>24 modules</b>						
3	144	72	600	550	148	<b>R9H24403</b>
4	192	96	750	550	148	<b>R9H24404</b>
5	240	120	900	550	148	<b>R9H24405</b>
6	288	144	1050	550	148	<b>R9H24406</b>

# Resi9 CX


Surface mounting enclosures

Offer A: with earth terminal block

## Accessories for enclosures

Monitoring and control accessories		Cat. no.
<b>Monitoring panel</b>		<b>Description</b>
Three-phase monitoring panel	24 modules	Can be installed in place of three DIN rails H = 3 rows In accordance with specification: ERDF-CPT-M&Spe-13006A
		<b>R9H24215</b>
Single-phase monitoring panel (Linky)	24 modules	Can be installed in place of two DIN rails H = 2 rows with 2 x 7 module available space In accordance with specification: ERDF-CPT-M&Spe-13006A
		<b>R9H24416</b>
<b>Control unit</b>		<b>Description</b>
Control unit	24 modules	Can be installed in place of two DIN rails H = 2 rows with 2 x 7 module available space In accordance with specification: ERDF-CPT-M&Spe-13006A
		<b>R9H24206</b>





## Resi9 CX trunking system (GTL)


The Resi9 CX trunking system (GTL) brings together at a single point all the incomers of the installation's heavy-current and weak-current networks.

The GTL can be used in all single- and multi-family housing units.

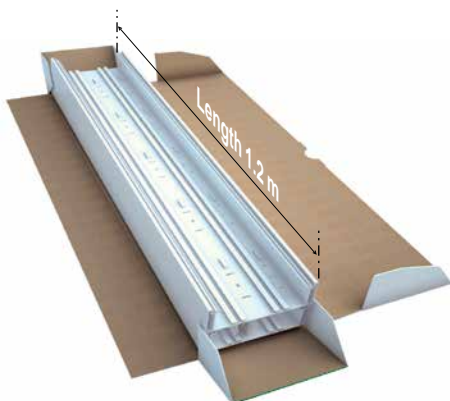
It should contain:

- The monitoring panel for meters and incomer circuit breakers;
- The heavy-current distribution board;
- The communication switchboard (TV, satellite, interactivity, etc.);
- The power, communication and branch connection trunking.

With its new design, the Schneider Electric GTL finds its place in each residential interior.



# GTL: The housing service duct\*



## Easily transportable kit

The Resi9 CX 13- and 18-module kit is easier to install because it contains all the necessary parts in the same packaging.

Compact, it is easier to transport for all types of vehicle and all types of building site!



## In separate parts

The duct is also available in separate parts, in versions from 13 to 18 modules, containing all the necessary components for complete installation.



## Height-adjustable

No longer any need to adapt it on your building sites.

Thanks to its adjustment accessories, you can easily adjust its height, with immaculate finishes at the ceiling or floor level.

\* GTL: Gaine Technique du Logement

# Resi9 CX

## GTL (housing service duct)

### Function

The Resi9 CX GTL can:

- distribute cables, branch connections, heavy currents and weak currents, from the floor or ceiling;
- form a coherent, harmonious whole with the Resi9 CX enclosure range.

### Description

Colour: RAL 9003 white.



### Characteristics

Type		
Degree of protection	as per IEC 60529 (EN 60529) as per IEC 62262 (EN 50102)	IP40 IK08
Materials		Resistance to fire and abnormal heat 750°C as per IEC 60695-2-11 (EN 60695-2-11)
Maximum permissible height between floor and ceiling	a duct main part + a duct/ceiling connection + a duct/floor connection	3000 mm

Height by configuration			
		13 modules	18 modules
Main part + 2 adjustment parts	Kit	H = 2850 mm	H = 2800 mm
	Separate	H = 3100 mm	H = 3000 mm
Main part + 1 adjustment part + 1 duct/ceiling	Kit	H = 2700 mm	-
	Separate	H = 2950 mm	-
Main part + 2 duct/ceiling	Kit	H = 2600 mm	-
	Separate	H = 2800 mm	-

# Resi9 CX

## GTL (housing service duct)

### Characteristics of the various components

All the components are joined by clipping.

- 1 Duct main part, 13 and 18 modules**
  - Monobloc back with wall mounting holes which also allow verticality adjustment.
  - Duct delivered in lengths of 2600 mm.
  - Can be provided with 2 internal partitions to obtain the ERDF compartment of width 45 mm with an internal cover and an open compartment of variable width for weak-current cables.
- 2 Duct/ceiling connection, 13 and 18 modules**
  - Can be used for fanning out of cables (up to 330 mm wide and 80 mm deep) and for meticulous finishing at the ceiling level.
- 3 Adjustment parts, 13 and 18 modules**
  - Can be used to adjust the duct height from 250 mm on either side.
  - Are also used for duct/ceiling connection by making it possible to perform fanning out of cables (up to 254/359 mm wide and 135 mm deep) and meticulous finishing at the ceiling level.
- 4 Separating partition**
  - Clips on to separate the distribution compartment (135 mm deep) of the main part of the duct into 2 or 3 parts (heavy currents and weak currents).
- 5 Set of covers, 13 or 18 modules**
  - Consisting of 1 component closing the complete duct.
  - Clips on separately to the main part of the duct.
- 6 Large cable clips, 13 or 18 modules**
  - Maintain the cables in the main part of the duct.
  - Can be cut to adapt them to the internal separations used.
- 7 Duct end-piece, 13 or 18 modules**
  - Can be used to stop up the end of the duct when it does not cover the entire height of the wall from floor to ceiling.
- 8 Universal support, 13 or 18 modules**
  - Can be used to fix other enclosures on the Resi9 CX GTL.



Type		Landmark description			Dimensions (mm)			Cat. no.
		H	W	D				
<b>Common references</b>								
GTL main part	13 modules	1	2600	252	64	R9H13525		
	18 modules	1	2600	357	64	R9H18525		
GTL cover	13 modules	5	2600	252	10	R9H13526		
	18 modules	5	2600	357	10	R9H18636		
Separating partition		4	2340			R9H13528		
Separating partition + ERDF cover		4	2340			R9H13531		
Universal enclosure supports (set of 6)	13 modules	8				R9H13537		
	18 modules	8				R9H13541		
Large cable clips (set of 5)	13 modules	6				R9H13538		
	18 modules	6				R9H18538		
Duct end-piece	13 modules	7	35	258	66	R9H13539		
	18 modules	7	35	364	66	R9H18539		
Adjustment part	13 modules	3	340	280	80	R9H13535		
	18 modules	3	340	390	80	R9H18535		
Duct/ceiling connection	13 modules	2	220	380	160	R9H13540		
	18 modules	2	220	476	160	R9H18540		
<b>Accessory</b>								
GTL/back connection	13/18 modules	-				R9H13542		

# Resi9 CX

## GTL in kit form

### Characteristics of the various components

All the components are joined by clipping.

#### 1 Duct kit, 13 and 18 modules, containing:

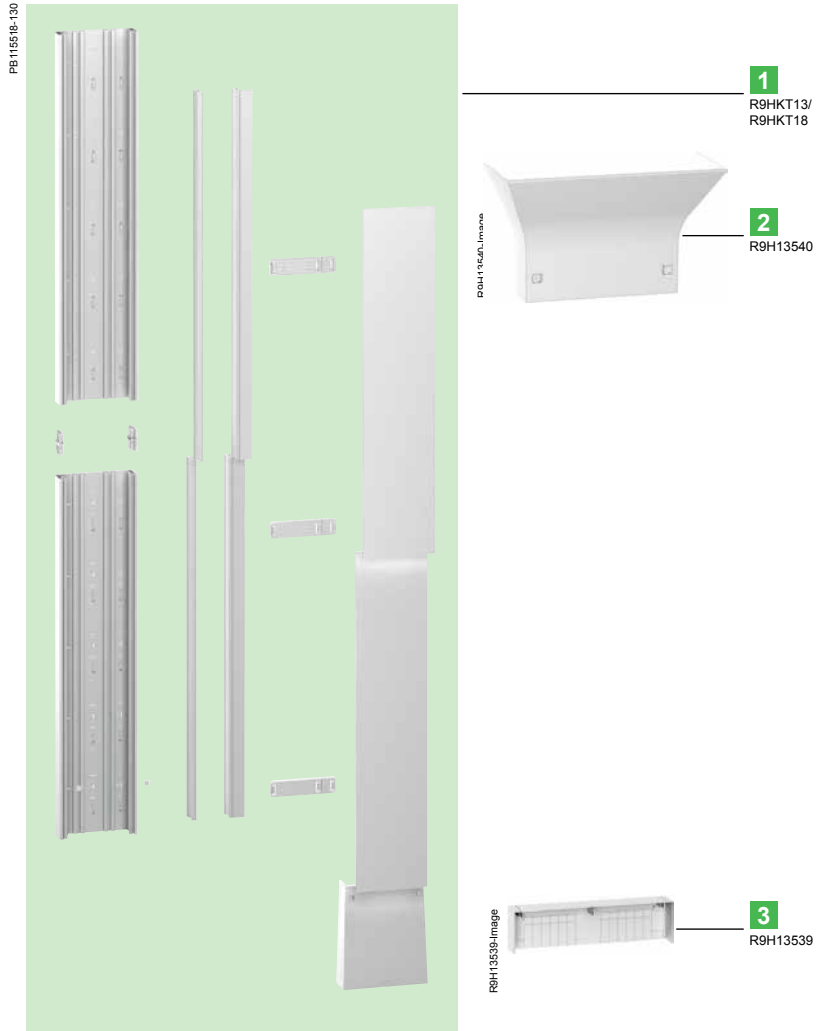
- Monobloc back with wall mounting holes which also allow verticality adjustment.
  - Delivered cut into two 1170 mm pieces with connection kit (10 mm).
  - Can be provided with 2 internal partitions to obtain the ERDF compartment of width 45 mm with an internal cover and an open compartment of variable width for weak-current cables.
- Adjustment part which can be used to adjust the duct height from 250 mm on either side.
  - Is also used for duct/ceiling connection by making it possible to perform fanning out of cables (up to 280/390 mm wide and 80 mm deep) and meticulous finishing at the ceiling level.
- Separating partition, formed of 2 parts of equal length 1170 mm, which can be clipped on to separate the distribution compartment (135 mm deep) of the main part of the duct into 2 or 3 parts (heavy currents and weak currents).
- Set of covers consisting of 2 components, of length 1170 mm, closing the complete duct. Clips on separately to the main part of the duct.
- Large cable clips which maintain the cables in the main part of the duct. Can be cut to adapt them to the internal separations used.

#### 2 Duct/ceiling connection, 13 modules

Can be used for fanning out of cables (up to 380 mm wide and 160 mm deep) and for meticulous finishing at the ceiling level.

#### 3 Duct end-piece

Can be used to stop up the end of the duct when it does not cover the entire height of the wall from floor to ceiling.



Type		Landmark description	Dimensions (mm)			Cat. no.
			H	W	D	
<b>Common references</b>						
GTL kit	13 modules	1	2350	252	64	<b>R9HKT13</b>
	18 modules	1	2350	357	64	<b>R9HKT18</b>
<b>Accessories</b>						
Duct/ceiling connection	13 modules	2	225	380	160	<b>R9H13540</b>
	18 modules	2	220	476	160	<b>R9H18540</b>
Duct end-piece	13 modules	3	35	258	66	<b>R9H13539</b>
	18 modules	3	35	364	66	<b>R9H18539</b>



# Presentation

## Resi9 CX

### Surface mounting enclosures

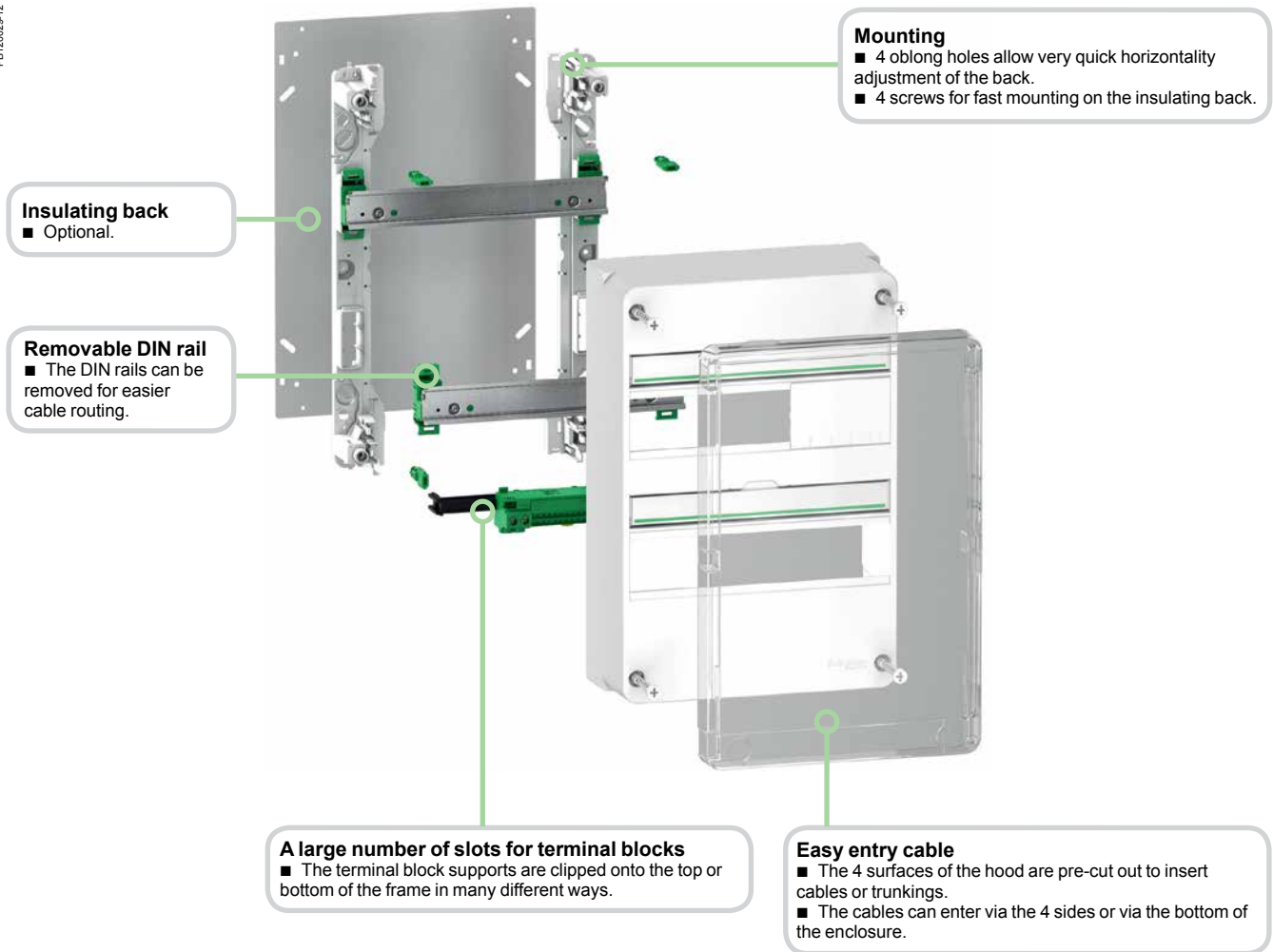
#### Offer D: with earth terminal block

Resi9 CX is a surface-mounted distribution enclosure that can accommodate all types of modular switchgear.

**Each symmetrical rail has a hoodacity of 26 modules of 9 mm (13 modules of 18 mm) or 36 modules of 9 mm (18 modules of 18 mm).**

**Considerable space is available under the frame.** It allows insertion of cables and hands for easy installation.

PB120028-12



PB115521-6



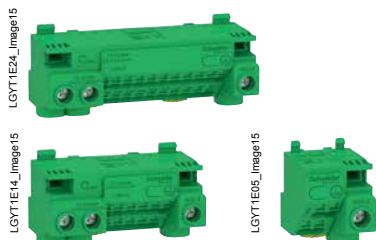
PB120028-6



# Resi9 CX

Surface mounting enclosures

Offer D: with earth terminal block



Earth and neutral terminal block

## Technical data

Type		
In conformity with standards	IEC 60670-1 and 24	
Enclosure colour	White RAL 9003	
Degree of protection	IP	without door: IP30 with door: IP40
	IK	IK08
Materials	Plastic	Resistance to flames and to abnormal heat 650°C as per IEC 60695-2-11
Insulation	Class 2, when the enclosure is equipped with an insulating bottom	
Halogen free	Yes	

Additional characteristics				
Power dissipated (W) as per IEC 60670	Number of rows			
	1	2	3	4
13 modules	27	35	55	61
18 modules	35	48	70	90

## Composition

Items delivered with the enclosures		Nber of rows			
		1	2	3	4
<b>13 modules</b>					
5 x 18 mm module dividable blanking plate		1	2	4	5
Marking label and smooth label protector		1	2	3	4
Earth terminal block <sup>(2)</sup>	14 holes (3 x 6/25 <sup>o</sup> screw + 11 x 1.5/4 <sup>o(1)</sup> with plug-in)	1	1		
	24 holes (3 x 6/25 <sup>o</sup> screw + 21 x 1.5/4 <sup>o(1)</sup> with plug-in)			1	1
Support for Ph + N terminal block or earth bars		1	1	1	1
<b>18 modules</b>					
5 x 18 mm module dividable blanking plate		1	2	4	5
Marking label and smooth label protector		1	2	3	4
Earth terminal block <sup>(2)</sup>	14 holes (3 x 6/25 <sup>o</sup> screw + 11 x 1.5/4 <sup>o(1)</sup> with plug-in)		2	1	
	24 holes (3 x 6/25 <sup>o</sup> screw + 21 x 1.5/4 <sup>o(1)</sup> with plug-in)	1		1	2
Support for Ph + N terminal block or earth bars		1	1	1	1

(1) Up to 6 mm<sup>2</sup> for rigid and stranded cables without ferrule limited to 32 A.  
(2) Max rated connection capacity.

## Catalogue numbers

Enclosures without door						Cat. no.
Number of rows	Capacity in		Dimensions (mm)			
	mod. of 9 mm	mod. de 18 mm	H	W	D	
<b>13 modules</b>						
1	26	13	250	252	108	<b>R9H13601</b>
2	52	26	375	252	108	<b>R9H13602</b>
3	78	39	500	252	108	<b>R9H13603</b>
4	104	52	625	252	108	<b>R9H13604</b>
<b>18 modules</b>						
1	36	18	250	357	108	<b>R9H18601</b>
2	72	36	375	357	108	<b>R9H18602</b>
3	108	54	500	357	108	<b>R9H18603</b>
4	144	72	625	357	108	<b>R9H18604</b>

# Resi9 CX

## Surface mounting enclosures

Offer: Universal Enclosure

R9H18403U\_image5



### Function

This type of enclosure can be used for several type of application where devices are not dedicated for DIN rail installation.

Fix Family accessories allow to fix all type of devices and wiring cable where depending of needs.

### Technical data

Type	
In conformity with standards	IEC 60670-1
Enclosure colour	White RAL 9003
Degree of protection	IP with closed door: IP40 IK IK08
Materials	Plastic Resistance to flames and to abnormal heat 750°C as per IEC 60695-2-11
Insulation as per IEC 61439-3	Class 2, when the enclosure is equipped with an insulating bottom
Halogen free	No

### Components delivered with each enclosure





Type	Enclosure
Universal grid	■
Door <sup>(1)</sup>	■ <sup>(1)</sup>

(1) Doors can be chosen from those available for standard enclosures

(2) The door is not delivered with the enclosure

### Catalogue numbers

Enclosure		Cat. no.
Number of module per row	Number of rows	
18 modules	3	<b>R9H18403U</b>

FIX Family accessories		Cat. no.
 <p>Fix Din P140586</p>	Allow tool-less a fixing of the DIN Rail. ■ Assembly of 1 DIN rail mounted on 2 Fix Din (237 mm) + earth terminal block ■ Length: 237 mm	<b>VDIR380001</b>
 <p>Fix Box P140587</p>	Allow the tool-less fixing of the active components (Box ADSL, switch, ONT, etc.) ■ 2 Fix box compatible with component thickness from 25 to 85 mm	<b>VDIR380002</b>
 <p>Fix Screw P140588</p>	Allow the tool-less fixing of the components using screws (splitters) ■ 2 Fix screw	<b>VDIR380003</b>
 <p>Fix cable P140589</p>	Allow the cable/patchcord management inside the telecom cabinet ■ 2 Fix cable	<b>VDIR380004</b>



# Presentation

## Resi9 CX

### Surface mounting enclosures

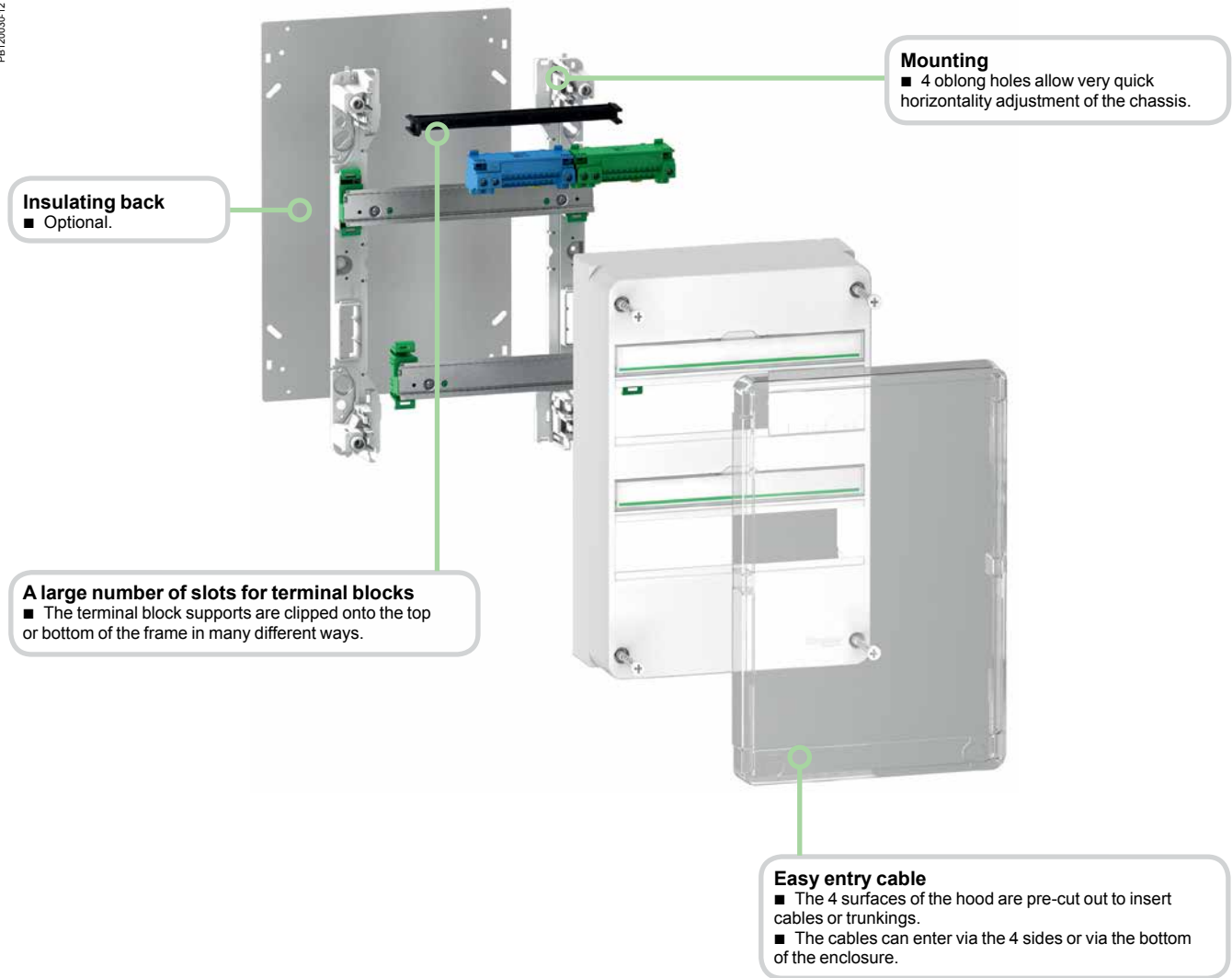
#### Offer E: with earth + neutral terminal blocks

Resi9 CX is a surface-mounted distribution enclosure that can accommodate all types of modular switchgear.

**Each symmetrical rail has a hoodacity of 26 modules of 9 mm (13 modules of 18 mm) or 36 modules of 9 mm (18 modules of 18 mm).**

**Considerable space is available under the frame.** It allows insertion of cables and hands for easy installation.

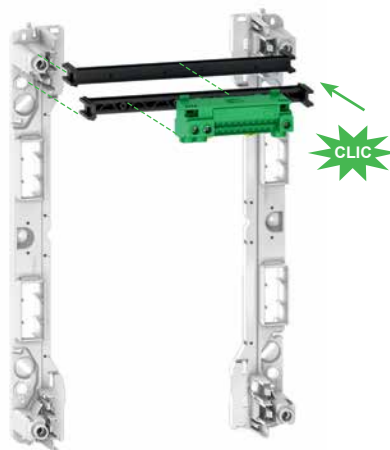
PB120034-12



PB115521-6



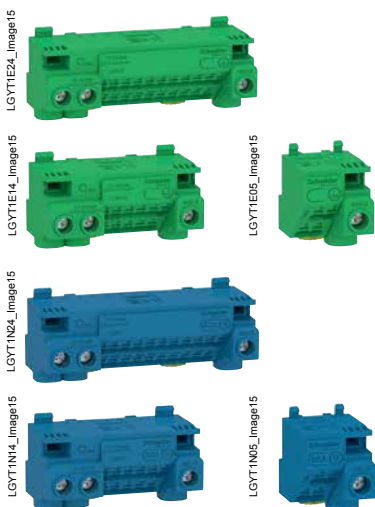
PB120028-6



# Resi9 CX

## Surface mounting enclosures

### Offer E: with earth + neutral terminal blocks



Earth and neutral terminal block

### Technical data

Type		
In conformity with standards	IEC 60670-1 and 24	
Enclosure colour	White RAL 9003	
Degree of protection	IP	without door: IP30 with door: IP40
	IK	IK08
Materials	Plastic	Resistance to flames and to abnormal heat 650°C as per IEC 60695-2-11
Insulation	Class 2, when the enclosure is equipped with an insulating bottom	
Halogen free	Yes	

Additional characteristics				
Power dissipated (W) as per IEC 60670	Number of rows			
	1	2	3	4
13 modules	27	35	55	61
18 modules	35	48	70	90

### Composition

Items delivered with the enclosures		Nber of rows			
		1	2	3	4
<b>13 modules</b>					
5 x 18 mm module dividable blanking plate		1	2	4	5
Marking label and smooth label protector		1	2	3	4
Earth terminal block <sup>(2)</sup>	14 holes (3 x 6/25 <sup>□</sup> screw + 11 x 1.5/4 <sup>□(1)</sup> with plug-in)	1			
	24 holes (3 x 6/25 <sup>□</sup> screw + 21 x 1.5/4 <sup>□(1)</sup> with plug-in)		1	1	1
Neutral terminal block <sup>(2)</sup>	4 holes (16 <sup>□</sup> screw) 63 A			1	1
	14 holes (3 x 6/25 <sup>□</sup> screw + 11 x 1.5/4 <sup>□(1)</sup> with plug-in) 63 A	1			2
	24 holes (3 x 6/25 <sup>□</sup> screw + 21 x 1.5/4 <sup>□(1)</sup> with plug-in) 63 A		1	1	
Terminal block support		1	1	1	1
<b>18 modules</b>					
5 x 18 mm module dividable blanking plate		1	2	4	5
Marking label and smooth label protector		1	2	3	4
Earth terminal block <sup>(2)</sup>	14 holes (3 x 6/25 <sup>□</sup> screw + 11 x 1.5/4 <sup>□(1)</sup> with plug-in)	1			
	24 holes (3 x 6/25 <sup>□</sup> screw + 21 x 1.5/4 <sup>□(1)</sup> with plug-in)		1	1	1
Neutral terminal block <sup>(2)</sup>	4 holes (16 <sup>□</sup> screw) 63 A			1	1
	14 holes (3 x 6/25 <sup>□</sup> screw + 11 x 1.5/4 <sup>□(1)</sup> with plug-in) 63 A	1		2	2
	24 holes (3 x 6/25 <sup>□</sup> screw + 21 x 1.5/4 <sup>□(1)</sup> with plug-in) 63 A		1		
Terminal block support		1	1	1	1

(1) Up to 6 mm<sup>2</sup> for rigid and stranded cables without ferrule limited to 32 A.

(2) Max rated connection capacity.

### Catalogue numbers

Enclosures without door						Cat. no.
Number of rows	Capacity in		Dimensions (mm)			
	mod. of 9 mm	mod. de 18 mm	H	W	D	
<b>13 modules</b>						
1	26	13	250	252	108	R9H13481
2	52	26	375	252	108	R9H13482
3	78	39	500	252	108	R9H13483
4	104	52	625	252	108	R9H13484
<b>18 modules</b>						
1	36	18	250	357	108	R9H18481
2	72	36	375	357	108	R9H18482
3	108	54	500	357	108	R9H18483
4	144	72	625	357	108	R9H18484

# Resi9 CX

## Surface mounting enclosures

Offer: Universal Enclosure

R9H18403U\_image5



### Function

This type of enclosure can be used for several type of application where devices are not dedicated for DIN rail installation.

Fix Family accessories allow to fix all type of devices and wiring cable where depending of needs.

### Technical data

Type	
In conformity with standards	IEC 60670-1
Enclosure colour	White RAL 9003
Degree of protection	IP with closed door: IP40 IK IK08
Materials	Plastic Resistance to flames and to abnormal heat 750°C as per IEC 60695-2-11
Insulation as per IEC 61439-3	Class 2, when the enclosure is equipped with an insulating bottom
Halogen free	No

### Components delivered with each enclosure





Type	Enclosure
Universal grid	■
Door <sup>(1)</sup>	■ <sup>(1)</sup>

(1) Doors can be chosen from those available for standard enclosures

(2) The door is not delivered with the enclosure

### Catalogue numbers

Enclosure		Cat. no.
Number of module per row	Number of rows	
18 modules	3	<b>R9H18403U</b>

FIX Family accessories		Cat. no.
 <p>P140586 Fix Din</p>	Allow tool-less a fixing of the DIN Rail. ■ Assembly of 1 DIN rail mounted on 2 Fix Din (237 mm) + earth terminal block ■ Length: 237 mm	<b>VDIR380001</b>
 <p>P140587 Fix Box</p>	Allow the tool-less fixing of the active components (Box ADSL, switch, ONT, etc.) ■ 2 Fix box compatible with component thickness from 25 to 85 mm	<b>VDIR380002</b>
 <p>P140588 Fix Screw</p>	Allow the tool-less fixing of the components using screws (splitters) ■ 2 Fix screw	<b>VDIR380003</b>
 <p>P140589 Fix cable</p>	Allow the cable/patchcord management inside the telecom cabinet ■ 2 Fix cable	<b>VDIR380004</b>



# Presentation

## Resi9 CX

### Surface mounting enclosures

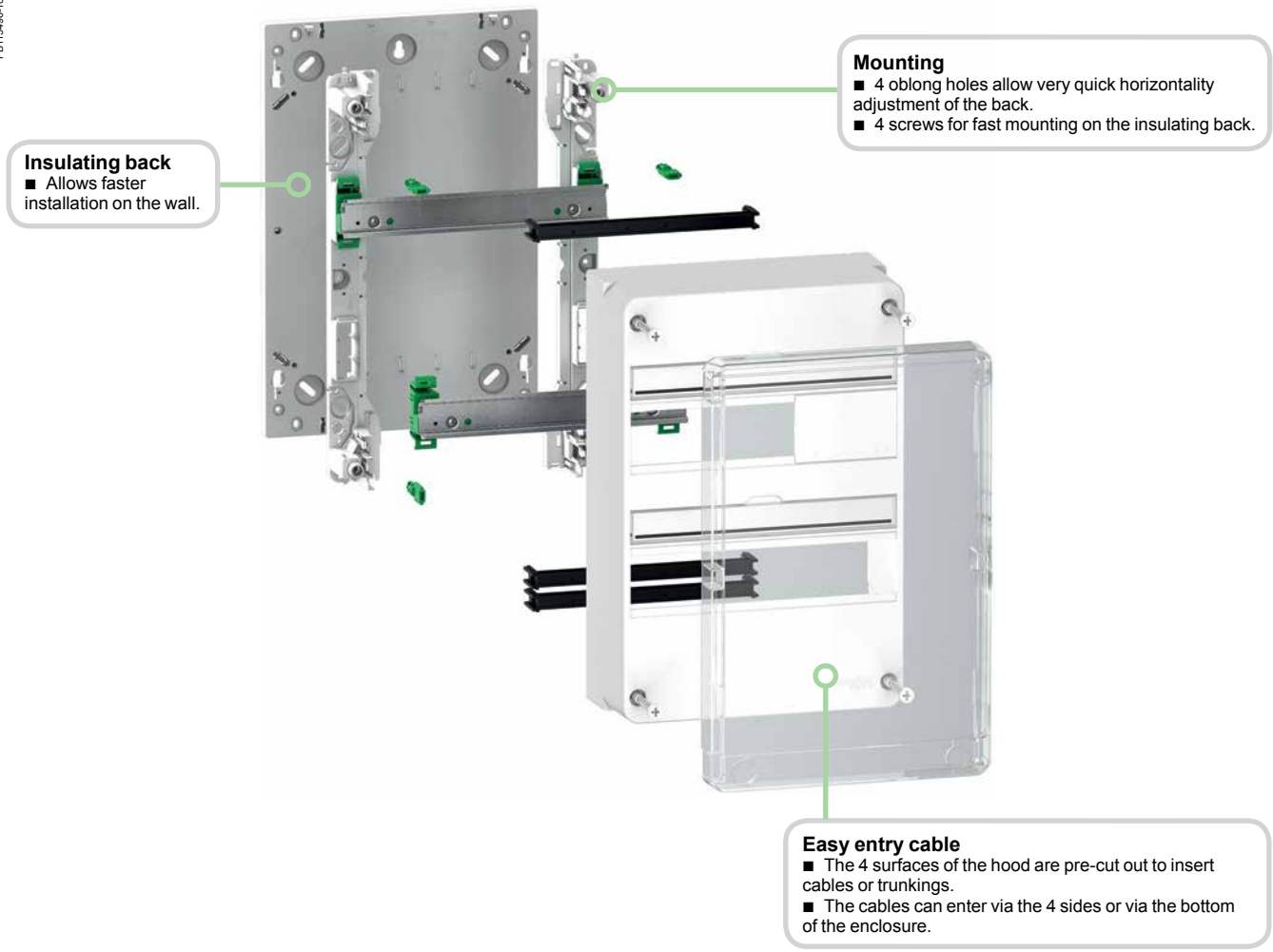
#### Offer G: without terminal block

Resi9 CX is a surface-mounted distribution enclosure that can accommodate all types of modular switchgear.

**Each symmetrical rail has a hoodacity of 26 modules of 9 mm (13 modules of 18 mm)**

**Considerable space is available under the frame.** It allows insertion of cables and hands for easy installation.

PB115496-10



PB115521-6



# Resi9 CX

Surface mounting enclosures

Offer G: without terminal block



## Technical data

Type	
In conformity with standards	IEC 60670-1 and 24
Enclosure colour	White RAL 9003
Degree of protection	IP without door: IP30 with door: IP40
	IK IK08
Materials	Plastic Resistance to flames and to abnormal heat 650°C as per IEC 60695-2-11
Insulation	Class 2, when the enclosure is equipped with an insulating bottom
Halogen free	Yes

Additional characteristics			
Power dissipated (W) as per IEC 60670	Number of rows		
	1	2	3
13 modules	27	35	55

## Composition

Items delivered with the enclosures	Number of rows		
	1	2	3
<b>13 modules</b>			
5 x 18 mm module dividable blanking plate	1	2	4
Marking label and smooth label protector	1	2	3
Support for Ph + N terminal block or earth bars	3	3	3
Insulating bottom Class 2	1	1	1

## Catalogue numbers

Enclosures without door						Cat. no.
Number of rows	Capacity in		Dimensions (mm)			
	mod. of 9 mm	mod. de 18 mm	H	W	D	
<b>13 modules</b>						
1	26	13	250	252	120	R9H13301
2	52	26	375	252	120	R9H13302
3	78	39	500	252	120	R9H13303

# Presentation

## Resi9 CX

### Surface mounting enclosures Offer IP65 (with earth terminal blocks)

Resi9 CX IP65 is a surface-mounted waterproof distribution enclosure that can accommodate all types of modular switchgears tailored on Resi9 DIN series.

**Available in 4 sizes allowing variable rail capacity to mount:**

- 24 modules of 9 mm or 12 modules of 18 mm in the 1 x 12 Mod version
- 48 modules of 9 mm or 24 modules of 18 mm in the 2 x 12 Mod version
- 36 modules of 9 mm or 18 modules of 18 mm in the 1 x 18 Mod version
- 72 modules of 9 mm or 36 modules of 18 mm in the 2 x 18 Mod version

PB120075-9

**Terminal blocks screwless to speed installation**

- Terminal block support can be dismantled without tools
- Terminal block supports are clipped onto the bar or on the chassis

**Removable DIN rail**

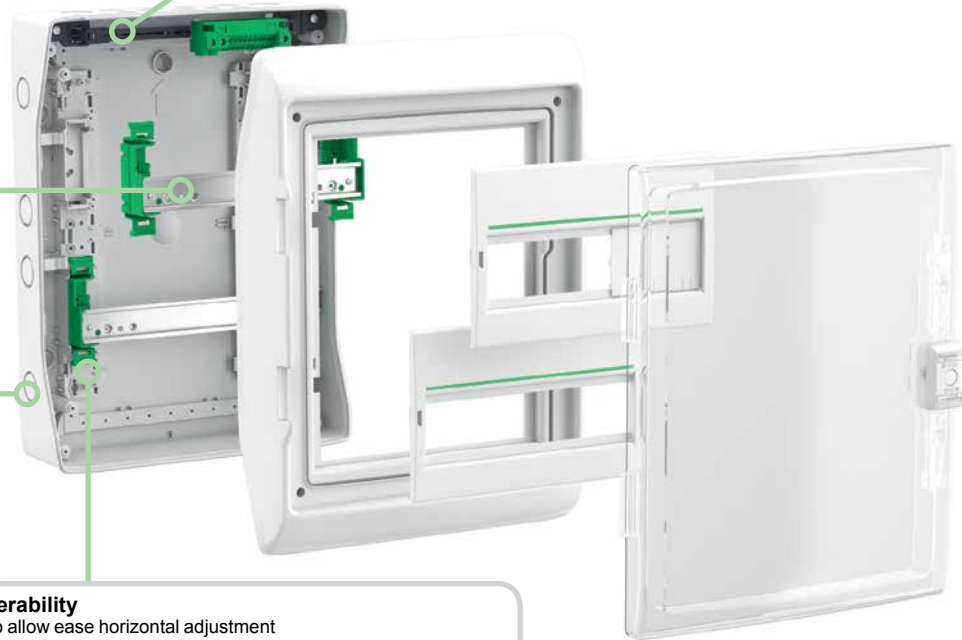
- The DIN rails can be removed for easier cable routing
- Din rail allowing to install all Resi9 series (XE DIN)

**Flexible installation and association**

- Lateral M32 for horizontal association

**Easy Installation and operability**

- 4 oblong holes on bottom to allow ease horizontal adjustment
- Knock out entries (PG&M) on top and bottom of the enclosure
- **Considerable space is available under the frame.** It allows insertion of cables and hands for easy installation.



PB120130-7



# Resi9 CX

## Surface mounting enclosures

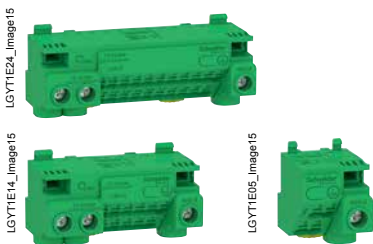
Offer IP65 (with earth terminal blocks)



12-module enclosures



18-module enclosures



Earth and neutral terminal block

### Technical data

Type		
In conformity with standards	IEC 60670-1 and 24	
Enclosure colour	White RAL 9003	
Degree of protection	IP	IP65
	IK	IK09
Materials	Plastic	Resistance to flames and to abnormal heat 750°C as per IEC 60695-2-11
Insulation	Class 2	
Halogen free	No	

Additional characteristics	Number of rows	
	1	2
<b>Rated current as per IEC 60670 (A)</b>		
12 modules	60	60
18 modules	85	85

### Composition

Items delivered with the enclosures	Nber of rows	
	1	2
<b>12 modules</b>		
5 x 18 mm module dividable blanking plate	1	2
Marking label and smooth label protector	1	2
Earth terminal block <sup>(2)</sup>	14 holes (3 x 6/25 <sup>o</sup> with screw + 11 x 1.5/4 <sup>o(1)</sup> with plug-in)	1
	24 holes (3 x 6/25 <sup>o</sup> with screw + 21 x 1.5/4 <sup>o(1)</sup> with plug-in)	1
Support for earth bar	1	1
Cable latch support	1	2
Hinges for front face support		1
<b>18 modules</b>		
5 x 18 mm module dividable blanking plate	1	2
Marking label and smooth label protector	1	2
Earth terminal block <sup>(2)</sup>	14 holes (3 x 25 <sup>o</sup> with screw + 11 x 4 <sup>o(1)</sup> with plug-in)	1
	24 holes (3 x 25 <sup>o</sup> with screw + 21 x 4 <sup>o(1)</sup> with plug-in)	1
Support for earth bar	1	1
Cable latch support	1	2
Hinges for front face support		1

(1) Up to 6 mm<sup>2</sup> for rigid and stranded cables without ferrule limited to 32 A.

(2) Max rated connection capacity.

**Nota:**

Earth terminal block included

Enclosures delivered with class II cover caps (4 pcs).

### Catalogue numbers

Enclosures without door						Cat. no.
Number of rows	Capacity in		Dimensions (mm)			
	mod. of 9 mm	mod. of 18 mm	H	W	D	
<b>12 modules</b>						
1	24	12	280	340	160	<b>R9H12651</b>
2	48	24	460	340	160	<b>R9H12652</b>
<b>18 modules</b>						
1	36	18	280	448	160	<b>R9H18651</b>
2	72	36	460	448	160	<b>R9H18652</b>

# Resi9 CX

## Surface mounting enclosures

Selection table			Offers				Cat. no		
Installation, marking and finishing accessories			A	D	E	G	13 modules	18 modules	24 modules
Opaque door	1 row		•	•	•	•	R9H13421	R9H18421	-
	2 rows		•	•	•	•	R9H13422	R9H18422	-
	3 rows		•	•	•	•	R9H13423	R9H18423	R9H24321
	4 rows		•	•	•		R9H13424	R9H18424	R9H24421
	5 rows		•				-	-	R9H24521
	6 rows		•				-	-	R9H24621
Transparent door	1 row		•	•	•	•	R9H13425	R9H18425	-
	2 rows		•	•	•	•	R9H13426	R9H18426	-
	3 rows		•	•	•	•	R9H13427	R9H18427	R9H24427
	4 rows		•	•	•		R9H13428	R9H18428	R9H24428
	5 rows		•				-	-	R9H24429
	6 rows		•				-	-	R9H24430
Aluminium door	1 row		•	•	•	•	R9H13421A	R9H18421A	-
	2 rows		•	•	•	•	R9H13422A	R9H18422A	-
	3 rows		•	•	•	•	R9H13423A	R9H18423A	-
	4 rows		•	•	•		R9H13424A	R9H18424A	-
Wooden door	1 row		•	•	•	•	R9H13421B	R9H18421B	-
	2 rows		•	•	•	•	R9H13422B	R9H18422B	-
	3 rows		•	•	•	•	R9H13423B	R9H18423B	-
	4 rows		•	•	•		R9H13424B	R9H18424B	-
Bronze door	1 row		•	•	•	•	R9H13421L	R9H18421L	-
	2 rows		•	•	•	•	R9H13422L	R9H18422L	-
	3 rows		•	•	•	•	R9H13423L	R9H18423L	-
	4 rows		•	•	•		R9H13424L	R9H18424L	-
Mirror door	1 row		•	•	•	•	R9H13421M	R9H18421M	-
	2 rows		•	•	•	•	R9H13422M	R9H18422M	-
	3 rows		•	•	•	•	R9H13423M	R9H18423M	-
	4 rows		•	•	•		R9H13424M	R9H18424M	-
Style pratic door	1 row		-	-	-	-	-	-	-
	2 rows		•	•	•	•	R9H13422P	R9H18422P	-
	3 rows		•	•	•	•	R9H13423P	R9H18423P	-
	4 rows		•	•	•		R9H13424P	R9H18424P	-
"You" door kit			•	•	•	•	R9H91318	-	-

Selection table			Offers					Cat. no	
Installation, marking and finishing accessories			A	D	E	G	IP65		
Lock			•	•	•	•		R9H13388	
Insulating bottom	13 modules	1 row	•	•	•			R9H13382	
		2 rows	•	•	•			R9H13383	
		3 rows	•	•	•			R9H13384	
		4 rows	•	•	•			R9H13385	
	18 modules	1 row	•	•	•			R9H18382	
		2 rows	•	•	•			R9H18383	
		3 rows	•	•	•			R9H18384	
		4 rows	•	•	•			R9H18385	
Plus back	13 modules	1 row	•	•	•	•		R9H13991	
		2 rows	•	•	•	•		R9H13992	
		3 rows	•	•	•	•		R9H13993	
		4 rows	•	•	•			R9H13994	
Raiser	13 modules	1 row	•	•	•	•		R9H10750	
		2 rows	•	•	•	•		R9H10759	
		3 rows	•	•	•	•		R9H10760	
		4 rows	•	•	•			R9H10761	
	18 modules	1 row	•	•	•			R9H18750	
		2 rows	•	•	•			R9H18759	
		3 rows	•	•	•			R9H18760	
		4 rows	•	•	•			R9H18761	
Document holder			•	•	•	•		R9H13420	
Sealing kit			•	•	•	•		R9H13391	
Label protector	13 modules		•	•	•	•		R9H13399	
	18 modules		•	•	•			R9H18399	
Universal mounting plate	12 modules						•	R9H13001	
	13 modules		•	•	•	•		R9H13001	
	18 modules		•	•	•		•	R9H18001	
	24 modules		•					R9H24001	
Terminal block support kit							•	PRA90051	

## Resi9 CX









## Surface mounting enclosures

Selection table		Offers					Cat. no	
Installation, connection and finishing accessories		A	D	E	G	IP65		
Support for phase/neutral terminal block or for earth terminal block	13 modules	•	•	•	•		R9H13389	
	18 modules	•	•	•			R9H18389	
Ph+N insulated terminal blocks (set of 2: 1 Ph + 1 N)	4 holes	•	•	•		•	R9H13405	
	7 holes	•	•	•		•	R9H13411	
Ph+Ph insulated terminal blocks (set of 2, black and grey)	4 holes 63 A	•	•	•		•	R9H13405P	
	7 holes 125 A	•	•	•		•	R9H13411P	
N+N insulated terminal blocks (set of 2, blue)	4 holes 63 A	•	•	•		•	R9H13405N	
	7 holes 125 A	•	•	•		•	R9H13411N	
Earth terminal block <sup>(2)</sup>	5 holes	•	•	•		•	LGYT1E05	
	14 holes	•	•	•		•	LGYT1E14	
	24 holes	•	•	•		•	LGYT1E24	
Neutral terminal block <sup>(2)</sup>	5 holes	•	•	•		•	LGYT1N05	
	14 holes	•	•	•		•	LGYT1N14	
	24 holes	•	•	•		•	LGYT1N24	
3Ph+N Terminal block kit	24 modules	•					R9H24315	
Support kit for terminal blocks (batch of 1)		•					LGYT601R	
Blanking plates dividable (set of 10)		•	•	•	•	•	R9H13387	
Labels sheet		•	•	•	•	•	R9H13230	
Symbols plate		•	•			•	R9H13228	
Ph+N insulated terminal blocks	4 holes						R9H10888	
Retrofit/extension accessories		A	D	E	G			
Retrofit/extension kit	13 modules	1 to 2 rows	•	•	•	•		R9H13402R
		2 to 3 rows	•	•	•	•		R9H13403R
		3 to 4 rows	•	•	•	•		R9H13404R
Control block		•					R9H13200R	
Repair kit	enclosure	•	•	•	•		R9H99001	
	door	•	•	•	•		R9H99002	

# Resi9 CX

## Surface mounting enclosures








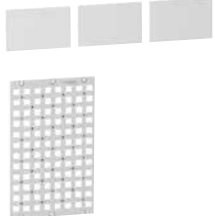
### Accessories for enclosures

Installation, marking and finishing accessories			Cat. no.		
Type		Description	13 modules	18 modules	24 modules
 R9H13422_image	1 row	It is mounted from the front of the enclosure without removing the hood.	R9H13421	R9H18421	-
	2 rows		R9H13422	R9H18422	-
	3 rows		R9H13423	R9H18423	R9H24321
	4 rows		R9H13424	R9H18424	R9H24421
	5 rows		-	-	R9H24521
	6 rows		-	-	R9H24621
 R9H13423_image	1 row	It is mounted from the front of the enclosure without removing the hood.	R9H13425	R9H18425	-
	2 rows		R9H13426	R9H18426	-
	3 rows		R9H13427	R9H18427	R9H24427
	4 rows		R9H13428	R9H18428	R9H24428
	5 rows		-	-	R9H24429
	6 rows		-	-	R9H24430
 R9H13422A_image	1 row	It is mounted from the front of the enclosure without removing the hood.	R9H13421A	R9H18421A	-
	2 rows		R9H13422A	R9H18422A	-
	3 rows		R9H13423A	R9H18423A	-
	4 rows		R9H13424A	R9H18424A	-
 R9H13422B_image	1 row	It is mounted from the front of the enclosure without removing the hood.	R9H13421B	R9H18421B	-
	2 rows		R9H13422B	R9H18422B	-
	3 rows		R9H13423B	R9H18423B	-
	4 rows		R9H13424B	R9H18424B	-
 R9H13422L_image	1 row	It is mounted from the front of the enclosure without removing the hood.	R9H13421L	R9H18421L	-
	2 rows		R9H13422L	R9H18422L	-
	3 rows		R9H13423L	R9H18423L	-
	4 rows		R9H13424L	R9H18424L	-
 R9H13422M_image	1 row	It is mounted from the front of the enclosure without removing the hood.	R9H13421M	R9H18421M	-
	2 rows		R9H13422M	R9H18422M	-
	3 rows		R9H13423M	R9H18423M	-
	4 rows		R9H13424M	R9H18424M	-
 R9H13422P_image	2 rows	It is mounted from the front of the enclosure without removing the hood.	R9H13422P	R9H18422P	-
	3 rows		R9H13423P	R9H18423P	-
	4 rows		R9H13424P	R9H18424P	-
 R9H13422Y_image	1 row	It is mounted from the front of the enclosure without removing the hood. This kit contains accessories to allow you to customize a transparent door with your own image.	R9H91318	R9H91318	-
	2 rows				
	3 rows				
	4 rows				

# Resi9 CX

## Surface mounting enclosures

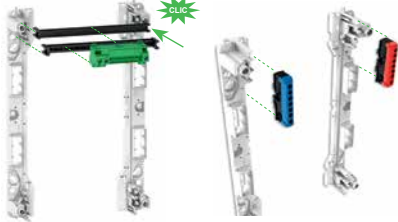


### Accessories for enclosures

Installation, marking and finishing accessories			Cat. no.		
Type		Description	13 modules	18 modules	24 modules
		It is mounted on the door to limit access to the switchgear.	R9H13388		
	1 row	It protects the cables and switchgear when the enclosure is secured to an aggressive or damp surface. Allows class 2 installation when used.	R9H13382	R9H18382	-
	2 rows		R9H13383	R9H18383	-
	3 rows		R9H13384	R9H18384	-
	4 rows		R9H13385	R9H18385	-
	1 row	Allows wall mounting and receives the chassis, once the tubes and cable ducts have been installed. The chassis is screwed onto the "Plus" back, without tools.	R9H13991	R9H18991	-
	2 rows		R9H13992	R9H18992	-
	3 rows		R9H13993	R9H18993	-
	4 rows		R9H13994	R9H18994	-
	1 row, thickness 35 mm	It is used to increase the volume available for cable insertion under the enclosure.	R9H10750	R9H18750	-
	2 rows, thickness 35 mm		R9H10759	R9H18759	-
	3 rows, thickness 35 mm		R9H10760	R9H18760	-
	4 rows, thickness 35 mm		R9H10761	R9H18761	-
		It is used to store the wiring diagram or documentation for the installation.	R9H13420		
		It guarantees that no unauthorised people can work in the enclosure. Set of 2 kits.	R9H13391		
		Is fitted directly on the cover to protect the strip of cardboard labels.	R9H13399	R9H18399	-
		Makes it possible to install other equipment on a universal grid (by removing the DIN rail).	R9H13001	R9H18001	R9H24001

# Resi9 CX

## Surface mounting enclosures

### Accessories for enclosures (cont.)

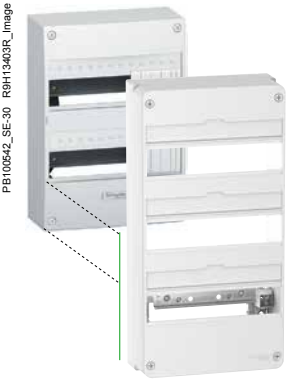
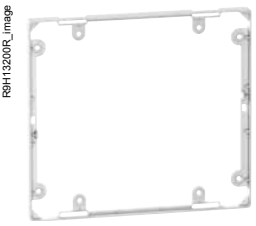

Installation, connection and finishing accessories			Cat. no.
Type		Description	
Support for phase/neutral terminal block or for earth terminal block	13 modules	Can be clipped on at the top or bottom of the Resi9 CX, enclosure, with two positions in height and two positions in depth (by turning it to clip it on the other way round).	R9H13389
	18 modules		R9H18389
			
Earth terminal block <sup>(2)</sup>	5 holes	1 x 6/25 <sup>□</sup> screw + 4 x 1.5/4 <sup>□(1)</sup> with plug/in (63 A) + 1 jumper	LGYT1E05
	14 holes	3 x 6/25 <sup>□</sup> screw + 11 x 1.5/4 <sup>□(1)</sup> with plug/in (63 A) + 1 jumper	LGYT1E14
	24 holes	3 x 6/25 <sup>□</sup> screw + 21 x 1.5/4 <sup>□(1)</sup> with plug/in (63 A) + 1 jumper	LGYT1E24
Neutral terminal block <sup>(2)</sup>	5 holes	1 x 6/25 <sup>□</sup> screw + 4 x 1.5/4 <sup>□(1)</sup> with plug/in (63 A) + 1 jumper	LGYT1N05
	14 holes	3 x 6/25 <sup>□</sup> screw + 11 x 1.5/4 <sup>□(1)</sup> with plug/in (63 A) + 1 jumper	LGYT1N14
	24 holes	3 x 6/25 <sup>□</sup> screw + 21 x 1.5/4 <sup>□(1)</sup> with plug/in (63 A) + 1 jumper	LGYT1N24
Jumper for P/N compact terminals		Element needed to connect 2 terminal block (batch of 10)	LGYT4A01
Ph+N insulated terminal blocks (set of 2: 1 Ph + 1 N)	4 holes 63 A	4 x 16 <sup>□</sup>	R9H13405
	7 holes 125 A	1 x 35 <sup>□</sup> + 6 x 16 <sup>□</sup>	R9H13411
Ph+Ph insulated terminal blocks (set of 2, black and grey)	4 holes 63 A	4 x 16 <sup>□</sup>	R9H13405P
	7 holes 125 A	1 x 35 <sup>□</sup> + 6 x 16 <sup>□</sup>	R9H13411P
N+N insulated terminal blocks (set of 2, blue)	4 holes 63 A	4 x 16 <sup>□</sup>	R9H13405N
	7 holes 125 A	1 x 35 <sup>□</sup> + 6 x 16 <sup>□</sup>	R9H13411N
3Ph+N insulated terminal (1 blue+ 3 black)	4 holes 63 A blocks	(4 x 16 <sup>□</sup> ) x 4	R9H10888
3Ph+N terminal blocks kit (2 blue+black, grey and red)	24 modules	(1 x 35 <sup>□</sup> + 6 x 16 <sup>□</sup> ) x 5	R9H24315
	4 x (7 holes 125 A)		
			
Support kit for terminal blocks	(batch of 1)	Allows installation of 4 screw 7 holes terminal block or 2 compact terminals on DIN rail	LGYT601R
			
Blanking plates	dividable (set of 10)		R9H13387
Labels sheet			R9H13230
Symbols plate			R9H13228
Tube for installation on wall			R9H10859
Incoming cable	tube		R9H10884
	smooth		R9H10885
	connectors		R9H10886
			

\* This reference includes the connection to associate it with other similar Terminal Block and relative cover.  
 (1) Up to 6 mm<sup>2</sup> for rigid and stranded cables without ferrule limited to 32 A.  
 (2) Rated connection capacity.

# Resi9 CX

## Surface mounting enclosures

### Accessories for enclosures (cont.)

Retrofit/extension accessories		Cat. no.	
Type	Description		
 <p>13 modules</p>	<p>Retrofit/extension kit</p> <p>The retrofit kit makes it possible to:</p> <ul style="list-style-type: none"> <li>■ Add 1 row (and increase the size) on an existing enclosure without dismantling the chassis. This row will have 9 modules available instead of 13;</li> <li>■ Change the front panel on an enclosure of the same size (number of rows and modules).</li> </ul> <p>Compatible with all Resi9 CX and Opale enclosures.</p> <p>It contains:</p> <ul style="list-style-type: none"> <li>■ 1 additional row kit + accessories for adaptation to existing chassis</li> <li>■ 1 front panel, 2, 3 or 4 rows</li> <li>■ Label protectors and blanking plates in the same quantity (standard trade reference);</li> <li>■ If an Opale trunking system is installed, the retrofit kit must be fixed with a universal support (Ref. 13537, to order)</li> </ul>		
	1 to 2 rows	Dimensions: 375 x 252 x 108 mm	<b>R9H13402R</b>
	2 to 3 rows	Dimensions: 500 x 252 x 108 mm	<b>R9H13403R</b>
	3 to 4 rows	Dimensions: 625 x 252 x 108 mm	<b>R9H13404R</b>
	<p>Control block</p> <p>Allow to install a new cover and door Resi9 CX on an old Opale control block.</p> <p>Dimensions: 250 x 223 x 12 mm</p>	<b>R9H13200R</b>	
	enclosure	Fast mounting screws (x4) + front panel screws (x4)	<b>R9H99001</b>
	door	2 hinges + magnets	<b>R9H99002</b>

# Resi9 CX

## Surface mounting enclosures

Offer IP65 (with earth terminal blocks)

### Electrical accessories: compact terminal blocks

- Rated insulation voltage  $U_i$ : 400 V.
- Impulse withstand voltage  $U_{imp}$ : 4 kV.
- Behaviour with the current of short-circuit: the breaking capacity reinforced in filiations of the distributors and Minibloc connector blocks, was checked until 30 kA rms in the cases of associations apparatus upstream - distributor - apparatus downstream for ranges of apparatuses Schneider Electric.
- Complies with IEC standard 60947-7-1.
- IP degree protection: IP20 in accordance to IEC 60998.

The connections of the terminal blocks (either spring or screw connections), specially developed by Schneider Electric, allow connection of flexible or rigid wires with and without terminals.

Terminal block components		Cat. no.	
PB101451-02		These components can be used to implement and install a terminal block:	
		<ul style="list-style-type: none"> <li>■ on the chassis near the conductor entry</li> <li>■ on a DIN rail mounted on the enclosure chassis</li> <li>■ in the Prisma Plus switchboards on the functional uprights</li> </ul>	
PB120092-4		<b>Compact associable screwless terminal blocks <sup>(1)</sup></b>	
		1 x 6/25 <sup>□</sup> (screw) + 4 x 1.5/4 <sup>□(2)</sup> (push/in) terminal block (63A) + jumper	Earth: <b>LGYT1E05</b> Neutral: <b>LGYT1N05</b>
		3 x 6/25 <sup>□</sup> (screw) + 11 x 1.5/4 <sup>□(2)</sup> (push/in) terminal block (63A) + jumper	Earth: <b>LGYT1E14</b> Neutral: <b>LGYT1N14</b>
		3 x 6/25 <sup>□</sup> (screw) + 21 x 1.5/4 <sup>□(2)</sup> (push/in) terminal block (63A) + jumper	Earth: <b>LGYT1E24</b> Neutral: <b>LGYT1N24</b>
		<b>Terminal block junction</b>	
		Compact associable terminal block junction kit Batch of 10	Earth: - Neutral: <b>LGYT4A01</b>
		<b>Screw insulated terminal block</b>	
		4 x 16 <sup>□</sup> screw terminal block P/N (63A)	Earth: - Neutral: <b>R9H13405</b>
		4 x 16 <sup>□</sup> screw terminal block P/P (63A)	Earth: - Neutral: <b>R9H13405P</b>
		4 x 16 <sup>□</sup> screw terminal block N/N (63A)	Earth: - Neutral: <b>R9H13405N</b>
		1 x 35 <sup>□</sup> + 6 x 16 <sup>□</sup> screw terminal block P/N (125A)	Earth: - Neutral: <b>R9H13411</b>
		<b>Terminal block support</b>	
		Terminal block support kit	Earth: - Neutral: <b>PRA90051</b>
LGYT1E05_image15		LGYT1E05	
LGYT1E14_image15		LGYT1E14	
LGYT1E24_image15		LGYT1E24	
LGYT1N05		LGYT1N05	
LGYT1N14		LGYT1N14	
LGYT1N24		LGYT1N24	
LGYT4A01_image15		LGYT4A01	
R9H13411_image11		R9H13411	

(1) Rated connection capacity.

(2) Up to 6 mm<sup>2</sup> for rigid and stranded cables without ferrule limited to 32 A.

### Accessories for enclosures

Installation, marking and finishing accessories		Cat. no.	
Type	Description	12 modules	18 modules
RBH13001_image2		<b>R9H13001</b>	<b>R9H18001</b>
Universal mounting plate	Makes it possible to install other equipment on a universal grid (by removing the DIN rail).		

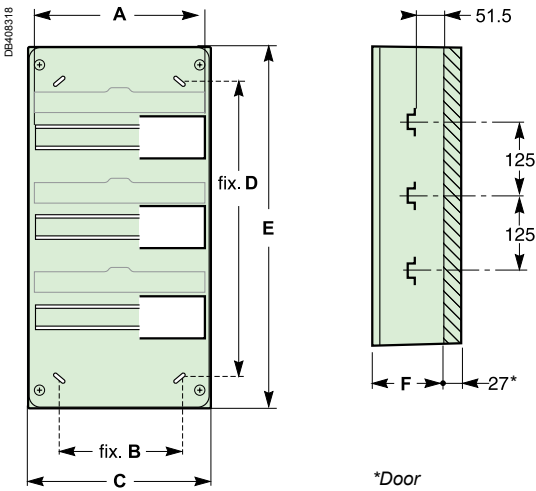


# Resi9 CX

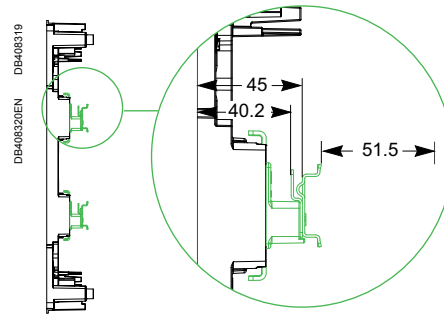
## Enclosure dimensions

All dimensions in tables and images are in mm

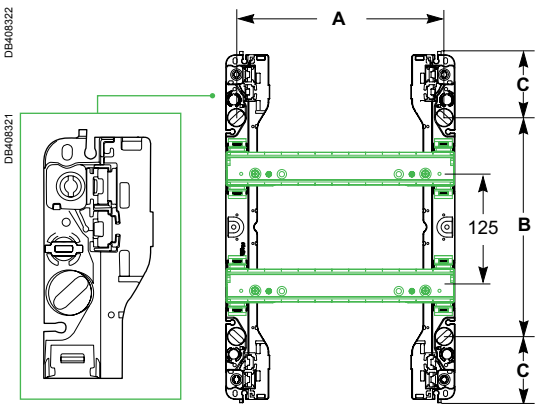
### Resi9 CX enclosures (offers A/D/E)



Number of rows	A	B	C	D	E	F
<b>13 modules</b>						
1	235	222	252	201	250	108
2	235	222	252	326	375	
3	235	222	252	451	500	
4	235	222	252	576	625	
<b>18 modules</b>						
1	325	327	357	201	250	108
2	325	327	357	326	375	
3	325	327	357	451	500	
4	325	327	357	576	625	

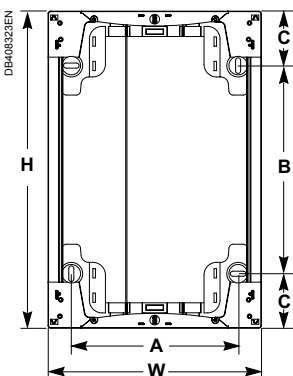


### Wall mounting for enclosure



Number of rows	A	B	C
<b>13 modules</b>			
1	222	109	70.8
2	222	234	70.8
3	222	359	70.8
4	222	484	70.8
<b>18 modules</b>			
1	327	109	70.8
2	327	234	70.8
3	327	359	70.8
4	327	484	70.8

### Spacer (depth 35 mm)



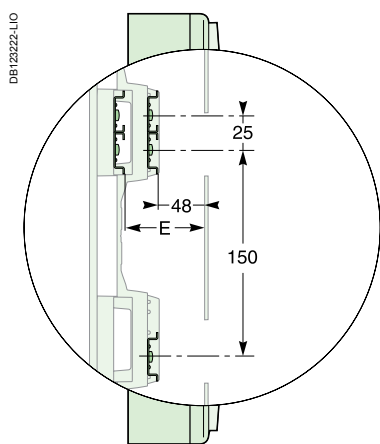
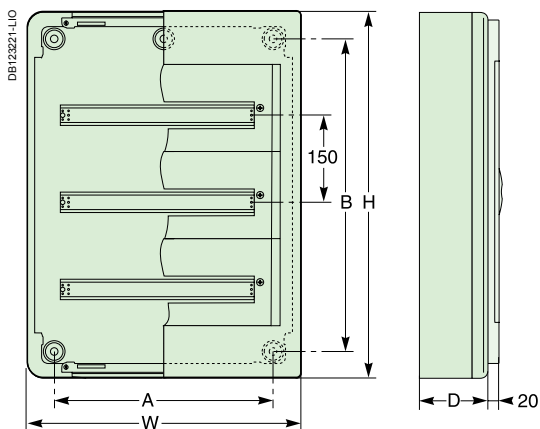
Number of rows	A	B	C	W	H
<b>13 modules</b>					
1	198	122	64.6	253.2	271
2	198	247	64.6	253.2	376
3	198	372	64.6	253.2	481
4	198	497	64.6	253.2	586
<b>18 modules</b>					
1	303	122	64.6	358.2	271
2	303	247	64.6	358.2	376
3	303	372	64.6	358.2	481
4	303	497	64.6	358.2	586

# Dimensions

## Resi9 CX

### Enclosure dimensions

All dimensions in tables and images are in mm

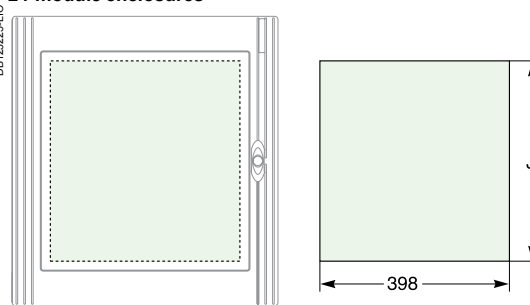


The different positions of the DIN rail in height and depth.

### Resi9 CX enclosures (offer A - 24 modules)

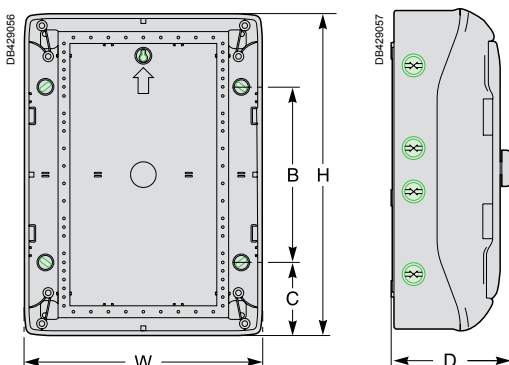
Number of rows	H	W	D	A	B	E	J
<b>24 modules</b>							
3 R	600	550	148 (136)	340	450	78	421
4 R	750				600		571
5 R	900				750		721
6 R	1050				900		871

### 24-module enclosures



Panel thickness: 0.5 mm max.

### 12-18 modules



### Resi9 CX enclosures IP65

Number of rows	H	W	D	B	C
<b>12 modules</b>					
1	280	340	160	118	81
2	460	340	160	251	104.5
<b>18 modules</b>					
1	280	448	160	118	81
2	460	448	160	251	104.5

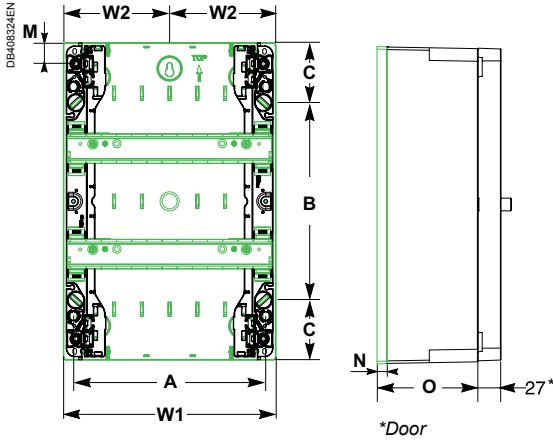
# Dimensions

## Resi9 CX

### Enclosure dimensions

All dimensions in tables and images are in mm

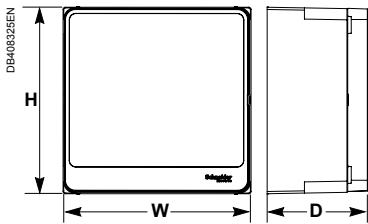
#### Enclosure with insulating back



#### Resi9 CX enclosures (offers B/C/G)

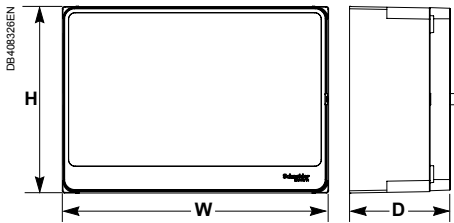
Number of rows	W1	W2	B	C	A	M	N	O
<b>13 modules</b>								
1	235	126	109	70.8	228	26.5	12	120
2	235	126	234	70.8	228	26.5		
3	235	126	359	70.8	228	26.5		
4	235	126	484	70.8	228	26.5		
<b>18 modules</b>								
1	325	178.5	109	70.8	333	147	12	120
2	325	178.5	234	70.8	333	272		
3	325	178.5	359	70.8	333	397		
4	325	178.5	484	70.8	333	484		

#### Cover for monitoring panel control unit (offer A only)



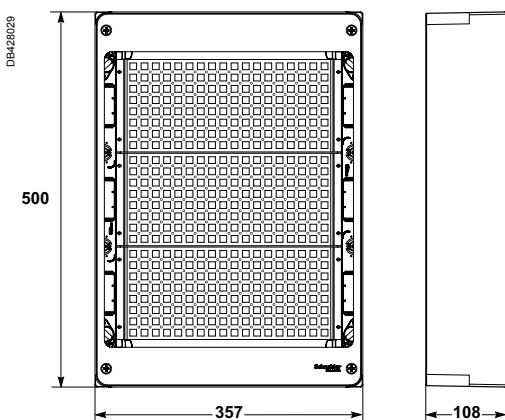
13 modules

Number of rows	H	W	D
<b>13 modules</b>			
1	225	250	135
<b>18 modules</b>			
1	250	357	135

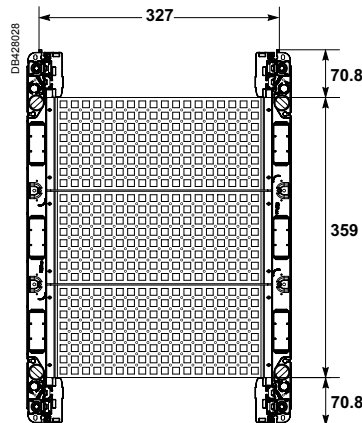


18 modules

#### Resi9 CX enclosures (Universal enclosure)



18 modules



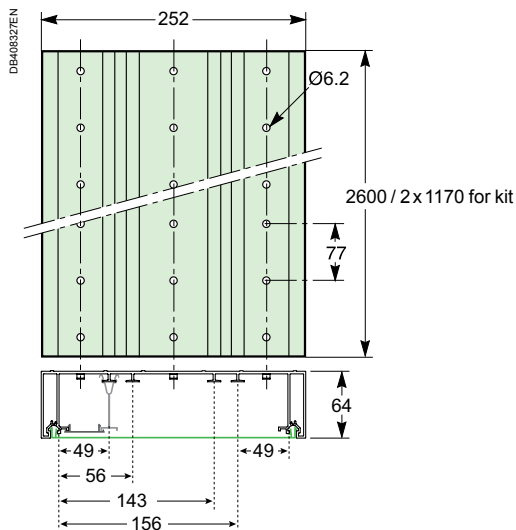
# Dimensions

## Resi9 CX

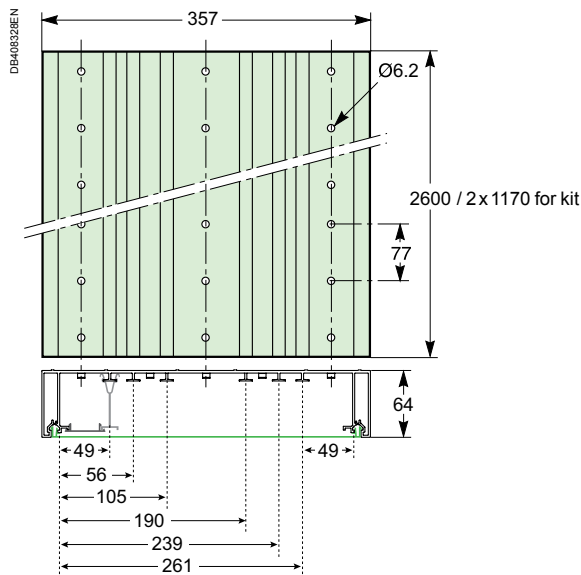
### Enclosure dimensions

All dimensions in tables and images are in mm

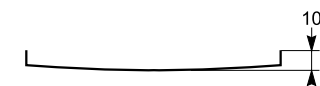
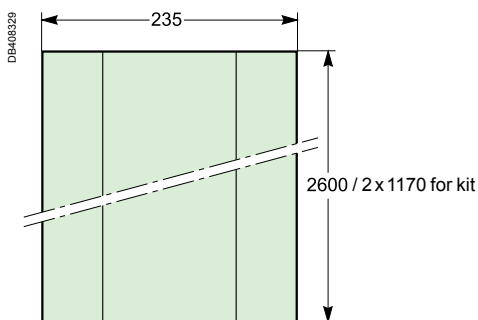
#### 13-module GTL main part



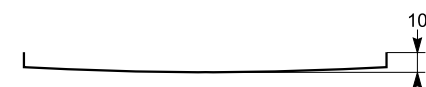
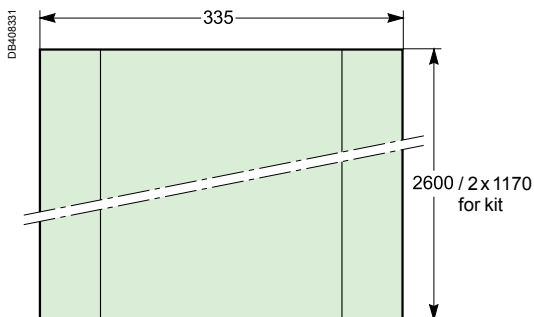
#### GTL (housing service duct) 18-module GTL main part



#### Cover

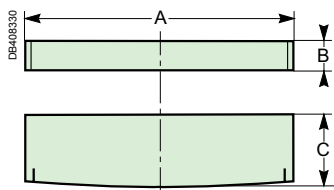


13 modules



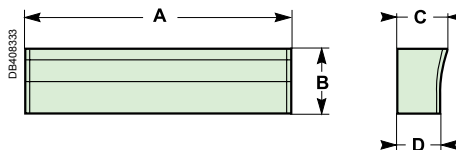
18 modules

#### GTL end-piece



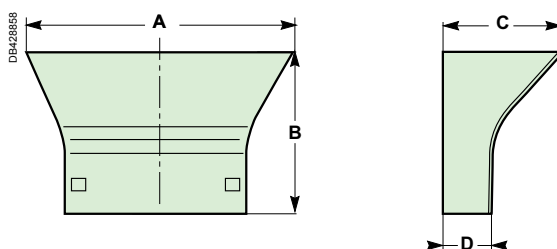
Type	A	B	C
13 modules	258	35	66
18 modules	364	35	66

#### Adjustment part



Type	A	B	C	D
13 modules	280	340	80	66
18 modules	390	340	80	66

#### GTL/ceiling connection



Type	A	B	C	D
13 modules	380	220	160	66
18 modules	476	220	160	66

Surface and flush mounting enclosures

# Pragma



# Perfect harmony between simplicity, robustness and styling



## Ease of installation

Generous cabling surface on the side and between rails, individual panels adapted to multi-position rails, removable frame, adaptable quick-connect terminal blocks,... enclosure installation has never been so simple. Enclosure combinations can be made horizontally and vertically.

## Robustness of components

Pragma enclosures have been designed to last. Components in specific Schneider Electric Technoplastic for the entire range, metal parts for the 24 modules, double-hinged door,... ensuring maximum solidity for a long time.

## Top-of-the-range styling and finishing

For successful integration in housing and the small service sector, the crystal door of the enclosure offers a choice of multiple finishes: Opaque or transparent glass pane, titanium white or metal grey frame. It can also be customized to suit the end customer: company logo, artistic illustration, etc.



### > Productivity

Fast, high-quality installation.

### > Flexibility

Pragma enclosures are suitable for all Acti 9 protection switchgear and controlgear, NG125 and NG160 circuit breakers, and contactors, terminal blocks, buttons and the Schneider Electric ultra-terminal offer.

### > Peace of mind

An extremely robust and durable enclosure range.

### > Simplicity

An offer that is accessible, easy to choose according to your needs.

# Selection guide Pragma

## Pragma

### Surface mounting enclosures

**DO NOT PRINT**

### Selection table

PE101361\_SE-53 / PE101362\_SE-42



PE117377



Enclosures	Without terminal block	With earth terminal block	With earth + neutral terminal blocks	Universal
Promotional page	Module 9MP29EN			

DB430195



Presentation	Module 93249E			Module 99011E
--------------	---------------	--	--	---------------

DB430178



DB430184



Functions and technical data	Module 93252E	Module 93235E	Module 93227E	Module 99011E
------------------------------	---------------	---------------	---------------	---------------

DB430179



DB430180



DB430181



DB430184



Accessories	Module 93244E			Module 99011E
-------------	---------------	--	--	---------------

DB430182

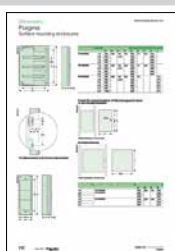


DB430184



Dimensions	Module 93230E			
------------	---------------	--	--	--

DB430183



# Pragma

## Flush mounting enclosures

**DO NOT PRINT**

### Selection table

PE101361\_SE-53



PE117376



<b>Enclosures</b>	<b>Without terminal block</b>	<b>With earth terminal block</b>	<b>With earth + neutral terminal blocks</b>	<b>Universal</b>
<b>Promotional page</b>	<b>Module 9MP29EN</b>			

DB430185



<b>Presentation</b>	<b>Module 93253E</b>			<b>Module 99012E</b>
---------------------	----------------------	--	--	----------------------

DB430185



DB430185



<b>Functions and technical data</b>	<b>Module 93254E</b>	<b>Module 93236E</b>	<b>Module 93228E</b>	<b>Module 99012E</b>
-------------------------------------	----------------------	----------------------	----------------------	----------------------

DB430185



DB430187



DB430188



DB430185



<b>Accessories</b>	<b>Module 93244E</b>			<b>Module 99012E</b>
--------------------	----------------------	--	--	----------------------

DB430182

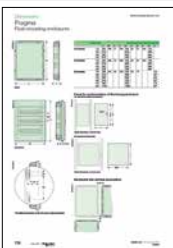


DB430185



<b>Dimensions</b>	<b>Module 93245E</b>			
-------------------	----------------------	--	--	--

DB430189



# Presentation

## Pragma

### Surface mounting enclosures

Pragma is the first modular enclosure combining ergonomics, attractive design and robustness at top level. This new enclosure, available in surface- and flush-mounted versions, has class II total insulation.

### The surface mounting enclosures

The range consists of enclosures with a width of 13, 18 or 24 modules of 1 to 6 rows and interfaces of 1 to 3 rows. The entire range can be associated horizontally or vertically.

**Easy installation and large cabling space.**  
The chassis shapes are rounded and are cable friendly and finger safe.



PB117789-13

**Cable or tube entry**

**Mounting lugs**  
Allow rapid wall mounting.

**Cut-out plates**  
In technoplastic, allow rear entry of cables.

**Split neutral terminal block<sup>(2)</sup>**  
Allows installation of a neutral terminal block between 2 rows near an RCD.

**Multi-position DIN rail**  
2 heights and 2 depths.

**Removable chassis**  
Simplifies the contractor's work by allowing cabling on table.

**Hinges**  
Simple and robust, they are mounted easily on the front face of the enclosure by rotation.

**NSXm switch or circuit-breaker**  
Installed in 24-module enclosures. Can be equipped with a Vigi module and associated with the Polybloc 160.

**Asymmetrical front plate**  
Used to adapt to the multi-position DIN rail and offers a large marking area.



**Modular earth terminal blocks with quick connection<sup>(1)</sup>:**

- on chassis
- transformable into an incoming splitter block up to 125 A
- on the back in particular in the interface
- on DIN rail.

**Insulating screen**

**Association kit**

**Interface**

Emergency stop button and other types of buttons and indicator lights.

Modular switchgear up to 7 modules.

Plate for mounting wiring devices or industrial power outlets.

**Removable cable entry plates**  
Located on the 4 sides of the enclosure, they offer wide access and allow easy association.

**Entry by trunking**

(1): for offer with earth terminal block.  
(2): for offer with earth and neutral terminal blocks.  
*Example of 2 enclosures with a width of 24 modules of 3 rows and 2 interfaces of 3 rows, vertically associated.*

# Pragma

## Surface mounting enclosures - Interfaces

Offer: without terminal block

A range of ready-to-use enclosures devised for electricians: ergonomics and flexibility of installation. The Pragma offer is particularly robust, especially the 24-module enclosures thanks to their metal structure and their reinforced front face.



### Function

This distribution enclosure is intended for top of the range residential and tertiary sectors. An interface, dedicated to the end-user, allows installation of modular and specific switchgear: wiring devices, industrial power outlets, emergency stop and other buttons and indicator lights, etc. The 24-module enclosures can accommodate the NSXm 160 incoming circuit-breaker or switch, equipped if necessary with an earth leakage protection module.

### Description



### Technical data

Type			
In conformity with standards	IEC 60670-1 and 24 IEC 61439-1 and 3		
Enclosure color	White RAL 9016		
Degree of protection	IP	IP40: with door	
	IK	IK09: with door	
<b>Materials</b>	Enclosure	Metal and plastic	Self-extinguishing technoplastic <sup>(1)</sup> material Resistant to fire and abnormal heat to (as per IEC 60695-2-11): ■ Front/cover: 650°C
	Door	13 and 18 modules	Plastic
Insulation	Class 2		
Rated insulation voltage (Ui)	< 400 V		

**Advantage:** thanks to its design, the entire Pragma range has "total insulation": no components on the enclosure, interface or door need be earthed.

(1) Technoplastic material specially developed by Schneider Electric.

Components delivered with each enclosure and interface		
Type	Enclosure	Interface
Marking strips + label-guard	■	-
Blanking plate strip	■	-
Identification label	■	■
Front face and back connection	-	■
1 plain plate per row	-	■



# Pragma

## Surface mounting enclosures - Interfaces

Offer: without terminal block

### Catalogue numbers

Enclosures				Cat. no.
Number of modules per row	Number of rows	Capacity in modules of 18 mm	Rated current In	
13 modules	1	13	63 A	PRA99000
	2	26	63 A	PRA99001
	3	39	90 A	PRA99002
	4	52	90 A	PRA99003
18 modules	1	18	90 A	PRA99004
	2	36	90 A	PRA99005
	3	54	125 A	PRA99006
	4	72	125 A	PRA99007
24 modules	1	24	125 A	PRA99008
	2	48	125 A	PRA99009
	3	72	160 A	PRA99010
	4	96	160 A	PRA99011
	5	120	160 A	PRA99012
	6	144	160 A	PRA99013

Enclosure/interface association table <sup>(1)</sup>				Cat. no.	
Enclosures	Association with enclosures	Number of rows	Capacity in modules of 18 mm	Grey	White
 <small>PB101502_SEF16</small>	13 modules	1	7	PRA06118	PRA08118
	18 modules	2	14	PRA06218	PRA08218
		3	21	PRA06318	PRA08318
or					
 <small>PB101503_SE-21</small>	24 modules	1	7	PRA06124 <sup>(2)</sup>	-
		2	14	PRA06224 <sup>(2)</sup>	-
		3	21	PRA06324 <sup>(2)</sup>	-

(1) Provide an association kit PRA90001 per interface.

(2) Add a W letter at the end of the Cat. no. for white blanking plates version.

### Door

Type		Cat. no.		
<b>Opaque door for interfaces</b>		<b>Grey</b>		
13 and 18 modules	1 row	PRA07118		
	2 rows	PRA07218		
	3 rows	PRA07318		
<b>Door for enclosures</b>		<b>Transparent</b>	<b>Smoked</b>	<b>Plain</b>
13 modules	1 row	PRA15113	PRA99067	PRA16113
	2 rows	PRA15213	PRA99068	PRA16213
	3 rows	PRA15313	PRA99069	PRA16313
	4 rows	PRA15413	PRA99070	PRA16413
18 modules	1 row	PRA15118	-	PRA16118
	2 rows	PRA15218	PRA99064	PRA16218
	3 rows	PRA15318	PRA99065	PRA16318
	4 rows	PRA15418	PRA99066	PRA16418
24 modules	1 row	PRA15124	-	PRA16124
	2 rows	PRA15224	-	PRA16224
	3 rows	PRA15324	-	PRA16324
	4 rows	PRA15424	-	PRA16424
	5 rows	PRA15524	-	PRA16524
	6 rows	PRA15624	-	PRA16624

# Pragma

## Surface mounting enclosures Interfaces

### Offer: with earth terminal block

A range of ready-to-use enclosures devised for electricians: ergonomics and flexibility of installation. The Pragma offer is particularly robust, especially the 24-module enclosures thanks to their metal structure and their reinforced front face.



### Function

This distribution enclosure is intended for top of the range residential and tertiary sectors. An interface, dedicated to the end-user, allows installation of modular and specific switchgear: wiring devices, industrial power outlets, emergency stop and other buttons and indicator lights, etc. The 24-module enclosures can accommodate the NSXm 160 incoming circuit-breaker or switch, equipped if necessary with an earth leakage protection module.

### Description



### Technical data

Type			
In conformity with standards	IEC 60670-1 and 24 IEC 61439-1 and 3		
Enclosure color	White RAL 9016		
Degree of protection	IP	IP40: with door	
	IK	IK09: with door	
Materials	Enclosure	Metal and plastic	Self-extinguishing technoplastic <sup>(1)</sup> material Resistant to fire and abnormal heat to (as per IEC 60695-2-11): ■ Front/cover: 650°C
	Door	13 and 18 modules 24 modules doors	Plastic Metal and glass
Insulation	Class 2		
Rated insulation voltage (Ui)	< 400 V		

**Advantage:** thanks to its design, the entire Pragma range has "total insulation": no components on the enclosure, interface or door need be earthed.

(1) Technoplastic material specially developed by Schneider Electric.

Components delivered with each enclosure and interface		
Type	Enclosure	Interface
Marking strips + label-guard	■	-
Blanking plate strip	■	-
Earth terminal blocks (*): see cat. no. table	■	-
Identification label	■	■
Front face and back connection	-	■
1 plain plate per row	-	■

### Technical data of terminal blocks

- Rated insulation voltages Ui: 800 V, Uimp: 4/8 kV.
- Complies with IEC 60947-7-1 and IEC 60998.

The terminal blocks can also be mounted in Prisma Plus switchboards. The connections of the terminal blocks (either spring or screw connections), specially developed by Schneider Electric, allow connection of flexible or rigid wires without ferrule (connection of wires with ferrule is also possible).

### Modular terminal blocks with screwless quick connections for small cables



Earth terminal blocks.



Possibility to transform the terminal block into an incoming splitter block up to 125 A, thanks to the support PRA90048.



# Pragma

## Surface mounting enclosures Interfaces

Offer: with earth terminal block

### Catalogue numbers

Enclosures					Cat. no.
Number of modules per row	Number of rows	Capacity in modules of 18 mm	Rated current In	Number of connections	
13 modules	1	13	63 A	3 x 25 <sup>□</sup> + 11 x 4 <sup>□</sup>	PRA10201
	2	26	63 A	3 x 25 <sup>□</sup> + 21 x 4 <sup>□</sup>	PRA10202
	3	39	90 A	3 x 25 <sup>□</sup> + 21 x 4 <sup>□</sup>	PRA10203
	4	52	90 A	4 x 25 <sup>□</sup> + 25 x 4 <sup>□</sup>	PRA10204
18 modules	1	18	90 A	3 x 25 <sup>□</sup> + 21 x 4 <sup>□</sup>	PRA10261
	2	36	90 A	3 x 25 <sup>□</sup> + 21 x 4 <sup>□</sup>	PRA10262
	3	54	125 A	3 x 25 <sup>□</sup> + 21 x 4 <sup>□</sup>	PRA10263
	4	72	125 A	6 x 25 <sup>□</sup> + 22 x 4 <sup>□</sup>	PRA10264
24 modules	1	24	125 A	1 x 50 <sup>□</sup> + 1 x 25 <sup>□</sup> + 5 x (4 x 6 <sup>□</sup> )	PRA13811
	2	48	125 A	1 x 50 <sup>□</sup> + 2 x 25 <sup>□</sup> + 6 x (4 x 6 <sup>□</sup> )	PRA13812
	3	72	160 A	1 x 50 <sup>□</sup> + 2 x 25 <sup>□</sup> + 6 x (4 x 6 <sup>□</sup> )	PRA13813
	4	96	160 A	1 x 50 <sup>□</sup> + 3 x 25 <sup>□</sup> + 7 x (4 x 6 <sup>□</sup> )	PRA13814
	5	120	160 A	1 x 50 <sup>□</sup> + 3 x 25 <sup>□</sup> + 7 x (4 x 6 <sup>□</sup> )	PRA13815
	6	144	160 A	1 x 50 <sup>□</sup> + 3 x 25 <sup>□</sup> + 7 x (4 x 6 <sup>□</sup> )	PRA13816

Enclosure/interface association table <sup>(1)</sup>				Cat. no.	
Enclosures	Association with enclosures	Number of rows	Capacity in modules of 18 mm	Grey	White
 PB101502_SE-16	13 modules	1	7	PRA06118	PRA08118
	18 modules	2	14	PRA06218	PRA08218
		3	21	PRA06318	PRA08318
or					
 PB101603_SE-21	24 modules	1	7	PRA06124 <sup>(2)</sup>	-
		2	14	PRA06224 <sup>(2)</sup>	-
		3	21	PRA06324 <sup>(2)</sup>	-

(1) Provide an association kit PRA90001 per interface.

(2) Add a W letter at the end of the Cat. no. for white blanking plates version.

### Door

Type		Cat. no.		
<b>Opaque door for interfaces</b>		Grey		
13 and 18 modules	1 row	PRA07118		
	2 rows	PRA07218		
	3 rows	PRA07318		
<b>Door for enclosures</b>		Transparent	Smoked	Plain
13 modules	1 row	PRA15113	PRA99067	PRA16113
	2 rows	PRA15213	PRA99068	PRA16213
	3 rows	PRA15313	PRA99069	PRA16313
	4 rows	PRA15413	PRA99070	PRA16413
18 modules	1 row	PRA15118	-	PRA16118
	2 rows	PRA15218	PRA99064	PRA16218
	3 rows	PRA15318	PRA99065	PRA16318
	4 rows	PRA15418	PRA99066	PRA16418
24 modules	1 row	PRA15124	-	PRA16124
	2 rows	PRA15224	-	PRA16224
	3 rows	PRA15324	-	PRA16324
	4 rows	PRA15424	-	PRA16424
	5 rows	PRA15524	-	PRA16524
	6 rows	PRA15624	-	PRA16624

# Functions and technical data

## Pragma

### Surface mounting enclosures Interfaces

#### Offer: with earth + neutral terminal blocks

A range of ready-to-use enclosures devised for electricians: ergonomics and flexibility of installation. The Pragma offer is particularly robust, especially the 24-module enclosures thanks to their metal structure and their reinforced front face.



### Function

This distribution enclosure is intended for top of the range residential and tertiary sectors. An interface, dedicated to the end-user, allows installation of modular and specific switchgear: wiring devices, industrial power outlets, emergency stop and other buttons and indicator lights, etc. The 24-module enclosures can accommodate the NSXm 160 incoming circuit-breaker or switch, equipped if necessary with an earth leakage protection module.

### Description



#### Modular terminal blocks with screwless quick connections for small cables



Earth and neutral terminal blocks.



### Technical data

Type			
In conformity with standards	IEC 60670-1 and 24 IEC 61439-1 and 3		
Enclosure color	White RAL 9016		
Degree of protection	IP	IP40: with door	
	IK	IK09: with door	
Materials	Enclosure	Metal and plastic	Self-extinguishing technoplastic <sup>(1)</sup> material Resistant to fire and abnormal heat to (as per IEC 60695-2-11): ■ Front/cover: 650°C
	Door	13 and 18 modules	Plastic
Insulation	Class 2		
Rated insulation voltage (Ui)	< 400 V		

**Advantage:** thanks to its design, the entire Pragma range has "total insulation": no components on the enclosure, interface or door need be earthed.

(1) Technoplastic material specially developed by Schneider Electric.

Components delivered with each enclosure and interface		
Type	Enclosure	Interface
Marking strips + label-guard	■	-
Blanking plate strip	■	-
Earth terminal blocks (*): see cat. no. table	■	-
Identification label	■	■
Front face and back connection	-	■
1 plain plate per row	-	■

### Technical data of terminal blocks

■ Rated insulation voltages Ui: 800 V, Uimp: 4/8 kV.

■ Complies with IEC 60947-7-1 and IEC 60998.

The terminal blocks can also be mounted in Prisma Plus switchboards.

The connections of the terminal blocks (either spring or screw connections), specially developed by Schneider Electric, allow connection of flexible or rigid wires without ferrule (connection of wires with ferrule is also possible).



Neutral terminal blocks easy to split to adapt to earth leakage protection.



Possibility to transform the terminal block into an incoming splitter block up to 125 A, thanks to the support PRA90048.



# Pragma

Surface mounting enclosures Interfaces

Offer: with earth + neutral terminal blocks

## Catalogue numbers

Enclosures					Cat. no.	
Number of modules per row	Nber of rows	Capacity in modules of 18 mm	Rated current In	Number of connections	Grey	White
					<b>650°C</b>	<b>750°C</b>
<b>Neutral / Earth terminal block</b>						
<b>13 modules</b>	1	13	63 A	$(3 \times 25^{\text{p}} + 11 \times 4^{\text{p}}) + (3 \times 25^{\text{p}} + 11 \times 4^{\text{p}})$	<b>PRA20113</b>	<b>PRA45113</b>
	2	26	63 A	$(3 \times 25^{\text{p}} + 11 \times 4^{\text{p}}) + (3 \times 25^{\text{p}} + 21 \times 4^{\text{p}})$	<b>PRA20213</b>	<b>PRA45213</b>
	3	39	90 A	$(3 \times 25^{\text{p}} + 21 \times 4^{\text{p}}) + (3 \times 25^{\text{p}} + 21 \times 4^{\text{p}})$	<b>PRA20313</b>	<b>PRA45313</b>
	4	52	90 A	$(4 \times 25^{\text{p}} + 25 \times 4^{\text{p}}) + (4 \times 25^{\text{p}} + 25 \times 4^{\text{p}})$	<b>PRA20413</b>	<b>PRA45413</b>
<b>18 modules</b>	1	18	90 A	$(3 \times 25^{\text{p}} + 11 \times 4^{\text{p}}) + (3 \times 25^{\text{p}} + 21 \times 4^{\text{p}})$	<b>PRA20118</b>	<b>PRA45118</b>
	2	36	90 A	$(3 \times 25^{\text{p}} + 21 \times 4^{\text{p}}) + (3 \times 25^{\text{p}} + 21 \times 4^{\text{p}})$	<b>PRA20218</b>	<b>PRA45218</b>
	3	54	125 A	$(3 \times 25^{\text{p}} + 21 \times 4^{\text{p}}) + (3 \times 25^{\text{p}} + 21 \times 4^{\text{p}})$	<b>PRA20318</b>	<b>PRA45318</b>
	4	72	125 A	$(4 \times 25^{\text{p}} + 25 \times 4^{\text{p}}) + (5 \times 25^{\text{p}} + 25 \times 4^{\text{p}})$	<b>PRA20418</b>	<b>PRA45418</b>
<b>24 modules</b>	1	24	125 A	$(1 \times 50^{\text{p}} + 2 \times 25^{\text{p}} + 5 \times (4 \times 6^{\text{p}})) + (1 \times 50^{\text{p}} + 1 \times 25^{\text{p}} + 5 \times (4 \times 6^{\text{p}}))$	<b>PRA20124</b>	<b>PRA45124</b>
	2	48	125 A	$(1 \times 50^{\text{p}} + 4 \times 25^{\text{p}} + 6 \times (4 \times 6^{\text{p}})) + (1 \times 50^{\text{p}} + 2 \times 25^{\text{p}} + 6 \times (4 \times 6^{\text{p}}))$	<b>PRA20224</b>	<b>PRA45224</b>
	3	72	160 A	$(1 \times 50^{\text{p}} + 4 \times 25^{\text{p}} + 6 \times (4 \times 6^{\text{p}})) + (1 \times 50^{\text{p}} + 2 \times 25^{\text{p}} + 6 \times (4 \times 6^{\text{p}}))$	<b>PRA20324</b>	<b>PRA45324</b>
	4	96	160 A	$(1 \times 50^{\text{p}} + 6 \times 25^{\text{p}} + 7 \times (4 \times 6^{\text{p}})) + (1 \times 50^{\text{p}} + 3 \times 25^{\text{p}} + 7 \times (4 \times 6^{\text{p}}))$	<b>PRA20424</b>	<b>PRA45424</b>
	5	120	160 A	$(1 \times 50^{\text{p}} + 6 \times 25^{\text{p}} + 7 \times (4 \times 6^{\text{p}})) + (1 \times 50^{\text{p}} + 3 \times 25^{\text{p}} + 7 \times (4 \times 6^{\text{p}}))$	<b>PRA20524</b>	<b>PRA45524</b>
	6	144	160 A	$(1 \times 50^{\text{p}} + 6 \times 25^{\text{p}} + 7 \times (4 \times 6^{\text{p}})) + (1 \times 50^{\text{p}} + 3 \times 25^{\text{p}} + 7 \times (4 \times 6^{\text{p}}))$	<b>PRA20624</b>	<b>PRA45624</b>

Enclosure/interface association table <sup>(1)</sup>				Cat. no.	
Enclosures	Association with enclosures	Number of rows	Capacity in modules of 18 mm	Grey	White
	13 modules	<b>1</b>	7	<b>PRA06118</b>	<b>PRA08118</b>
	18 modules	<b>2</b>	14	<b>PRA06218</b>	<b>PRA08218</b>
		<b>3</b>	21	<b>PRA06318</b>	<b>PRA08318</b>
or					
	24 modules	<b>1</b>	7	<b>PRA06124</b> <sup>(2)</sup>	-
		<b>2</b>	14	<b>PRA06224</b> <sup>(2)</sup>	-
		<b>3</b>	21	<b>PRA06324</b> <sup>(2)</sup>	-

(1) Provide an association kit PRA90001 per interface.

(2) Add a W letter at the end of the Cat. no. for white blanking plates version.

## Door

Type		Cat. no.		
<b>Opaque door for interfaces</b>		<b>Grey</b>		
13 and 18 modules	1 row	<b>PRA07118</b>		
	2 rows	<b>PRA07218</b>		
	3 rows	<b>PRA07318</b>		
<b>Door for enclosures</b>		<b>Transparent</b>	<b>Smoked</b>	<b>Plain</b>
13 modules	1 row	<b>PRA15113</b>	<b>PRA99067</b>	<b>PRA16113</b>
	2 rows	<b>PRA15213</b>	<b>PRA99068</b>	<b>PRA16213</b>
	3 rows	<b>PRA15313</b>	<b>PRA99069</b>	<b>PRA16313</b>
	4 rows	<b>PRA15413</b>	<b>PRA99070</b>	<b>PRA16413</b>
18 modules	1 row	<b>PRA15118</b>	-	<b>PRA16118</b>
	2 rows	<b>PRA15218</b>	<b>PRA99064</b>	<b>PRA16218</b>
	3 rows	<b>PRA15318</b>	<b>PRA99065</b>	<b>PRA16318</b>
	4 rows	<b>PRA15418</b>	<b>PRA99066</b>	<b>PRA16418</b>
24 modules	1 row	<b>PRA15124</b>	-	<b>PRA16124</b>
	2 rows	<b>PRA15224</b>	-	<b>PRA16224</b>
	3 rows	<b>PRA15324</b>	-	<b>PRA16324</b>
	4 rows	<b>PRA15424</b>	-	<b>PRA16424</b>
	5 rows	<b>PRA15524</b>	-	<b>PRA16524</b>
	6 rows	<b>PRA15624</b>	-	<b>PRA16624</b>

# Presentation

## Pragma

### Surface mounting enclosures

#### Offer: Universal

Pragma is the first modular enclosure combining ergonomics, attractive design and robustness at top level. This new enclosure, available in surface- and flush-mounted versions, has class II total insulation.

### The surface mounting enclosures

The range consists of enclosures with a width of 13 or 18 modules of 3 rows.

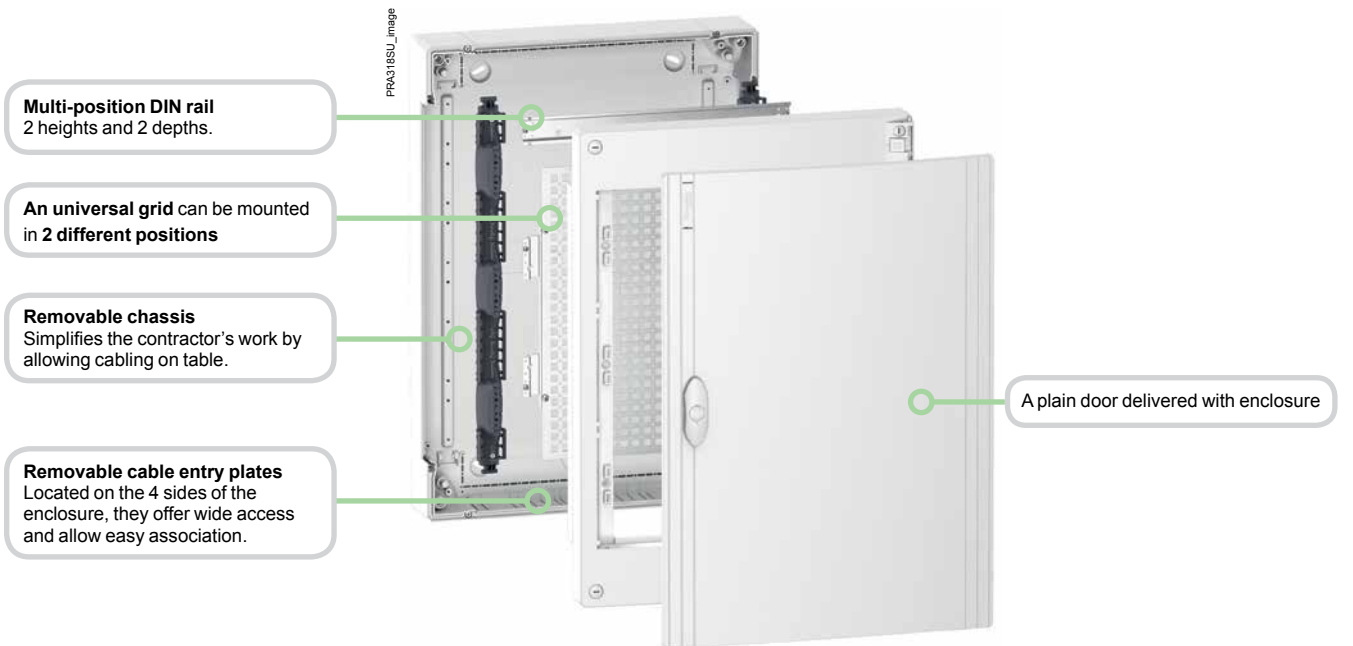
### Function

This surface enclosure is intended for the top of the range residential and tertiary sectors. The universal version is the best solution for all the non electrical distribution application like multimedia central or alarm; thanks to DIN Rail and the universal grid, all components are compatible. Smart accessories let you move around the components the way you like, creating a structure in perfect order and tailor-made for your customer's needs. The consistency in design with distribution enclosure range allow best installation in term of aesthetic and technology. Pragma Universal can be associated to electrical distribution enclosure and guarantee a good final design.

### Description

18-module enclosures

13-module enclosures

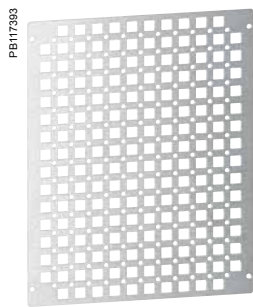


# Pragma

## Surface mounting enclosures

### Offer: Universal

A range of ready-to-use enclosures devised for electricians: ergonomics and flexibility of installation.



DIN accessory



Box accessory



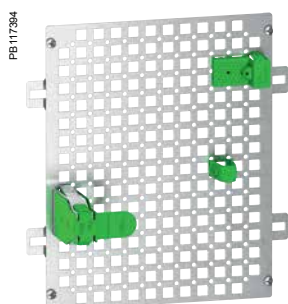
Screw accessory



RJ45 accessory



Cable accessory



## Technical data

### Enclosures and interfaces

In conformity with standard	IEC 60670-1	
Enclosure color	White RAL 9016	
Degree of protection	IP	IP40: with door
	IK	IK09: with door
Materials	Enclosure	Metal and plastic
	Door	13 and 18 modules
		Self-extinguishing Technoplastic <sup>(1)</sup> material Resistant to fire and abnormal heat to (as per IEC 60695-2-11): ■ Front/cover: 650°C ■ Back: 650°C
		Plastic
Insulation	Class 2	
Rated insulation voltage (Ui)	< 400 V	

**Advantage:** thanks to its design, the entire Pragma range has "total insulation": no components on the enclosure, interface or door need be earthed.

(1) Technoplastic material specially developed by Schneider Electric.

### Components delivered with each enclosure

Type	Enclosure
1 DIN rail	■
Universal grid	■
Plain door	■

### Catalogue numbers

Type	Cat. no.	
Number of modules per row	Number of rows	
13 modules	3	PRA313SU
18 modules	3	PRA318SU

### Accessories FIX Family compliant with the grid

Type	Length	Cat. no.
<b>DIN accessory</b>		
Allow tool-less a fixing of the DIN Rail.		
■ Assembly of 1 DIN rail mounted on 2 Fix Din (237 mm) + earth terminal block		
Fix Din	237 mm	VDIR380001
<b>Box accessory</b>		
Allow the tool-less fixing of the active components (Box ADSL, switch, ONT, etc.)		
■ 2 Fix box compatible with component thickness from 25 to 85 mm		
Fix Box		VDIR380002
<b>Screw accessory</b>		
Allow the tool-less fixing of the components using screws (splitters)		
■ 2 Fix screw		
Fix Screw		VDIR380003
<b>Cable accessory</b>		
Allow the cable/patchcord management inside the telecom cabinet.		
■ 2 Fix cable		
Fix cable		VDIR380004
<b>RJ45 accessory</b>		
Allow the support of the RJ45 S-ONE connectors equipped with:		
■ A thumb wheel for the choice of application		
■ 6 pictos sheel for the choice of rooms		
■ Blank labels for free identification		
■ Earthing automatic clip for maximal security		
Fix RJ45		VDIR380005

# Presentation

## Pragma

### Flush mounting enclosures

Pragma is the first modular enclosure combining ergonomics, attractive design and robustness at top level. This new enclosure, available in surface- and flush-mounted versions, has class II total insulation.

### The flush mounting enclosure

The range consists of enclosures with a width of 13, 18 or 24 modules of 1 to 6 rows. The entire range can be associated horizontally or vertically.

#### Easy installation and large cabling space

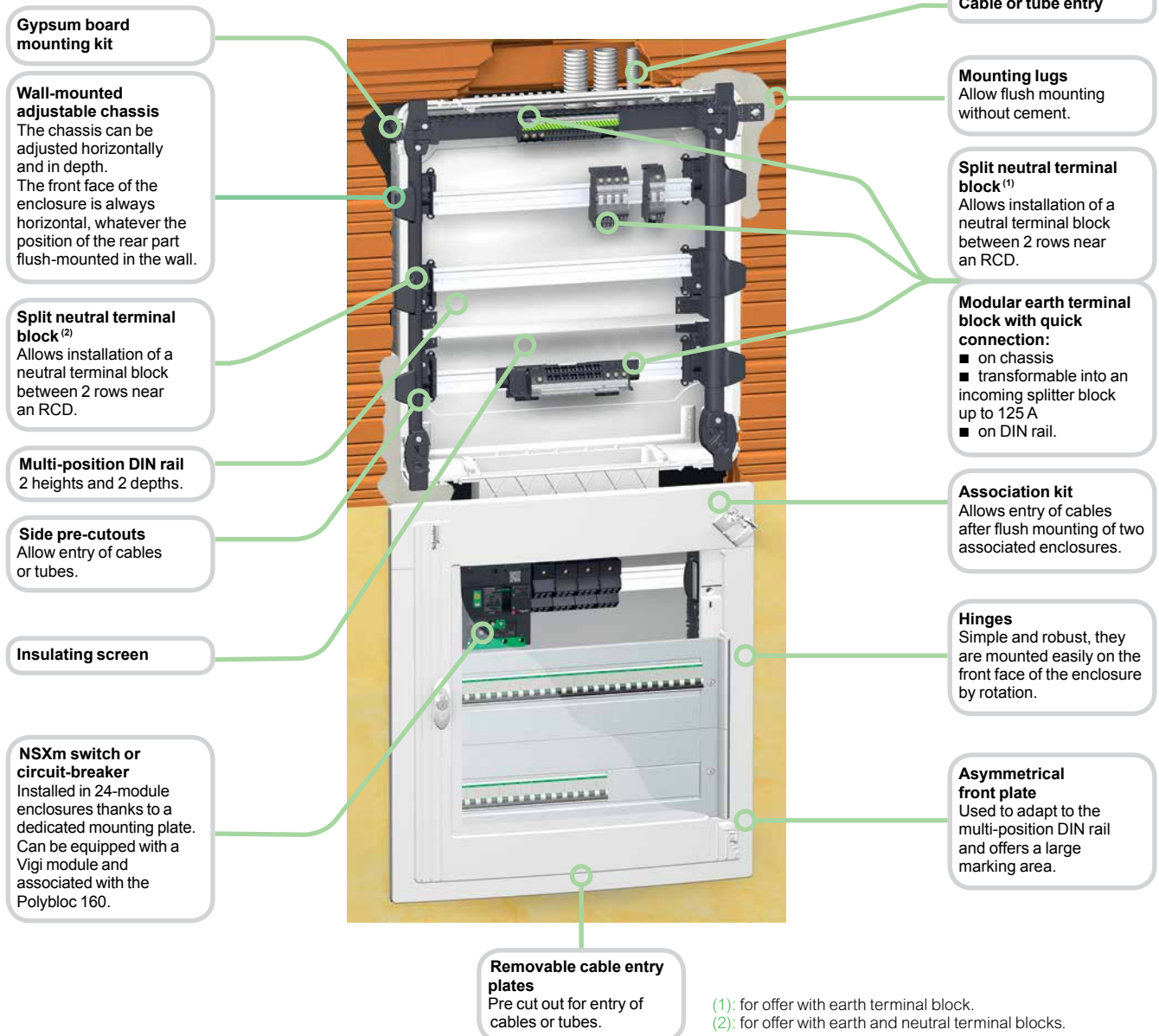
The chassis shapes are rounded and are cable friendly and finger safe.



PB101409\_SE-55

Enclosures

PB117766-13



(1): for offer with earth terminal block.  
(2): for offer with earth and neutral terminal blocks.

Example of 2 enclosures with a width of 24 modules of 3 rows, vertically associated.

# Functions and technical data

## Pragma

### Flush mounting enclosures

#### Offer: without terminal block

A range of ready-to-use enclosures devised for electricians: ergonomics and flexibility of installation. The Pragma offer is particularly robust, especially the 24-module enclosures thanks to their metal structure and their reinforced front face.



### Function

This distribution enclosure is flush-mounted in masonry or in gypsum partition. It is intended for the top of the range residential and tertiary sectors. The 24-module enclosures can accommodate the NSXm 160 incoming circuit-breaker or switch, equipped if necessary with an earth leakage protection module.

### Description

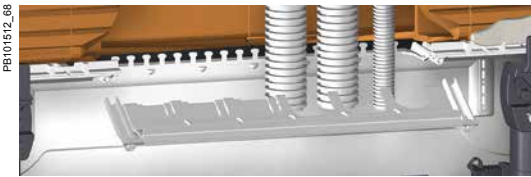
24-module enclosures

18-module enclosures

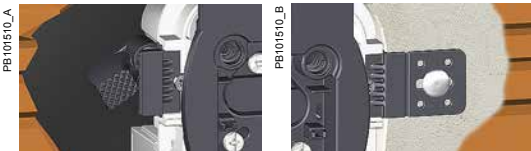
13-module enclosures



### A whole host of flush mounting options



Removable entry plates.



Gypsum board mounting kit PRA90011.

Mounting lugs allow wall-mounting without cement.

### Wall-mounted chassis adjustable horizontally and in depth



The front face of the enclosure is always horizontal, whatever the position of the rear part flush-mounted in the wall.

### Technical data

Type			
In conformity with standards	IEC 60670-1 and 24 IEC 61439-1 and 3		
Enclosure color	White RAL 9016		
Degree of protection	IP	IP40: with door	
	IK	IK09: with door	
Materials	Enclosure	Metal and plastic	Self-extinguishing technoplastic <sup>(1)</sup> material Resistant to fire and abnormal heat to (as per IEC 60695-2-11): ■ Front/cover: 650°C ■ Back: 850°C
	Door	13 and 18 modules 24 modules doors	Plastic Metal and glass
Insulation	Class 2		
Rated insulation voltage (Ui)	< 400 V		
Halogen Free	No		

**Advantage:** thanks to its design, the entire Pragma range has "total insulation": no components on the enclosure, interface or door need be earthed.

(1) Technoplastic material specially developed by Schneider Electric.

Components delivered with each enclosure	
Type	
Marking strips + label-guard	
Blanking plate strip	
Identification label	

# Pragma

Flush mounting enclosures

Offer: without terminal block

## Catalogue numbers

Enclosures				Cat. no.
Number of modules per row	Number of rows	Capacity in modules of 18 mm	Rated current In	
13 modules	1	13	63 A	PRA60113
	2	26	63 A	PRA60213
	3	39	90 A	PRA60313
	4	52	90 A	PRA60413
18 modules	1	18	90 A	PRA60118
	2	36	90 A	PRA60218
	3	54	125 A	PRA60318
	4	72	125 A	PRA60418
24 modules	1	24	125 A	PRA60124
	2	48	125 A	PRA60224
	3	72	160 A	PRA60324
	4	96	160 A	PRA60424
	5	120	160 A	PRA60524
	6	144	160 A	PRA60624

## Door

Type		Cat. no.		
Door for enclosures		Transparent	Smoked	Plain
13 modules	1 row	PRA15113	PRA99067	PRA16113
	2 rows	PRA15213	PRA99068	PRA16213
	3 rows	PRA15313	PRA99069	PRA16313
	4 rows	PRA15413	PRA99070	PRA16413
18 modules	1 row	PRA15118	-	PRA16118
	2 rows	PRA15218	PRA99064	PRA16218
	3 rows	PRA15318	PRA99065	PRA16318
	4 rows	PRA15418	PRA99066	PRA16418
24 modules	1 row	PRA15124	-	PRA16124
	2 rows	PRA15224	-	PRA16224
	3 rows	PRA15324	-	PRA16324
	4 rows	PRA15424	-	PRA16424
	5 rows	PRA15524	-	PRA16524
	6 rows	PRA15624	-	PRA16624

# Pragma

## Flush mounting enclosures

### Offer: with earth terminal block

A range of ready-to-use enclosures devised for electricians: ergonomics and flexibility of installation. The Pragma offer is particularly robust, especially the 24-module enclosures thanks to their metal structure and their reinforced front face.



### Function

This distribution enclosure is flush-mounted in masonry or in gypsum partition. It is intended for the top of the range residential and tertiary sectors. The 24-module enclosures can accommodate the NSXm 160 incoming circuit-breaker or switch, equipped if necessary with an earth leakage protection module.

### Description

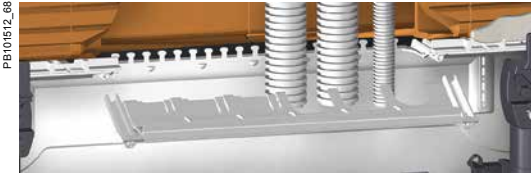
24-module enclosures

18-module enclosures

13-module enclosures



#### A whole host of flush mounting options



Removable entry plates.



Gypsum board mounting kit PRA90011.



Mounting lugs allow wall-mounting without cement.

#### Wall-mounted chassis adjustable horizontally and in depth



The front face of the enclosure is always horizontal, whatever the position of the rear part flush-mounted in the wall.



Possibility to transform the terminal block into an incoming splitter block up to 125 A, thanks to the support PRA90048.

#### Modular terminal blocks with screwless quick connections for small cables



Earth and neutral terminal blocks.



### Technical data

Type		
In conformity with standards	IEC 60670-1 and 24 IEC 61439-1 and 3	
Enclosure color	White RAL 9016	
Degree of protection	IP	IP40: with door
	IK	IK09: with door
<b>Materials</b>	Enclosure	Metal and plastic
	Door	13 and 18 modules: Plastic
		Self-extinguishing technoplastic <sup>(1)</sup> material Resistant to fire and abnormal heat to (as per IEC 60695-2-11): ■ Front/cover: 650°C ■ Back: 650°C
Insulation	Class 2	
Rated insulation voltage (Ui)	< 400 V	

(1) Technoplastic material specially developed by Schneider Electric.

Components delivered with each enclosure	
Type	
Marking strips + label-guard	
Blanking plate strip	
Earth terminal blocks (*): see cat. no. table	
Identification label	

### Technical data of terminal blocks

- Rated insulation voltage Ui: 800 V, Uimp: 4/8 kV.
- Complies with IEC 60947-7-1 and IEC 60998.

The terminal blocks can also be mounted in Prisma Plus switchboards. The connections of the terminal blocks (either spring or screw connections), specially developed by Schneider Electric, allow connection of flexible or rigid wires without ferrule (connection of wires with ferrule is also possible).

# Pragma

Flush mounting enclosures

Offer: with earth terminal block

## Catalogue numbers

Enclosures					Cat. no.
Number of modules per row	Number of rows	Capacity in modules of 18 mm	Rated current In	Number of connections	
				<b>Earth terminal block</b>	
13 modules	1	13	63 A	3 x 25 <sup>□</sup> + 11 x 4 <sup>□</sup>	PRA35113
	2	26	63 A	3 x 25 <sup>□</sup> + 21 x 4 <sup>□</sup>	PRA35213
	3	39	90 A	3 x 25 <sup>□</sup> + 21 x 4 <sup>□</sup>	PRA35313
	4	52	90 A	4 x 25 <sup>□</sup> + 25 x 4 <sup>□</sup>	PRA35413
18 modules	1	18	90 A	3 x 25 <sup>□</sup> + 21 x 4 <sup>□</sup>	PRA35118
	2	36	90 A	3 x 25 <sup>□</sup> + 21 x 4 <sup>□</sup>	PRA35218
	3	54	125 A	3 x 25 <sup>□</sup> + 21 x 4 <sup>□</sup>	PRA35318
	4	72	125 A	6 x 25 <sup>□</sup> + 22 x 4 <sup>□</sup>	PRA35418
24 modules	1	24	125 A	1 x 50 <sup>□</sup> + 1 x 25 <sup>□</sup> + 5 x (4 x 6 <sup>□</sup> )	PRA13831
	2	48	125 A	1 x 50 <sup>□</sup> + 2 x 25 <sup>□</sup> + 6 x (4 x 6 <sup>□</sup> )	PRA13832
	3	72	160 A	1 x 50 <sup>□</sup> + 2 x 25 <sup>□</sup> + 6 x (4 x 6 <sup>□</sup> )	PRA13833
	4	96	160 A	1 x 50 <sup>□</sup> + 3 x 25 <sup>□</sup> + 7 x (4 x 6 <sup>□</sup> )	PRA13834
	5	120	160 A	1 x 50 <sup>□</sup> + 3 x 25 <sup>□</sup> + 7 x (4 x 6 <sup>□</sup> )	PRA13835
	6	144	160 A	1 x 50 <sup>□</sup> + 3 x 25 <sup>□</sup> + 7 x (4 x 6 <sup>□</sup> )	PRA13836

## Door

Type		Cat. no.		
Door for enclosures		Transparent	Smoked	Plain
13 modules	1 row	PRA15113	PRA99067	PRA16113
	2 rows	PRA15213	PRA99068	PRA16213
	3 rows	PRA15313	PRA99069	PRA16313
	4 rows	PRA15413	PRA99070	PRA16413
18 modules	1 row	PRA15118	-	PRA16118
	2 rows	PRA15218	PRA99064	PRA16218
	3 rows	PRA15318	PRA99065	PRA16318
	4 rows	PRA15418	PRA99066	PRA16418
24 modules	1 row	PRA15124	-	PRA16124
	2 rows	PRA15224	-	PRA16224
	3 rows	PRA15324	-	PRA16324
	4 rows	PRA15424	-	PRA16424
	5 rows	PRA15524	-	PRA16524
	6 rows	PRA15624	-	PRA16624

# Functions and technical data

## Pragma

### Flush mounting enclosures

#### Offer: with earth + neutral terminal blocks

A range of ready-to-use enclosures devised for electricians: ergonomics and flexibility of installation. The Pragma offer is particularly robust, especially the 24-module enclosures thanks to their metal structure and their reinforced front face.



### Function

This distribution enclosure is flush-mounted in masonry or in gypsum partition. It is intended for the top of the range residential and tertiary sectors. The 24-module enclosures can accommodate the NSXm 160 incoming circuit-breaker or switch, equipped if necessary with an earth leakage protection module.

### Description

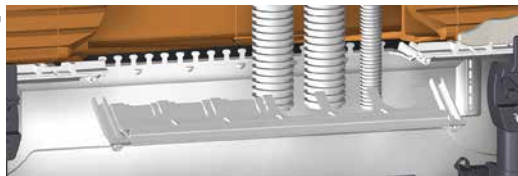
24-module enclosures

18-module enclosures

13-module enclosures



#### A whole host of flush mounting options



Removable entry plates.



Gypsum board mounting kit PRA90011.



Mounting lugs allow wall-mounting without cement.

#### Wall-mounted chassis adjustable horizontally and in depth



The front face of the enclosure is always horizontal, whatever the position of the rear part flush-mounted in the wall.



Neutral terminal blocks easy to split to adapt to earth leakage protection.



Possibility to transform the terminal block into an incoming splitter block up to 125 A, thanks to the support PRA90048.

#### Modular terminal blocks with screwless quick connections for small cables



Earth and neutral terminal blocks.



### Technical data

Type		
In conformity with standards	IEC 60670-1 and 24 IEC 61439-1 and 3	
Enclosure color	White RAL 9016	
Degree of protection	IP	IP40: with door
	IK	IK09: with door
Materials	Enclosure	Metal and plastic
	Door	13 and 18 modules
		Plastic
Insulation	Class 2	
Rated insulation voltage (Ui)	< 400 V	

(1) Technoplastic material specially developed by Schneider Electric.

Components delivered with each enclosure	
Type	
Marking strips + label-guard	
Blanking plate strip	
Earth terminal blocks (*): see cat. no. table	
Identification label	

### Technical data of terminal blocks

- Rated insulation voltage Ui: 800 V, Uimp: 4/8 kV.
- Complies with IEC 60947-7-1 and IEC 60998.

The terminal blocks can also be mounted in Prisma Plus switchboards. The connections of the terminal blocks (either spring or screw connections), specially developed by Schneider Electric, allow connection of flexible or rigid wires without ferrule (connection of wires with ferrule is also possible).

# Pragma

Flush mounting enclosures

Offer: with earth + neutral terminal blocks

## Catalogue numbers

Enclosures					Cat. no.	
Number of modules per row	Number of rows	Capacity in modules of 18 mm	Rated current In	Number of connections	GWT	
				Neutral / Earth terminal block	Front: 750°C Back: 850°C	Front: 650°C Back: 650°C
13 modules	1	13	63 A	$(3 \times 25^{\square} + 11 \times 4^{\square}) + (3 \times 25^{\square} + 11 \times 4^{\square})$	PRA40113	PRA25113
	2	26	63 A	$(3 \times 25^{\square} + 21 \times 4^{\square}) + (3 \times 25^{\square} + 21 \times 4^{\square})$	PRA40213	PRA25213
	3	39	90 A	$(3 \times 25^{\square} + 21 \times 4^{\square}) + (3 \times 25^{\square} + 21 \times 4^{\square})$	PRA40313	PRA25313
	4	52	90 A	$(3 \times 25^{\square} + 21 \times 4^{\square}) + (3 \times 25^{\square} + 21 \times 4^{\square})$	PRA40413	PRA25413
18 modules	1	18	90 A	$(3 \times 25^{\square} + 11 \times 4^{\square}) + (3 \times 25^{\square} + 21 \times 4^{\square})$	PRA40118	PRA25118
	2	36	90 A	$(3 \times 25^{\square} + 21 \times 4^{\square}) + (3 \times 25^{\square} + 21 \times 4^{\square})$	PRA40218	PRA25218
	3	54	125 A	$(3 \times 25^{\square} + 21 \times 4^{\square}) + (3 \times 25^{\square} + 21 \times 4^{\square})$	PRA40318	PRA25318
	4	72	125 A	$(4 \times 25^{\square} + 25 \times 4^{\square}) + (4 \times 25^{\square} + 25 \times 4^{\square})$	PRA40418	PRA25418
24 modules	1	24	125 A	$(1 \times 50^{\square} + 2 \times 25^{\square} + 5 \times (4 \times 6^{\square})) + (1 \times 50^{\square} + 1 \times 25^{\square} + 5 \times (4 \times 6^{\square}))$	PRA40124	PRA25124
	2	48	125 A	$(1 \times 50^{\square} + 4 \times 25^{\square} + 6 \times (4 \times 6^{\square})) + (1 \times 50^{\square} + 2 \times 25^{\square} + 6 \times (4 \times 6^{\square}))$	PRA40224	PRA25224
	3	72	160 A	$(1 \times 50^{\square} + 4 \times 25^{\square} + 6 \times (4 \times 6^{\square})) + (1 \times 50^{\square} + 2 \times 25^{\square} + 6 \times (4 \times 6^{\square}))$	PRA40324	PRA25324
	4	96	160 A	$(1 \times 50^{\square} + 6 \times 25^{\square} + 7 \times (4 \times 6^{\square})) + (1 \times 50^{\square} + 3 \times 25^{\square} + 7 \times (4 \times 6^{\square}))$	PRA40424	PRA25424
	5	120	160 A	$(1 \times 50^{\square} + 6 \times 25^{\square} + 7 \times (4 \times 6^{\square})) + (1 \times 50^{\square} + 3 \times 25^{\square} + 7 \times (4 \times 6^{\square}))$	PRA40524	PRA25524
	6	144	160 A	$(1 \times 50^{\square} + 6 \times 25^{\square} + 7 \times (4 \times 6^{\square})) + (1 \times 50^{\square} + 3 \times 25^{\square} + 7 \times (4 \times 6^{\square}))$	PRA40624	PRA25624

## Door

Type		Cat. no.		
Door for enclosures		Transparent	Smoked	Plain
13 modules	1 row	PRA15113	PRA99067	PRA16113
	2 rows	PRA15213	PRA99068	PRA16213
	3 rows	PRA15313	PRA99069	PRA16313
	4 rows	PRA15413	PRA99070	PRA16413
18 modules	1 row	PRA15118	-	PRA16118
	2 rows	PRA15218	PRA99064	PRA16218
	3 rows	PRA15318	PRA99065	PRA16318
	4 rows	PRA15418	PRA99066	PRA16418
24 modules	1 row	PRA15124	-	PRA16124
	2 rows	PRA15224	-	PRA16224
	3 rows	PRA15324	-	PRA16324
	4 rows	PRA15424	-	PRA16424
	5 rows	PRA15524	-	PRA16524
	6 rows	PRA15624	-	PRA16624

# Presentation

## Pragma

### Flush mounting enclosures

#### Offer: Universal

Pragma is the first modular enclosure combining ergonomics, attractive design and robustness at top level.

### The flush mounting enclosure

The range consists of enclosures with a width of 13 or 18 modules of 3 rows.

### Function

This enclosure is made for flush-mounted in masonry or in gypsum partition. It is intended for the top of the range residential and tertiary sectors.

The universal version is the best solution for all the non electrical distribution application like multimedia central or alarm; thanks to DIN Rail and the universal grid, all components are compatible.

Smart accessories let you move around the components the way you like, creating a structure in perfect order and tailor-made for your customer's needs.

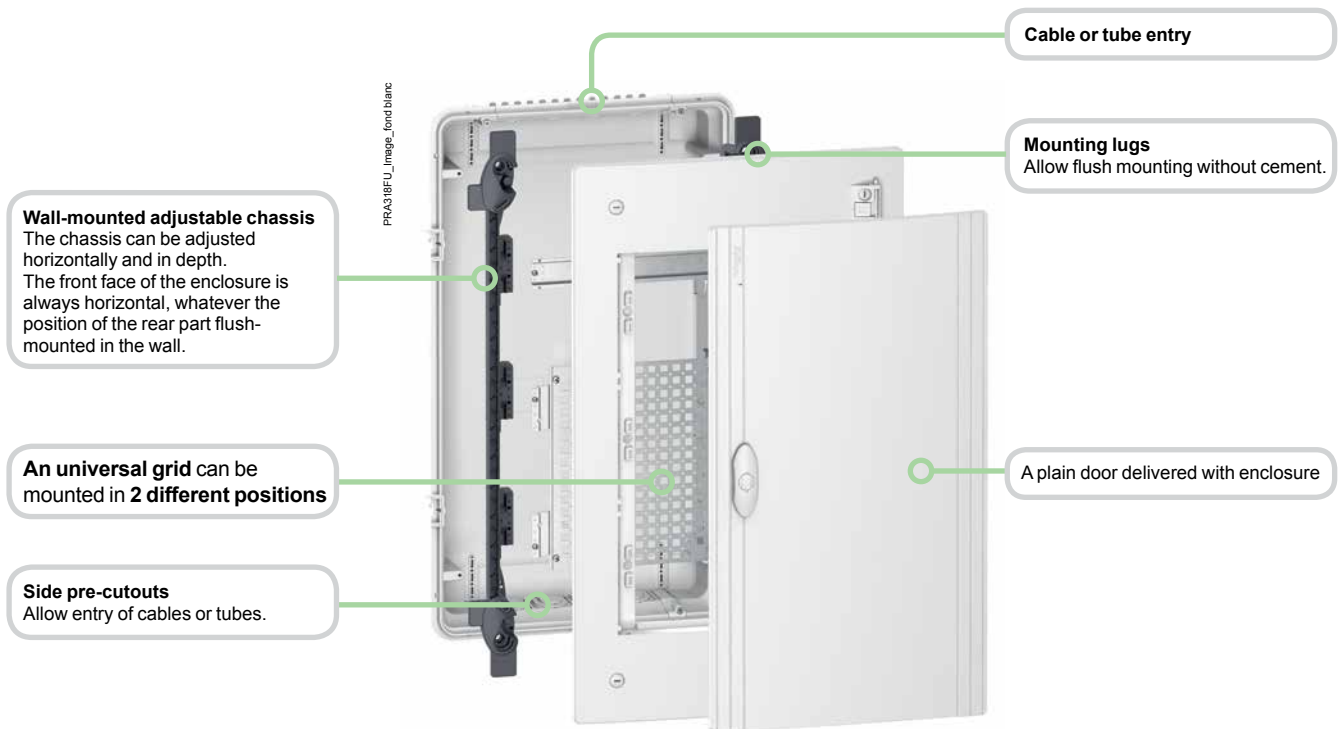
The consistency in design with distribution enclosure range allow best installation in term of aesthetic and technology.

Pragma Universal can be associated to electrical distribution enclosure and guarantee a good final design.

### Description

18-module enclosures

13-module enclosures

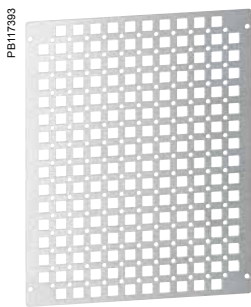


# Pragma

## Flush mounting enclosures

### Offer: Universal

A range of ready-to-use enclosures devised for electricians: ergonomics and flexibility of installation.



DIN accessory



Box accessory



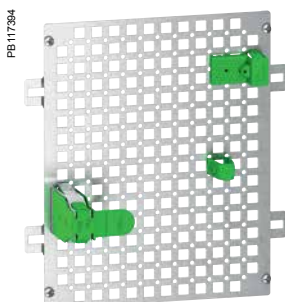
Screw accessory



RJ45 accessory



Cable accessory



## Technical data

### Enclosures and interfaces

In conformity with standard		IEC 60670-1
Enclosure color		White RAL 9016
Degree of protection	IP	IP40: with door
	IK	IK09: with door
Materials	Enclosure	Metal and plastic
	Door	13 and 18 modules
Self-extinguishing Technoplastic <sup>(1)</sup> material Resistant to fire and abnormal heat to (as per IEC 60695-2-11):		
■ Front/cover: 750°C		
■ Back: 750°C		
		Plastic
Insulation		Class 2
Rated insulation voltage (Ui)		< 400 V

**Advantage:** thanks to its design, the entire Pragma range has "total insulation": no components on the enclosure, interface or door need be earthed.

(1) Technoplastic material specially developed by Schneider Electric.

### Components delivered with each enclosure

Type	Enclosure
1 DIN rail	■
Universal grid	■
Plain door	■

### Catalogue numbers

Type	Cat. no.	
Number of modules per row	Number of rows	
13 modules	3	PRA313FU
18 modules	3	PRA318FU

### Accessories FIX Family compliant with the grid

Type	Length	Cat. no.
<b>DIN accessory</b>		
Allow tool-less a fixing of the DIN Rail.		
■ Assembly of 1 DIN rail mounted on 2 Fix Din (237 mm) + earth terminal block		
Fix Din	237 mm	VDIR380001
<b>Box accessory</b>		
Allow the tool-less fixing of the active components (Box ADSL, switch, ONT, etc.)		
■ 2 Fix box compatible with component thickness from 25 to 85 mm		
Fix Box		VDIR380002
<b>Screw accessory</b>		
Allow the tool-less fixing of the components using screws (splitters)		
■ 2 Fix screw		
Fix Screw		VDIR380003
<b>Cable accessory</b>		
Allow the cable/patchcord management inside the telecom cabinet.		
■ 2 Fix cable		
Fix cable		VDIR380004
<b>RJ45 accessory</b>		
Allow the support of the RJ45 S-ONE connectors equipped with:		
■ A thumb wheel for the choice of application		
■ 6 pictos sheel for the choice of rooms		
■ Blank labels for free identification		
■ Earthing automatic clip for maximal security		
Fix RJ45		VDIR380005

# Pragma

## Mounting enclosures

### Installation accessories for enclosures

Selection table	Description	Surface	Flush	Cat. no.
<b>Mounting accessories</b>				
Association kit	13 modules		•	PRA90004
	18 and 24 modules		•	PRA90005
	Internal association kit	•		PRA90001
	Metal reinforcement for external association for 24 modules	•		PRA90003
Gypsum wall mounting kit			•	PRA90011
External mounting lugs	4 metal lugs	•		PRA90009
FL21 entry flange support	For mounting FL21 entry flanges: 08881/08891/08895/08896/08897 for 24 modules	•		PRA90023
Identification sheets	Batch of 10 sheets of 3 strips x 13 modules A4 format for laser or inkjet printer	•	•	PRA90024
Drawing holder		•	•	PRA90082
DIN rail depth adapter	For 24 modules	•		04225
Cable entry plate	13 modules		•	PRA90025
	18 and 24 modules		•	PRA90026
Tube entry plate	13 modules	•		PRA90084
	18 modules	•		PRA90085
Plain mounting plate	H = 1 row / 13 modules	•	•	PRA90032
	H = 1 row / 18 modules	•	•	PRA90033
	H = 1 row / 24 modules	•	•	PRA90034
Row separator	IPxxB separator supplied with its supports / 13 modules	•	•	PRA90006
	IPxxB separator supplied with its supports / 18 modules	•	•	PRA90007
	IPxxB separator supplied with its supports / 24 modules	•	•	PRA90008
<b>Accessories for switchgear installation and finishing for grey version</b>				
Window type individual front plate	Supplied with marking strip and label-guard / 13 modules	•	•	PRA90013G
	Supplied with marking strip and label-guard / 18 modules	•	•	PRA90014G
	Supplied with marking strip and label-guard / 24 modules	•	•	PRA90015G
Plain individual front plate	13 modules	•	•	PRA90016G
	18 modules	•	•	PRA90017G
	24 modules	•	•	PRA90018G
Label-guard	Batch of 5, supplied with paper marking strip / 13 modules	•	•	PRA90035
	Batch of 5, supplied with paper marking strip / 18 modules	•	•	PRA90036
	Batch of 5, supplied with paper marking strip / 24 modules	•	•	PRA90037
Blanking plates	Batch consisting of 6 strips: 2 x 13 modules + 2 x 18 modules + 2 x 24 modules	•	•	PRA90020G
	Batch consisting of 6 strips: 10 x 5 modules	•	•	PRA90021
<b>Accessories for switchgear installation and finishing for white version</b>				
White individual front plate	13 modules	•	•	PRA91013W
	18 modules	•	•	PRA91014W
	24 modules	•	•	PRA91015W
Plain white individual front plate	13 modules	•	•	PRA91016
	18 modules	•	•	PRA91017
	24 modules	•	•	PRA91018
Label-guard	Batch of 5, supplied with paper marking strip / 13 modules	•	•	PRA90027
	Batch of 5, supplied with paper marking strip / 18 modules	•	•	PRA90028
	Batch of 5, supplied with paper marking strip / 24 modules	•	•	PRA90029
White blanking plates	Batch consisting of 6 strips: 2 x 13 modules + 2 x 18 modules + 2 x 24 modules	•	•	PRA91020
	Batch consisting of 6 strips: 10 x 5 modules	•	•	PRA91021
<b>Locking accessories</b>				
Lock for enclosure door	Keylock 405 (supplied with 2 keys)		•	PRA90039
	Keylock 455/1242E/2433A (supplied with 2 keys of each type)		•	PRA90055
	Male 7 mm triangle/square and 3 mm double barlock		•	PRA90056
Kit for sealing the front face of enclosures and interfaces			•	PRA90083

# Pragma

## Mounting enclosures

### Installation accessories for interfaces

Selection table	Description	Surface	Flush	Cat. no.
<b>Mounting accessories</b>				
Association kit	Internal association kit	•	•	PRA90001
	Metal reinforcement for external association for 24 modules	•	•	PRA90003
External mounting lugs	4 metal lugs	•	•	PRA90009
<b>Accessories for switchgear installation and finishing for grey version</b>				
Plain mounting plate	For mounting push buttons, indicator lamps and emergency stop switch	•	•	PRA90066
Blanking plates	Batch consisting of 6 strips: 2 x 13 modules + 2 x 18 modules + 2 x 24 modules	•	•	PRA90020G
	Batch consisting of 6 strips: 10 x 5 modules	•	•	PRA90021
7-module kit DB107899	For installation of modular switchgear up to 7 modules, H = 1 row	•	•	PRA90065
<b>Accessories for switchgear installation and finishing for white version</b>				
Plain white mounting plate	For mounting push buttons, indicator lamps and emergency stop switch	•	•	PRA91066
White Blanking plates	Batch consisting of 6 strips: 2 x 13 modules + 2 x 18 modules + 2 x 24 modules	•	•	PRA91020
	Batch consisting of 6 strips: 10 x 5 modules	•	•	PRA91021
7-module white kit	For installation of modular switchgear up to 7 modules, H = 1 row	•	•	PRA91065
Kit for mounting wiring devices	H = 1 row	•	•	PRA90070
White kit for mounting wiring devices	H = 1 row		•	PRA91070
Kit for mounting Unica wiring devices	H = 1 row		•	PRA90071
Kit for mounting Schneider Electric industrial power outlets	H = 1 row	•	•	PRA90067
White kit for mounting Schneider Electric industrial power outlets	H = 1 row	•	•	PRA91067
Compact mounting kit	Can only be installed in interfaces PRA06224/ PRA06324 associated with the 24-module enclosures H = 2 rows	•	•	PRA90068
Vigicompact mounting kit	Can only be installed in the three-row PRA06324 interface associated with 24-module enclosures H = 3 rows	•	•	PRA90069

### Spare parts

Selection table	Description	Surface	Flush	Cat. no.
<b>Accessories for enclosures</b>				
Entry flanges	Batch of 2 /13 modules	•		PRA90040
	Batch of 2 /18 modules	•		PRA90041
	Batch of 2 /24 modules	•		PRA90042
Chassis	Kit for 1 row / 13 and 18 modules	•		PRA90057
	Kit for 1 row / 24 modules	•		PRA90058
<b>Door accessories</b>				
Hinge	Batch of 2	•	•	PRA90043

### Connection accessories for enclosures

Selection table	Description	Surface	Flush	Cat. no.
<b>Accessories for the connection of enclosures</b>				
"Blue" rate connection kit with grey components	For control block cat. no. 13204 or monitoring panel cat. no. 13216, can be installed in place of two DIN rails H = 2 rows	13 modules	•	PRA90059
		18 modules	•	PRA90060
	24 modules	•	PRA90061	
		•	PRA90062	
"Blue" rate connection kit with white components	For control block cat. no. 13204 or monitoring panel cat. no. 13216, can be installed in place of two DIN rails H = 2 rows	13 modules	•	PRA90063
		18 modules	•	PRA91059
	24 modules	•	PRA91060	
		•	PRA91061	
ICP + 34 Kit	Can be installed in place of two DIN rails, for 24 modules H = 2 rows	•	•	PRA91062
		•	•	PRA91063
		•	•	PRA90072

### Connection accessories for interfaces

Selection table	Description	Surface	Flush	Cat. no.
<b>Accessories for the connection of interfaces</b>				
"Yellow" rate kit	Can only be installed in the three-row interface cat n° PRA06324, which can be associated with the 24-module enclosure	•	•	PRA90069

# Pragma

## Mounting enclosures

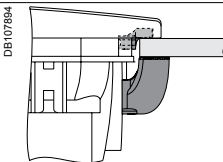
### Modular Terminal blocks

Designation	Description	Surface	Flush	Cat.No
<b>Terminal block components</b>				
Terminal blocks	50 mm <sup>2</sup> terminal block kit, W = 2 blocks (batch of 2)	•	•	PRA90045
	25 mm <sup>2</sup> terminal block kit, W = 1 block (batch of 5)	•	•	PRA90046
	4 x 6 mm <sup>2</sup> terminal block kit, W = 1 block (batch of 10)	•	•	PRA90047
Terminal block junction	8-block junction kit, W = 8 blocks (batch of 1)	•	•	PRA90050
	2-block junction kit, W = 2 blocks (batch of 10)	•	•	PRA90049
Terminal block support	Kit, W = 34 blocks maximum (batch of 1)	•	•	PRA90051
<b>Earth terminal blocks</b>				
Terminal blocks	17 points / 13 modules	•	•	PRA90086
	22 points / 13 modules	•	•	PRA90087
	26 points / 18 modules	•	•	PRA90088
	27 points / 24 modules	•	•	PRA90090
	30 points / 18 modules	•	•	PRA90089
	32 points / 24 modules	•	•	PRA90091
<b>Accessories for neutral terminal blocks</b>				
Split neutral terminal block support	Support kit W= 4 blocks (batch of 1)	•	•	PRA90053
Earth and neutral connector	Conector kit W=1 block (batch of 1)	•	•	PRA90052
<b>Use as incoming splitter block</b>				
Incoming splitter block kit	W = 1 block (batch of 4)	•	•	PRA90048

### Compact terminal blocks

Designation	Description	Surface	Flush	Cat.No
<b>Terminal block components</b>				
Compact associable screwless terminal blocks / earth	1 x 6/25 <sup>2</sup> (screw) + 4 x 1.5/4 <sup>2</sup> (push/in) terminal block (63 A) + jumper	•	•	LGYT1E05
	3 x 6/25 <sup>2</sup> (screw) + 11 x 1.5/4 <sup>2</sup> (push/in) terminal block (63 A) + jumper	•	•	LGYT1E14
	3 x 6/25 <sup>2</sup> (screw) + 21 x 1.5/4 <sup>2</sup> (push/in) terminal block (63 A) + jumper	•	•	LGYT1E24
Compact associable screwless terminal blocks / Neutral	1 x 6/25 <sup>2</sup> (screw) + 4 x 1.5/4 <sup>2</sup> (push/in) terminal block (63 A) + jumper	•	•	LGYT1N05
	3 x 6/25 <sup>2</sup> (screw) + 11 x 1.5/4 <sup>2</sup> (push/in) terminal block (63 A) + jumper	•	•	LGYT1N14
	3 x 6/25 <sup>2</sup> (screw) + 21 x 1.5/4 <sup>2</sup> (push/in) terminal block (63 A) + jumper	•	•	LGYT1N24
Terminal block junction	Compact associable terminal block junction kit Batch of 10	•	•	LGYT4A01
Screw insulated terminal block	4 x 16 <sup>2</sup> screw terminal block P/N (63 A)	•	•	R9H13405
	4 x 16 <sup>2</sup> screw terminal block P/P (63 A)	•	•	R9H13405P
	4 x 16 <sup>2</sup> screw terminal block N/N (63 A)	•	•	R9H13405N
	1 x 35 <sup>2</sup> + 6 x 16 <sup>2</sup> screw terminal block P/N (125 A)	•	•	R9H13411
	1 x 35 <sup>2</sup> + 6 x 16 <sup>2</sup> screw terminal block P/P (125 A)	•	•	R9H13411P
	1 x 35 <sup>2</sup> + 6 x 16 <sup>2</sup> screw terminal block N/N (125 A)	•	•	R9H13411N
Terminal block support	Terminal block support kit	•	•	PRA90051
<b>Accessories for terminal blocks</b>				
Pragma/DIN rail support	Support kit (batch of 1)	•	•	LGYT601R
Pragma Neutral Split support	Support kit W = 4 blocks (batch of 1 PRA90053)	•	•	PRA90053

### Installation accessories for enclosures (grey)


Mounting accessories		Cat. no.		
Designation	Description	13 modules	18 modules	24 modules
<b>Flush mounting</b>				
Association kit for Gypsum wall mounting kit		PRA90004	PRA90005	PRA90005
		PRA90011	PRA90011	PRA90011
<b>Surface mounting</b>				
Association kit	Internal association kit	PRA90001	PRA90001	PRA90001
		-	-	PRA90003
External mounting lugs	Metal reinforcement for external association	-	-	-
		PRA90009	PRA90009	PRA90009
External mounting lugs	4 metal lugs	-	-	-
		-	-	-

# Pragma

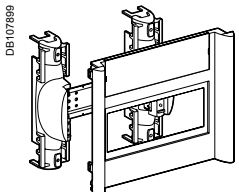
## Mounting enclosures

### Installation accessories for enclosures (grey) (cont.)


Accessories for switchgear installation and finishing for grey version		Cat. no.		
Designation	Description	13 modules	18 modules	24 modules
Plain individual front plate		PRA90016G	PRA90017G	PRA90018G
Blanking plates	Batch consisting of 6 strips: 2 x 13 modules + 2 x 18 modules + 2 x 24 modules	PRA90020G	PRA90020G	PRA90020G
	Batch consisting of 6 strips: 10 x 5 modules	PRA90021	PRA90021	PRA90021
Drawing holder		PRA90082	PRA90082	PRA90082
DIN rail depth adapter for surface mounting		-	-	04227
Plain mounting plate	H = 1 row	PRA90032	PRA90033	PRA90034
Row separator	IPxxB separator supplied with its supports	PRA90006	PRA90007	PRA90008

Locking accessories		Cat. no.		
Designation	Description	13 modules	18 modules	24 modules
Lock for enclosure door	Keylock 405 (supplied with 2 keys)	PRA90039	PRA90039	PRA90039
	Keylock 455/1242E/2433A (supplied with 2 keys of each type)	PRA90055	PRA90055	PRA90055
	Male 7 mm triangle/square and 3 mm double bar lock	PRA90056	PRA90056	PRA90056
Kit for sealing the front face of enclosures and interfaces	 DB107892	PRA90083	PRA90083	PRA90083

Mounting accessories		Cat. no.		
Designation	Description	13 modules	18 modules	24 modules
Association kit	Internal association kit	PRA90001	PRA90001	PRA90001
	Metal reinforcement for external association	-	-	PRA90003
External mounting lugs	4 metal lugs	PRA90009	PRA90009	PRA90009

Accessories for switchgear installation and finishing for grey version		Cat. no.		
Designation	Description	13 modules	18 modules	24 modules
Plain mounting plate	For mounting push buttons, indicator lamps and emergency stop switch	PRA90066	PRA90066	PRA90066
Blanking plates	Batch consisting of 6 strips: 2 x 13 modules + 2 x 18 modules + 2 x 24 modules	PRA90020G	PRA90020G	PRA90020G
	Batch consisting of 6 strips: 10 x 5 modules	PRA90021	PRA90021	PRA90021
7-module kit	 DB107869 For installation of modular switchgear up to 7 modules H = 1 row	PRA90065	PRA90065	PRA90065

### Spare parts

Accessories for enclosures in grey version		Cat. no.		
Designation	Description	13 modules	18 modules	24 modules
Flush and surface mounting				
Label-guard	Batch of 5, supplied with paper marking strip	PRA90035	PRA90036	PRA90037
Window type individual front plate	Supplied with marking strip and label-guard	PRA90013G	PRA90014G	PRA90015G
Surface mounting				
Entry flanges	Batch of 2	PRA90040	PRA90041	PRA90042
Chassis	Kit for 1 row	PRA90057	PRA90057	PRA90058
Door accessories		Cat. no.		
Hinge	 DB107902 Batch of 2	PRA90043	PRA90043	PRA90043

# Pragma

## Mounting enclosures

### Installation accessories for enclosures (white)

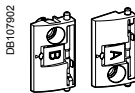
Mounting accessories		Cat. no.		
Designation	Description	13 modules	18 modules	24 modules
<b>Surface mounting</b>				
FL21 entry flange support	For mounting FL21 entry flanges: 08881/08891/08892/08895/08896/08897	-	-	PRA90023
<b>Accessories for switchgear installation and finishing for white version</b>		<b>Cat. no.</b>		
Designation	Description	13 modules	18 modules	24 modules
White individual front plate		PRA91013W	PRA91014W	PRA91015W
Plain white individual front plate		PRA91016	PRA91017	PRA91018
White blanking plates	Batch consisting of 6 strips: 2 x 13 modules + 2 x 18 modules + 2 x 24 modules	PRA91020	PRA91020	PRA91020
	Batch consisting of 6 strips: 10 x 5 modules	PRA91021	PRA91021	PRA91021
<b>Flush mounting</b>				
Cable entry plate		PRA90025	PRA90026	PRA90026
<b>Surface mounting</b>				
Tube entry plate		PRA90084	PRA90085	-

### Installation accessories for interfaces (white)

Accessories for switchgear installation and finishing for white version		Cat. no.		
Designation	Description	13 modules	18 modules	24 modules
Plain white mounting plate	For mounting push buttons, indicator lamps and emergency stop switch	PRA91066	PRA91066	PRA91066
White blanking plate	Batch consisting of 6 strips: 2 x 13 modules + 2 x 18 modules + 2 x 24 modules	PRA91020	PRA91020	PRA91020
	Batch consisting of 6 strips: 10 x 5 modules	PRA91021	PRA91021	PRA91021
7-module white kit	For installation of modular switchgear up to 7 modules	PRA91065	PRA91065	PRA91065
Kit for mounting wiring devices	H = 1 row	PRA90070	PRA90070	PRA90070
White kit for mounting wiring devices	H = 1 row	PRA91070	PRA91070	PRA91070
Kit for mounting Unica wiring devices	H = 1 row	PRA90071	PRA90071	PRA90071
Kit for mounting Schneider Electric industrial power outlets	H = 1 row	PRA90067	PRA90067	PRA90067
White kit for mounting Schneider Electric industrial power outlets	H = 1 row	PRA91067	PRA91067	PRA91067
Compact mounting kit	Can only be installed in interfaces PRA06224/ PRA06324 associated with the 24-module enclosures	-	-	PRA90068
Vigicompact mounting kit	H = 2 rows			
	Can only be installed in the three-row PRA06324 interface associated with 24-module enclosures	-	-	PRA90069
	H = 3 rows			

### Spare parts

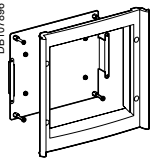
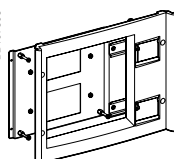
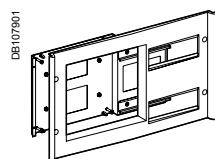
Accessories for enclosures in white version		Cat. no.		
Designation	Description	13 modules	18 modules	24 modules
Label-guard	Batch of 5, supplied with paper marking strip	PRA90027	PRA90028	PRA90029
Window type individual front plate	Supplied with marking strip and label-guard	PRA90013W	PRA90014W	PRA90015W
<b>Surface mounting</b>				
Entry flanges	Batch of 2	PRA90040	PRA90041	PRA90042
Chassis	Kit for 1 row	PRA90057	PRA90057	PRA90058
<b>Door accessories</b>		<b>Cat. no.</b>		
Hinge	Batch of 2	PRA90043	PRA90043	PRA90043



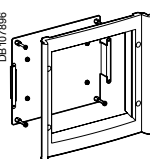
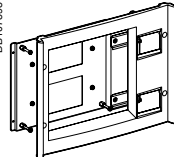
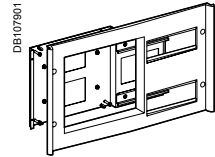
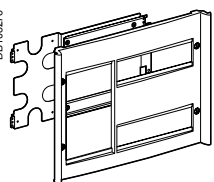
# Pragma

## Mounting enclosures

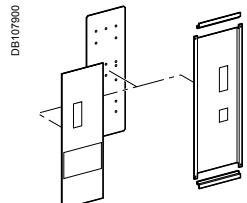
### Connection accessories for surface mounting enclosures

Accessories for the connection of enclosures		Cat. no.		
Designation	Description	For enclosures:		
		13 modules	18 modules	24 modules
<b>"Blue" rate connection kit with white components</b>  <i>PRA91060</i>  <i>PRA91062</i>  <i>PRA91063</i>	For control block cat. no. 13204 or monitoring panel cat. no. 13216 Can be installed in place of two DIN rails H = 2 rows	<b>PRA91059</b>	<b>PRA91061</b>	<b>PRA91063</b>

### Connection accessories for flush mounting enclosures

Accessories for the connection of enclosures		Cat. no.		
Designation	Description	For enclosures:		
		13 modules	18 modules	24 modules
<b>"Blue" rate connection kit with white components</b>  <i>PRA91060</i>  <i>PRA91062</i>  <i>PRA91063</i>	For control block cat. no. 13204 or monitoring panel cat. no. 13216 Can be installed in place of two DIN rails H = 2 rows	<b>PRA91060</b>	<b>PRA91062</b>	<b>PRA91063</b>
<b>ICP + 34 kit</b> 	Can be installed in place of two DIN rails H = 2 rows	-	-	<b>PRA90072</b>

### Connection accessories for interfaces

Accessories for the connection of interfaces		Cat. no.
Designation	Description	
<b>"Yellow" rate kit</b> 	Can only be installed in the three-row interface cat. no. PRA06324, which can be associated with the 24-module enclosure	<b>PRA90069</b>

# Pragma

## Mounting enclosures

### Electrical accessories: modular terminal blocks

- Rated insulation voltage  $U_i$ : 800 V.
  - Impulse withstand voltage  $U_{imp}$ : 8 kV.
  - Behaviour with the current of short-circuit: the breaking capacity reinforced in filiations of the distributors and Minibloc connector blocks, was checked until 150 kA rms in the cases of associations apparatus upstream - distributor - apparatus downstream for ranges of apparatuses Schneider Electric.
  - Complies with IEC standard 60947-7-1 and IEC 60998.
- The connections of the terminal blocks (either spring or screw connections), specially developed by Schneider Electric, allow connection of flexible or rigid wires without ferrule (connection of wires with ferrule is also possible).

Terminal block components		Cat. no.																																			
	<p>These components can be used to implement and install a terminal block:</p> <ul style="list-style-type: none"> <li>■ on the chassis near the conductor entry</li> <li>■ on a DIN rail mounted on the enclosure chassis</li> <li>■ on the back of the enclosure or interface</li> <li>■ in the Prisma Plus switchboards on the functional uprights</li> </ul> <p>Permissible current:</p> <ul style="list-style-type: none"> <li>■ 50 mm<sup>2</sup> terminal block kit: 160 A max. at 40°C</li> <li>■ 25 mm<sup>2</sup> terminal block kit: 90 A max. at 40°C</li> <li>■ 6 x 4 mm<sup>2</sup> terminal block kit: 63 A max. at 40°C</li> <li>■ 8-block junction kit:                             <ul style="list-style-type: none"> <li>□ 90 A with 1 junction</li> <li>□ 160 A with 2 parallel-mounted junctions</li> </ul> </li> <li>■ 2-block junction kit: 90 A.</li> </ul>																																				
	<table border="1"> <thead> <tr> <th colspan="4">Terminal blocks</th> </tr> </thead> <tbody> <tr> <td>50 mm<sup>2</sup> terminal block kit</td> <td>W = 2 blocks</td> <td>Batch of 2</td> <td><b>PRA90045</b></td> </tr> <tr> <td>25 mm<sup>2</sup> terminal block kit</td> <td>W = 1 block</td> <td>Batch of 5</td> <td><b>PRA90046</b></td> </tr> <tr> <td>4 x 6 mm<sup>2</sup> terminal block kit</td> <td>W = 1 block</td> <td>Batch of 10</td> <td><b>PRA90047</b></td> </tr> <tr> <th colspan="4">Terminal block junction</th> </tr> <tr> <td>8-block junction kit</td> <td>W = 8 blocks</td> <td>Batch of 1</td> <td><b>PRA90050</b></td> </tr> <tr> <td>2-block junction kit</td> <td>W = 2 blocks</td> <td>Batch of 10</td> <td><b>PRA90049</b></td> </tr> <tr> <th colspan="4">Terminal block support</th> </tr> <tr> <td>Terminal block support kit</td> <td>W = 34 blocks maximum</td> <td>Batch of 1</td> <td><b>PRA90051</b></td> </tr> </tbody> </table>	Terminal blocks				50 mm <sup>2</sup> terminal block kit	W = 2 blocks	Batch of 2	<b>PRA90045</b>	25 mm <sup>2</sup> terminal block kit	W = 1 block	Batch of 5	<b>PRA90046</b>	4 x 6 mm <sup>2</sup> terminal block kit	W = 1 block	Batch of 10	<b>PRA90047</b>	Terminal block junction				8-block junction kit	W = 8 blocks	Batch of 1	<b>PRA90050</b>	2-block junction kit	W = 2 blocks	Batch of 10	<b>PRA90049</b>	Terminal block support				Terminal block support kit	W = 34 blocks maximum	Batch of 1	<b>PRA90051</b>
Terminal blocks																																					
50 mm <sup>2</sup> terminal block kit	W = 2 blocks	Batch of 2	<b>PRA90045</b>																																		
25 mm <sup>2</sup> terminal block kit	W = 1 block	Batch of 5	<b>PRA90046</b>																																		
4 x 6 mm <sup>2</sup> terminal block kit	W = 1 block	Batch of 10	<b>PRA90047</b>																																		
Terminal block junction																																					
8-block junction kit	W = 8 blocks	Batch of 1	<b>PRA90050</b>																																		
2-block junction kit	W = 2 blocks	Batch of 10	<b>PRA90049</b>																																		
Terminal block support																																					
Terminal block support kit	W = 34 blocks maximum	Batch of 1	<b>PRA90051</b>																																		

Earth terminal blocks		Cat. no.		
Designation	Description	13 modules	18 modules	24 modules
Earth terminal blocks	17 points	<b>PRA90086</b>	-	-
	22 points	<b>PRA90087</b>	-	-
	26 points	-	<b>PRA90088</b>	-
	30 points	-	<b>PRA90089</b>	-
	27 points	-	-	<b>PRA90090</b>
	32 points	-	-	<b>PRA90091</b>

Accessories for neutral terminal blocks		Cat. no.
	<p><b>Split neutral terminal block support</b></p> <p>Support kit</p> <p>W = 4 blocks    Batch of 1</p> <p><b>PRA90053</b></p> <p>Allows installation of a neutral terminal block between 2 rows near an RCD in a surface-mounted or flush-mounted enclosure</p>	
	<p><b>Earth and neutral connector</b></p> <p>Connector kit</p> <p>W = 1 block    Batch of 1</p> <p><b>PRA90052</b></p> <p>Allows reliable connection between the earth terminal block and the neutral terminal block, where necessary (transition from TN-C to TN-S earthing system) With this exclusive connector, the disconnection between the 2 terminal blocks as an isolation measure is fully visible.</p>	
	<p><b>Use as incoming splitter block</b></p> <p>Incoming splitter block kit</p> <p>W = 1 block    Batch of 4</p> <p><b>PRA90048</b></p> <p>For converting terminal block kits PRA90045/PRA90046/PRA90047 into an incoming splitter block up to 125 A and 50 mm<sup>2</sup>.</p> <p>Permissible current:</p> <ul style="list-style-type: none"> <li>■ entry via PRA90046 (1 x 25 mm<sup>2</sup> - 1 block): 80 A</li> <li>■ entry via PRA90045 (1 x 50 mm<sup>2</sup> - 2 blocks): 125 A</li> </ul> <p><math>U_i</math>: 400 V and <math>U_{imp}</math>: 6 kV</p>	

# Pragma

## Mounting enclosures

### Electrical accessories: compact terminal blocks

- Rated insulation voltage  $U_i$ : 400 V.
- Impulse withstand voltage  $U_{imp}$ : 4 kV.
- Behaviour with the current of short-circuit: the breaking capacity reinforced in filiations of the distributors and Minibloc connector blocks, was checked until 30 kA rms in the cases of associations apparatus upstream - distributor - apparatus downstream for ranges of apparatuses Schneider Electric.
- Complies with IEC standard 60947-7-1.
- IP degree protection: IP20 in accordance to IEC 60998.

The connections of the terminal blocks (either spring or screw connections), specially developed by Schneider Electric, allow connection of flexible or rigid wires with and without terminals.

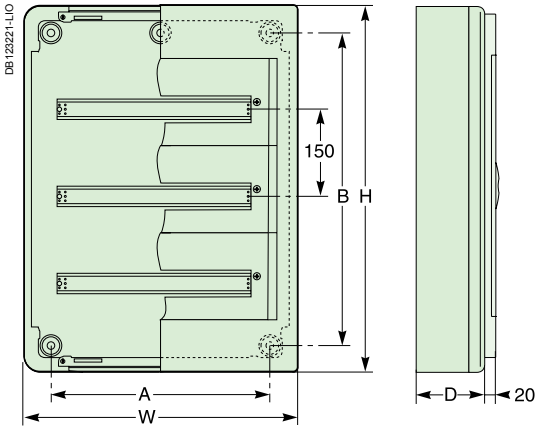
Terminal block components		Cat. no.	
		These components can be used to implement and install a terminal block: <ul style="list-style-type: none"> <li>■ on the chassis near the conductor entry</li> <li>■ on a DIN rail mounted on the enclosure chassis</li> <li>■ in the Prisma Plus switchboards on the functional uprights</li> </ul>	
		<b>Compact associable screwless terminal blocks<sup>(1)</sup></b>	<b>Earth</b> <b>Neutral</b>
1 x 6/25 <sup>□</sup> (screw) + 4 x 1.5/4 <sup>□(2)</sup> (push/in) terminal block (63A) + jumper		<b>LGYT1E05</b>	<b>LGYT1N05</b>
3 x 6/25 <sup>□</sup> (screw) + 11 x 1.5/4 <sup>□(2)</sup> (push/in) terminal block (63A) + jumper		<b>LGYT1E14</b>	<b>LGYT1N14</b>
3 x 6/25 <sup>□</sup> (screw) + 21 x 1.5/4 <sup>□(2)</sup> (push/in) terminal block (63A) + jumper		<b>LGYT1E24</b>	<b>LGYT1N24</b>
<b>Terminal block junction</b>			
Compact associable terminal block junction kit      Batch of 10		-	<b>LGYT4A01</b>
<b>Screw insulated terminal block</b>			
4 x 16 <sup>□</sup> screw terminal block P/N (63A)		-	<b>R9H13405</b>
4 x 16 <sup>□</sup> screw terminal block P/P (63A)		-	<b>R9H13405P</b>
4 x 16 <sup>□</sup> screw terminal block N/N (63A)		-	<b>R9H13405N</b>
1 x 35 <sup>□</sup> + 6 x 16 <sup>□</sup> screw terminal block P/N (125A)		-	<b>R9H13411</b>
1 x 35 <sup>□</sup> + 6 x 16 <sup>□</sup> screw terminal block P/P (125A)		-	<b>R9H13411P</b>
1 x 35 <sup>□</sup> + 6 x 16 <sup>□</sup> screw terminal block N/N (125A)		-	<b>R9H13411N</b>
<b>Terminal block support</b>			
Terminal block support kit		-	<b>PRA90051</b>

(1) Rated connection capacity.  
 (2) Up to 6 mm<sup>2</sup> for rigid and stranded cables without ferrule limited to 32 A.

Accessories for terminal blocks		Cat. no.	
		<b>Pragma/DIN rail support</b>	
Support kit		Batch of 1	<b>LGYT601R</b>
Allows installation of 4 screw 7 holes terminal block on Pragma terminal support or on DIN rail or 2 compact terminals on DIN rail			
		<b>Pragma Neutral Split support</b>	
Support kit		W = 4 blocks      Batch of 1	<b>PRA90053</b>
Allows installation of a 1+4 neutral terminal block between 2 rows near an RCD			

# Pragma

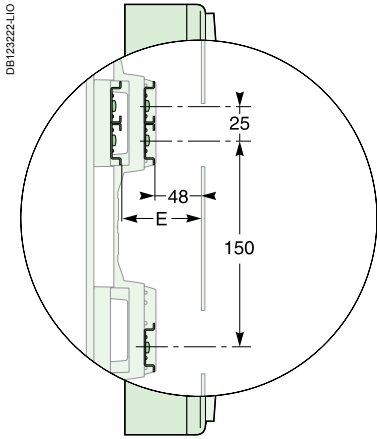
## Surface mounting enclosures



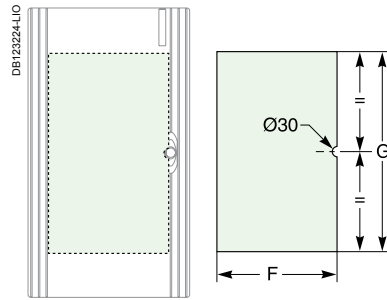
Enclosures		Dimensions (mm)								
		H	W	D	A	B	E	F	G	J
13 modules	1 R	300	336	123 (115)	160	200	73	253	149	
	2 R	450				350				
	3 R	600				500				
	4 R	750				650				
18 modules	1 R	300	426	125 (115)	250	200	73	343	149	
	2 R	450				350				
	3 R	600				500				
	4 R	750				650				
24 modules	1 R	300	550	148 (136)	340	150	78			121
	2 R	450				300				271
	3 R	600				450				421
	4 R	750				600				571
	5 R	900				750				721
	6 R	1050				900				871

### Panel for customisation of the transparent door

13- and 18-module enclosures

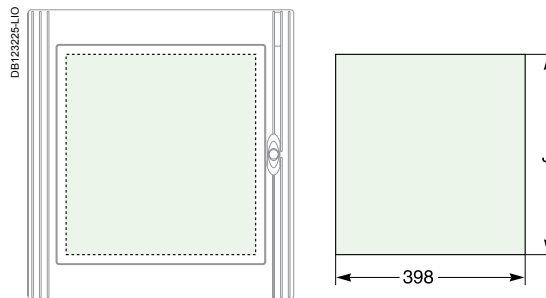


The different positions of the DIN rail in height and depth.

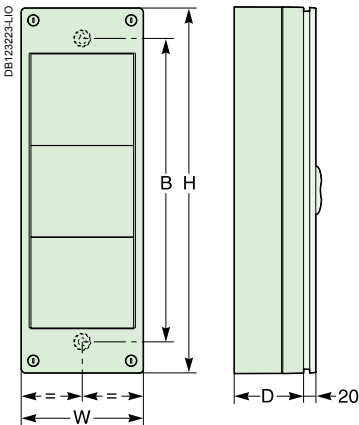


Panel thickness: 0.5 mm max.

24-module enclosures



Panel thickness: 0.5 mm max.



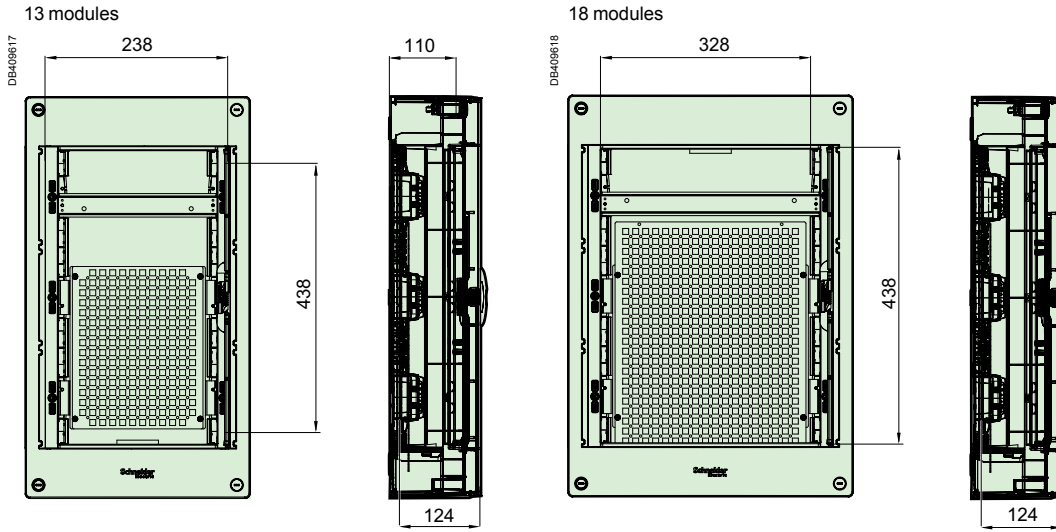
Interfaces	Association with enclosures	Dimensions (mm)			
		H	W	D	B
1 R	13 modules	300	200	115	206
2 R	18 modules	450			356
3 R		600			506
1 R	24 modules	300	200	136	175
2 R		450			325
3 R		600			475

# Dimensions

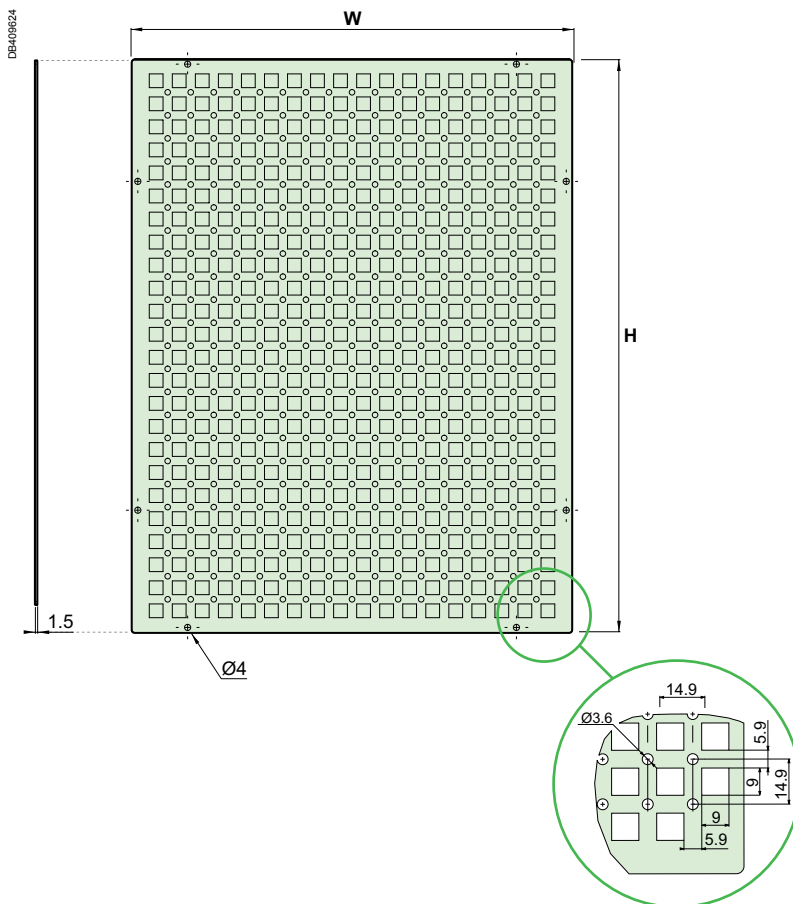
## Pragma

Surface mounting enclosures

Offer: Universal



### Grid

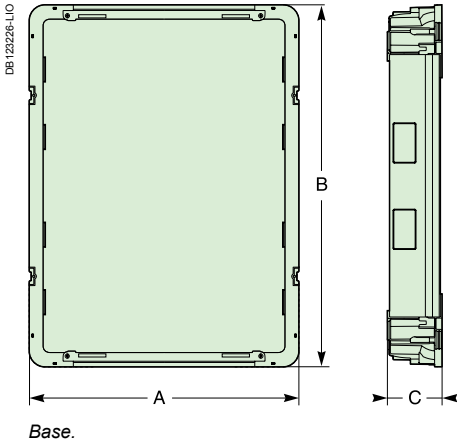


Enclosures	Dimensions (mm)	
	H	W
13 modules	242	195
18 modules	371	295

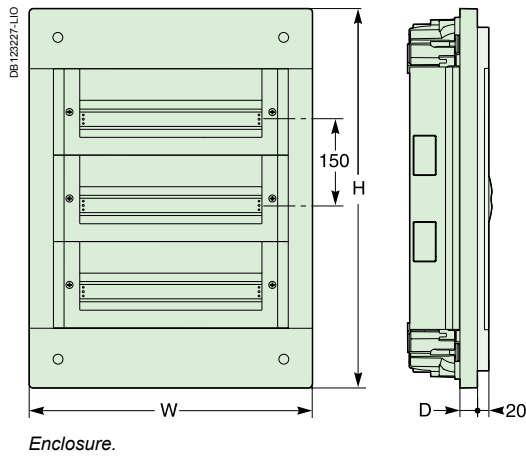
# Dimensions

## Pragma

### Flush mounting enclosures

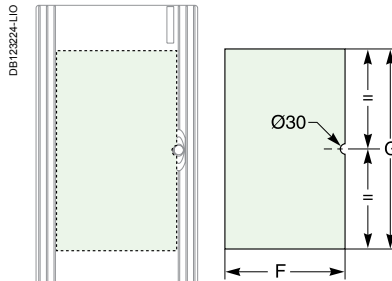


Enclosures		Dimensions (mm)									
		H	W	D	A	B	C	E	F	G	J
13 modules	1 R	360	396	21	366	330	86	67	253	149	
	2 R	510				480					
	3 R	660				630					
	4 R	810				780					
18 modules	1 R	360	486	23	456	330	86	67	343	149	
	2 R	510				480					
	3 R	660				630					
	4 R	810				780					
24 modules	1 R	360	610	30	570	330	95	73			121
	2 R	510				480					271
	3 R	660				630					421
	4 R	810				780					571
	5 R	960				930					721
	6 R	1110				1080					871

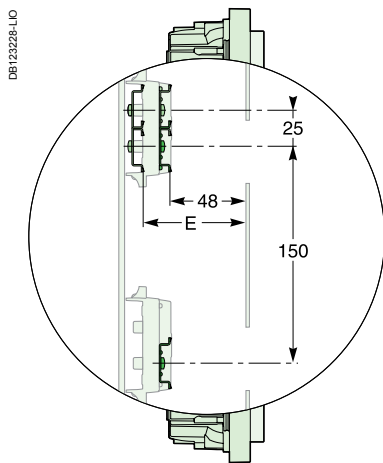
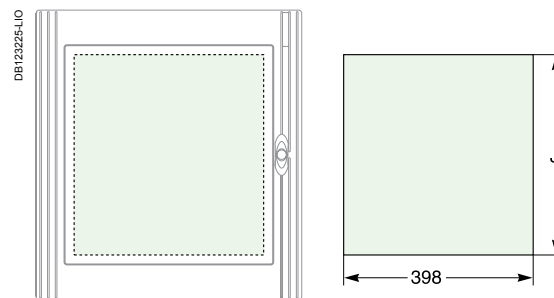


### Panel for customisation of the transparent door

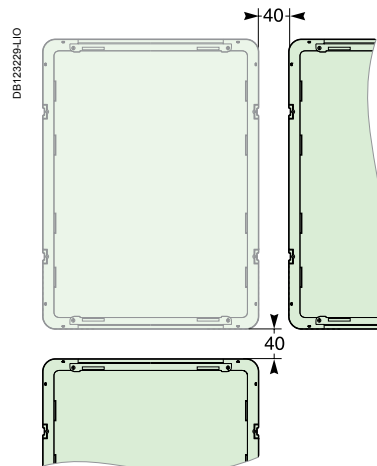
13- and 18-module enclosures



### 24-module enclosures



### Horizontal and vertical association

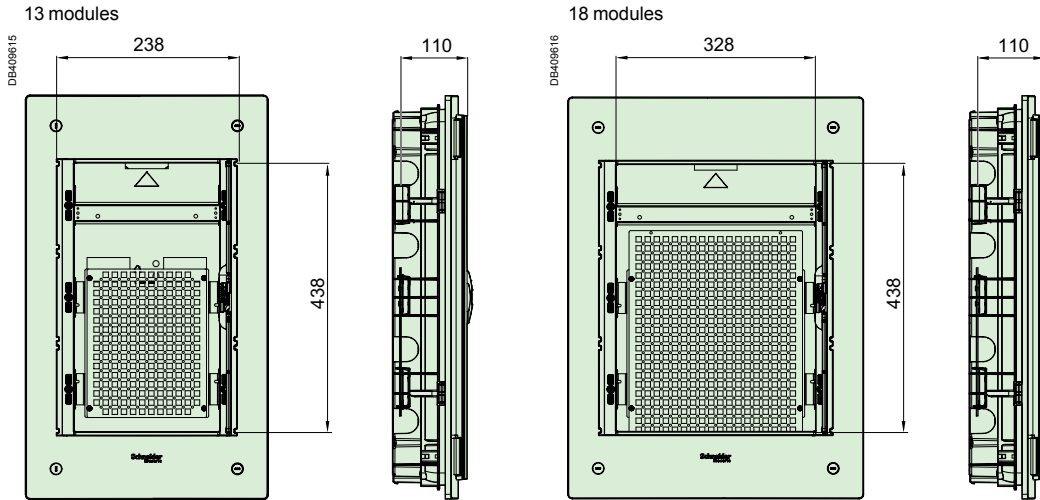


# Dimensions

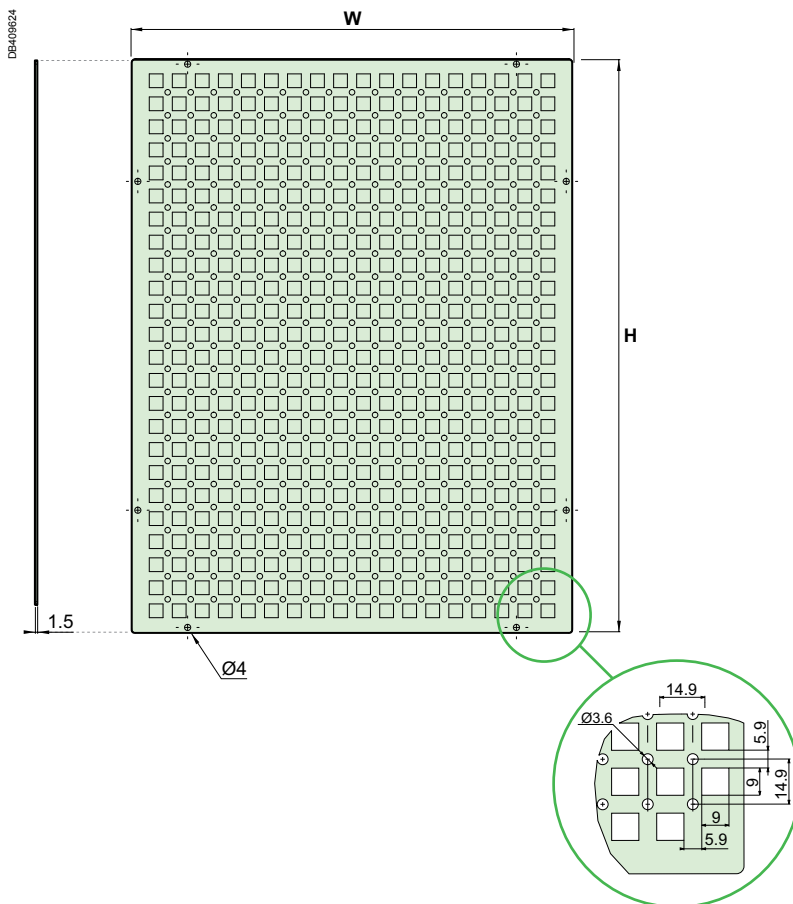
## Pragma

Flush mounting enclosures

Offer: Universal



### Grid



Enclosures	Dimensions (mm)	
	H	W
13 modules	242	195
18 modules	371	295

Flush mounting enclosures

# Resi9 KV



# Presentation

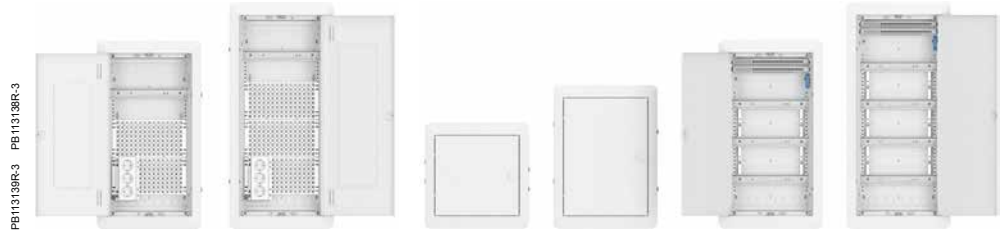
## Resi9 KV

### Flush mounting enclosures

The appearance of this enclosure, its mechanical strength and its level of electrical protection make it a product fully suitable for residential and small service sector needs.

Two choices are possible:

- Offer to compose: this offer can compose the enclosure according to their own preference,
- Offer composed: this offer allows having for a single reference a complete enclosure equipped.



#### A rigid base structure

- The base offers great rigidity for easier integration.

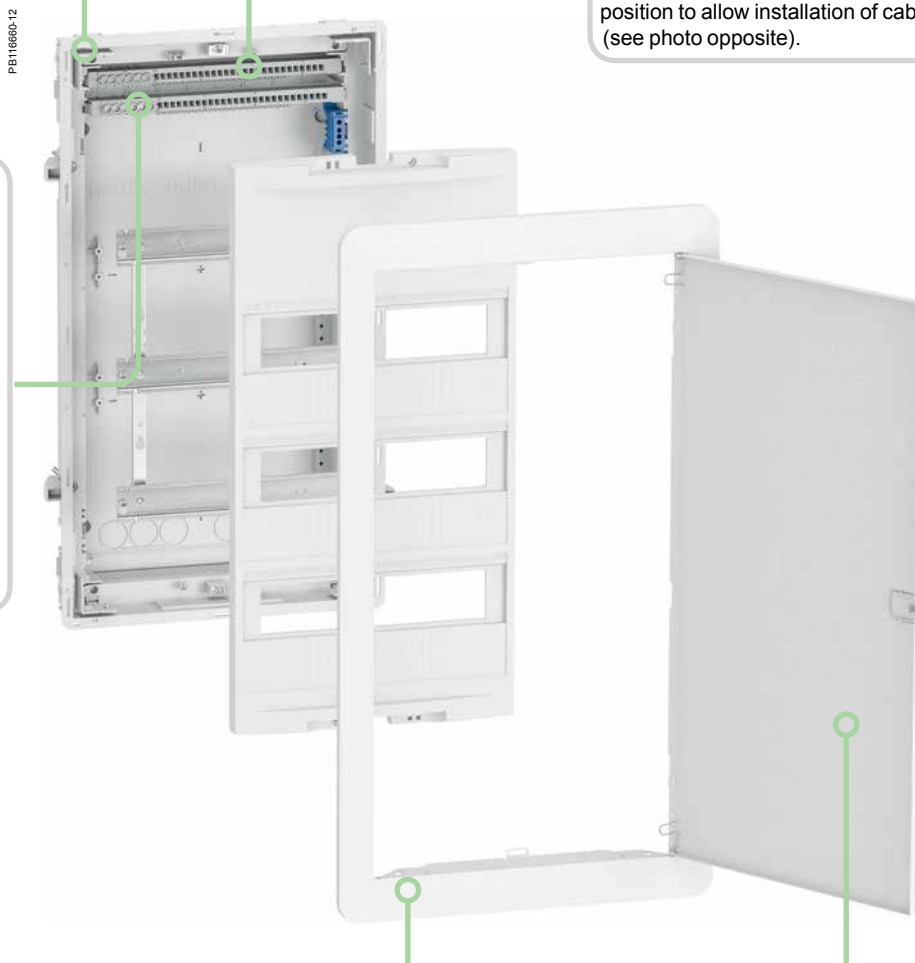
#### Cable entry plates

- Two removable cable entry plates with cuttable flaps allow routing of cables of various diameters and various types of electrical ducting.
- During assembly, it can be placed in standby position to allow installation of cables and tubes (see photo opposite).

#### A terminal block

This neutral/earth terminal block allows optimized cable connection.

- It is attached to the base by snap-on mounting.
- The terminals ensure reliable, permanent connection. They are designed for rigid conductors or flexible conductors with end-piece, from 1.5 to 4 mm<sup>2</sup>.



#### An adjustable, reversible metal frame

- The frame can be adjusted vertically by up to 15 mm to compensate for differences of plaster thickness.

#### An adjustable, reversible metal door

- The flush door, of modern design, is adjustable and easy to dismount, and the hinge can be fitted on the right or the left side.

# Resi9 KV

## Flush mounting enclosures

PB113137-6



PB113139R-5



PB116857-5



PB116859-5



### Function

Resi9 KV is a distribution enclosure for flush mounting on concrete wall or Hollow partition wall. This indoor plastic enclosure with 1 to 4 rows, with a metal door, is designed for the execution of sub-distribution switchboards and multimedia application for residential units and small service sector buildings.

- Stability and ease of installation.
- The top and bottom walls have been designed to allow easy installation of cables.
- Generous wiring spaces at the top and bottom of the enclosure for connection of modular devices.
- Scalable capacity of 12 or 14 modules per row.

### Description

For improved accessibility and possible preparation in workshop, each part of the Resi9 KV enclosure can be dismantled separately: door frame, front plate and chassis.

The base is delivered with an anti-cement protection cardboard box to prevent the cement at the enclosure back from hindering wiring. The cardboard box is provided with openings for the fingers allowing it to be removed easily.

The Resi9 KV enclosure offers large space for wiring:

Connection space (mm)	Number of rows			
	1	2	3	4
Top	130	130	155	155
Bottom	105	105	105	105
On the sides	20	20	20	20

### Technical data

Type	
In conformity with standards	IEC 61439-1 and 3, IEC 60670-1 and 24 and DIN 43871
Enclosure colour	White RAL 9016
Degree of protection	IP30 IK07
Materials	Self-extinguishing plastic for the back and the front plate: resistance to fire and abnormal heat: 650°C or 850°C as per IEC 60695-2-11  Electroplated sheet steel for the door frame and door, lead-free and cadmium-free paint. Multimedia door has holes for air circulation and plastic frame in order to avoid radio interferences
Insulation	Class 2

### Catalogue numbers

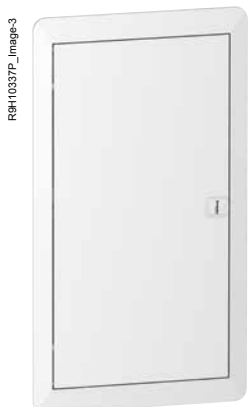
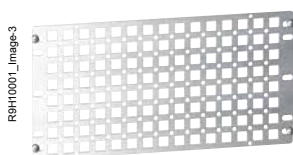
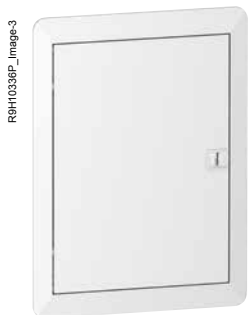
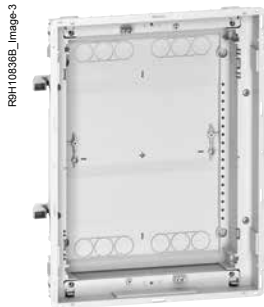
Enclosure with door			
Number of rows	Capacity in 18 mm	GWT650°C	GWT850°C
1	12 + 2 spare	R9H10935	R9H10835
2	24 + 4 spare	R9H10936	R9H10836
3	36 + 6 spare	R9H10937	R9H10837
	Media	-	R9H10977
4	48 + 8 spare	R9H10938	R9H10838
	Media	-	R9H10978

### Composition

Terminal blocks		
Number of rows	Number of pins	Hole diameter
1	17 + 17	2 x (3 x 16 <sup>ø</sup> + 14 x 4 <sup>ø</sup> )
2	17 + 17	2 x (3 x 16 <sup>ø</sup> + 14 x 4 <sup>ø</sup> ) + RCCB
3	27 + 27	2 x (6 x 16 <sup>ø</sup> + 21 x 4 <sup>ø</sup> ) + RCCB
4	27 + 27	2 x (6 x 16 <sup>ø</sup> + 21 x 4 <sup>ø</sup> ) + RCCB

# Resi9 KV

Flush mounting enclosures: offer to compose



## Function

Resi9 KV is a distribution enclosure for flush mounting on concrete wall or Hollow partition wall. This indoor plastic enclosure with 1 to 4 rows, with a metal door, is designed for the execution of sub-distribution switchboards and multimedia application for residential units and small service sector buildings.

- Stability and ease of installation.
- The top and bottom walls have been designed to allow easy installation of cables.
- Generous wiring spaces at the top and bottom of the enclosure for connection of modular devices.
- Scalable capacity of 12 or 14 modules per row.

## Description

For improved accessibility and possible preparation in workshop, each part of the Resi9 KV enclosure can be dismantled separately: door frame, front plate and chassis.

The base is delivered with an anti-cement protection cardboard box to prevent the cement at the enclosure back from hindering wiring. The cardboard box is provided with openings for the fingers allowing it to be removed easily.

The Resi9 KV enclosure offers large space for wiring:

Connection space (mm)	Number of rows			
	1	2	3	4
Top	130	130	155	155
Bottom	105	105	105	105
On the sides	20	20	20	20

## Technical data

Type	
In conformity with standards	IEC 61439-1 and 3, IEC 60670-1 and 24 and DIN 43871
Enclosure colour	White RAL 9016
Degree of protection	IP30 IK07
Materials	Self-extinguishing plastic for the back and the front plate: resistance to fire and abnormal heat: 650°C or 850°C as per IEC 60695-2-11  Electroplated sheet steel for the door frame and door, lead-free and cadmium-free paint. Multimedia door has holes for air circulation and plastic frame in order to avoid radio interferences
Insulation	Class 2

Distribution enclosure					
Number of rows	Capacity in modules	Backpart		Frontal kit + TB	Door
		GWT650	GWT850		
1	12 + 2 spare	R9H10935B	R9H10835B	R9H10035P	R9H10335P
2	24 + 4 spare	R9H10936B	R9H10836B	R9H10036P	R9H10336P
3	36 + 6 spare	R9H10937B	R9H10837B	R9H10037P	R9H10337P
4	48 + 8 spare	R9H10938B	R9H10838B	R9H10038P	R9H10338P

## Media enclosure: offer to compose

Media enclosure					
Number of rows	Backpart		Universal grid (1)	DIN rail	Ventilated door
	GWT650	GWT850			
3	R9H10937B	R9H10837B	R9H10001	R9H10035C	R9H10337V
4	R9H10938B	R9H10838B	R9H10001	R9H10035C	R9H10338V

(1) For the grid, H = 1 row













## Composition

Terminal blocks included in frontal kit		
Number of rows	Number of pins	Hole diameter
1	27	6 x 16 <sup>□</sup> + 21 x 4 <sup>□</sup>
2	27	6 x 16 <sup>□</sup> + 21 x 4 <sup>□</sup>
3	27	6 x 16 <sup>□</sup> + 21 x 4 <sup>□</sup>
4	27	6 x 16 <sup>□</sup> + 21 x 4 <sup>□</sup>

# Resi9 KV

## Flush mounting enclosures

### Enclosures accessories

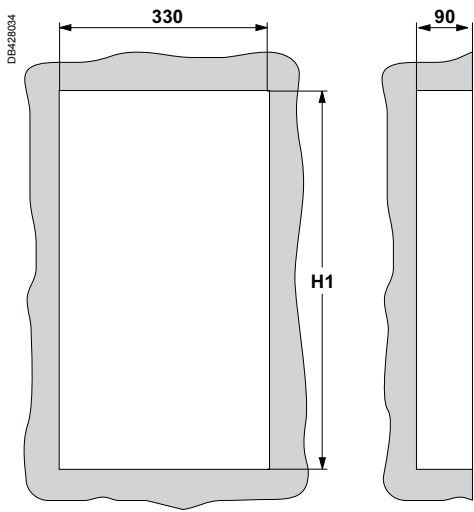
Connection accessories		Cat. no.
<b>Type</b> 34-pin terminal block      2 x (3 x 16 <sup>□</sup> + 14 x 4 <sup>□</sup> ) 	<b>Description</b> This terminal block is attached to the back of the base.	<b>R9H10950</b>
4-pin neutral terminal bloc      (3 x 10 <sup>□</sup> + 1 x 16 <sup>□</sup> ) 	This terminal block, suitable for the use of residual current circuit breakers, is attached to the back of the base.	<b>R9H10955</b>
Installation accessories		Cat. no.
Gypsum plasterboard mounting kit 	These lugs are used to fasten the enclosure in a hollow partition wall.	<b>R9H10960</b>
Mounting lugs 	Allow the enclosure to be fastened directly to the masonry without using cement.	<b>R9H10965</b>
Kit association 	Allow to join the enclosure back part keeping the right distance between frames.	<b>R9H10939</b>
Finishing accessories		Cat. no.
Strip of splittable blanking plates 	These blanking plates are clipped on the front of the front plate without dismounting. They conceal the slots of unused modules.	<b>R9H10945</b>
Lock + key 	This is mounted at the level of the door handle to restrict access to the equipment, without any dismounting or screwing.	<b>R9H10940</b>
FIX Family accessories		Cat. no.
Fix Din 	Allow tool-less a fixing of the DIN Rail. ■ Assembly of 1 DIN rail mounted on 2 Fix Din (237 mm) + earth terminal block ■ Length: 237 mm	<b>VDIR380001</b>
Fix Box 	Allow the tool-less fixing of the active components (Box ADSL, switch, ONT, etc.) ■ 2 Fix box compatible with component thickness from 25 to 85 mm	<b>VDIR380002</b>
Fix Screw 	Allow the tool-less fixing of the components using screws (splitters) ■ 2 Fix screw	<b>VDIR380003</b>
Fix cable 	Allow the cable/patchcord management inside the telecom cabinet ■ 2 Fix cable	<b>VDIR380004</b>
Fix RJ45 	Allow the support of the RJ45 S-ONE connectors equipped with: ■ A thumb wheel for the choice of application ■ 6 pictos sheel for the choice of rooms ■ Blank labels for free identification ■ Earthing automatic clip for maximal security	<b>VDIR380005</b>

# Dimensions

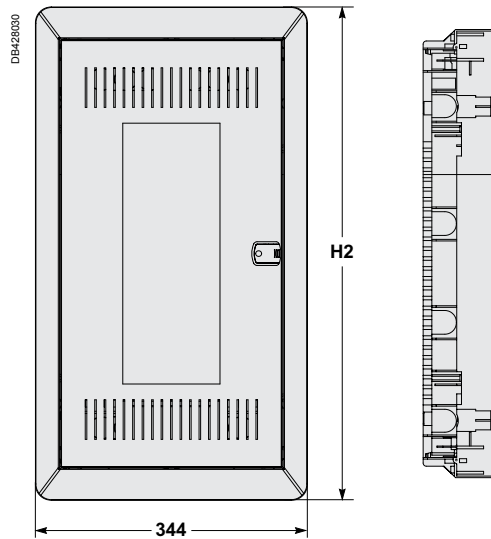
## Resi9 KV

### Flush mounting enclosures

#### Niche dimension

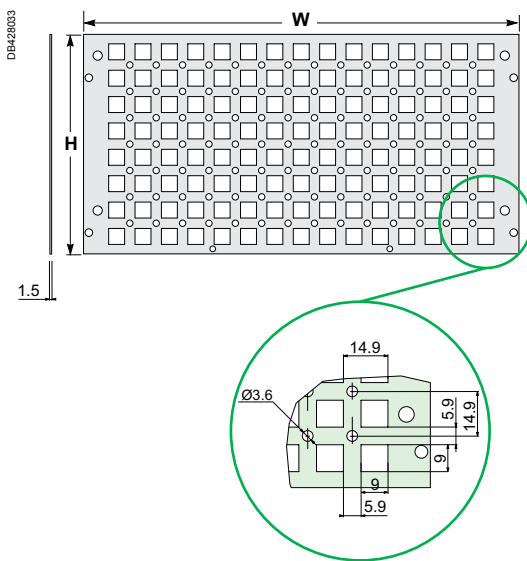


#### Frame dimension

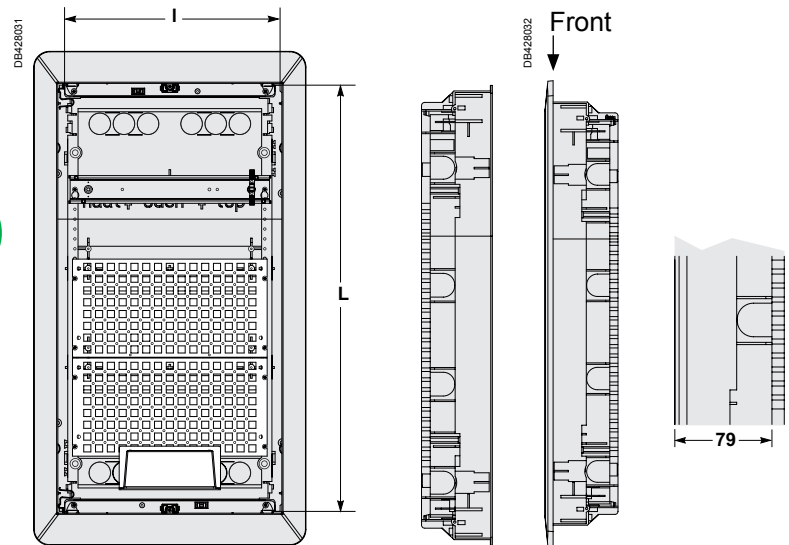


Nber of rows	H1	H2
1	310	349
2	435	474
3	Standard 585	624
	Media 585	624
4	Standard 710	749
	Media 710	749

#### Grid



#### Multimedia



Enclosures	Grid Qty	Grid dim (mm)	
Rows		H	W
3	2	246	124
4	3		

Enclosures	Dimensions (mm)	
Rows	I	L
3	283	543
4	283	668

Waterproof enclosures

# Kaedra



# Technology combined with attractiveness



## Attractiveness

Waterproof enclosures are no longer hidden. The design of the Kaedra enclosures and PK industrial power sockets enables them to fit in perfectly with all environments: service sector, industry, craft industry, etc

## Ease and flexibility of installation

Numerous astute mounting features, great cabling comfort, a single type of opening to receive power sockets, buttons, indicator lamps,... installing Kaedra is really child's play. All the enclosures can be combined horizontally (irrespective of their height) and vertically (if they have the same width).

## Scalability without constraint

The enclosures can be combined very freely, to optimize the construction of your electrical switchboards and upgrade them without any constraints.



## Kaedra and PK, the perfect marriage!

The new design of PK industrial power sockets fits in perfectly with the modern, innovative appearance of Kaedra enclosures.



**DO NOT PRINT**

### Selection table



Enclosures	Modular					
Type	Modular mini enclosures and enclosures		Modular enclosures with interfaces		Interfaces enclosures	
T°	T° 650 C	T° 750 C	T° 650 C	T° 750 C	T° 650 C	T° 750 C
Promotional pages	Module M9MP37EN					
Presentation	Module 93106E					
Function & Technical data without TB	Module 93131E		Module 93132E		Module 93133E	
1 or 2 terminal blocks	Module 93111E	Module 93121E	Module 93112E	Module 93122E	Module 93113E	Module 93123E
2 or 4 terminal blocks	Module 93137E		Module 93139E			
Accessories	Module 93145E					
Dimensions & weights	Module 93147E					

**DO NOT PRINT**



**Power outlets**

**Versatile enclosures**

T° 650 C

T° 750 C

T° 650 C

T° 750 C

**Module 93135E**

DB430209



**Module 93134E**

DB430214



**Module 93124E**

DB430216



**Module 93115E**

DB430205



**Module 93125E**

DB430206



**Module 93114**

DB430215



## Presentation

# Kaedra

## Waterproof enclosures

Kaedra is thus a comprehensive and consistent solution for the installation of all Schneider Electric switchgear, incorporating safety, functionality, ergonomics and attractive design.

### The most comprehensive enclosure range

#### For the production of electrical switchboards incorporating protection, control and distribution

- Modular protection devices
- Power outlets
- Pushbuttons and indicator lights, etc.
- Non-modular switchgear (transformer, motor control, etc.).

#### For tertiary, small contracting and industrial sectors

- For environments requiring optimum protection of persons and electrical switchgear.

#### Ergonomics

- Kaedra switchboards offer remarkable cabling space.
- Both the cable inlet and internal distribution is simplified.
- The transparent doors enable permanent, immediate checking of operating conditions.
- The interface zones offer quick access to power outlets and control devices.
- The functional openings allow rapid installation of all devices directly or using matching plates.
- The frame and all its possibilities guarantee assembly time savings.

#### Attractive design

Their modern, rounded shape, result of in-depth design and ergonomic studies, make the Kaedra switchboards ideal for use even in places visible to the general public. Their innovating colours ensure enhanced integration, while at the same time guaranteeing the basic requirements of visibility and inspection of switchgear.

632300



#### Available in 7 versions from 3 to 72 modules

They allow installation of modular switchgear up to 125 A, as well as non-modular switchgear on slotted mounting plate.

#### Enclosures for modular switchgear with interface

Available in 3 versions of 12, 24 and 36 modules. The interface zone offers the possibility, thanks to the functional plates, of installing on the switchboard front face, control or protection devices, indicator lights and PK series power outlets of the domestic or industrial type. They thus ensure completely safe use.

#### Interface enclosures

Available in 2 versions with 2 or 3 openings. They can be used by themselves, horizontally or vertically, or associated with other enclosures as cable trunking or interface zone (control devices, indicator lights, etc.).

#### Versatile enclosures

Available in 5 sizes. They are designed for production of control and monitoring switchboards with non-modular type devices.

#### Enclosures for power outlets

- **90 x 100 mm openings**  
Available in versions with 1 to 8 openings. They are characterised for the new functional feature with openings allowing installation of all PK power socket outlets or the incorporation of control and indicator light functions.
- **103 x 225 mm openings**  
Available in versions with 1 to 4 openings. They can accommodate the new PK Unika interlockable power outlets
- **Versatile (smooth surface to be drilled)**  
Available in 5 sizes. They allow mounting of flush-mountable power socket outlets up to 125 A.

## Functions and technical data

# Kaedra

## Modular mini enclosures and enclosures

Offer: T 650°C - without terminal block

3 to 12 module mini enclosures.

Add-on 12 to 72 module enclosures.



Kaedra enclosures and mini enclosures for modular switchgear.

## Description

### Enclosure

- Reversible front face for opening of door to the left or right
- Inside depth available for installation of non-modular switchgear between the slotted mounting plate and the plain front plate: 100 mm
- Reversible front plate according to distance between axes of rails (125, 150, 175 mm).

### Mini enclosure

- Clip-on terminal block support
- Back with dovetail to accommodate 4-hole terminal block and wiring strap.

## Technical data

Kaedra switchboards guarantee a high degree of protection and increased dependability.

### Enclosures

In conformity with standards	Empty enclosures	IEC 60670-1 and 24
	Equipped switchboards	IEC 61439-1 and 3
Colour	Light grey RAL 7035 and transparent green door	
Degree of protection	IP	IP65 (as per IEC 60529)
	IK	IK09 (as per IEC 62262)
Insulating	Class 2	

### Additional characteristics

Operating temperature	-25°C to +60°C
Flame and abnormal heat resistance	650°C as per IEC 60695-2-11
Resistance to chemicals and atmospheric agents, UVs	
Optional locking of the door, sealing of the front face and front plates	

## Enclosure catalogue numbers

Technical data				Accessories delivered with an enclosure cat. no <sup>(1)</sup>		Cat. no.
Rows	Total of modules	Dimensions (mm)			Marking kit	
		W	H	D		
<b>Mini-enclosure</b>						
1	3	80	150	98	1	10311
	4	123	200	112	1	10312
	6	159	200	112	1	10313
	8	195	200	112	1	10314
	12	267	200	112	1	10315

(1) Accessories also delivered: class II plugs.

### Enclosures

1	12	340	280	160	1	1	10340
	18	448	280	160	1	1	10341
2	24	340	460	160	2	2	10342
	36	448	460	160	2	2	10343
3	36	340	610	160	3	3	10344
	54	448	610	160	3	3	10345
4	72	448	842	160	4	4	10346

(1) Accessories also delivered: class II plugs and blanking plates (5 modules of 18 mm per row).

# Kaedra

## Modular mini enclosures and enclosures

Offer: T 650°C - 1 or 2 terminal blocks

3 to 12 module mini enclosures.  
Add-on 12 to 72 module enclosures.



Kaedra enclosures and mini enclosures for modular switchgear.

### Description

#### Enclosure

- Reversible front face for opening of door to the left or right
- Inside depth available for installation of non-modular switchgear between the slotted mounting plate and the plain front plate: 100 mm
- Reversible front plate according to distance between axes of rails (125, 150, 175 mm).

#### Mini enclosure

- Clip-on terminal block support
- Back with dovetail to accommodate 4-hole terminal block and wiring strap.

### Technical data

Kaedra switchboards guarantee a high degree of protection and increased dependability.

Enclosures		
In conformity with standards	Empty enclosures	IEC 60670-1 and 24
	Equipped switchboards	IEC 61439-1 and 3
Enclosure colour	Light grey RAL 7035 and transparent green door	
Degree of protection	IP	IP65 (as per IEC 60529)
	IK	IK09 (as per IEC 62262)
Insulating	Class 2	
Additional characteristics		
Operating temperature	-25°C to +60°C	
Flame and abnormal heat resistance:	650°C as per IEC 60695-2-11	
Resistance to chemicals and atmospheric agents, UVs		
Optional locking of the door, sealing of the front face and front plates		

### Enclosure catalogue numbers

Technical data										Accessories with an enclosure cat. no. (2)						Cat. no.		
Row	Total mod.	Pre-cutout (top and bottom) (1)						Dimensions (mm)			Marking kit	Wiring strap	Terminal block support	Terminal block number of holes				
		M	16	20	20	25	32	50	W	H				D	4	8	16	22
<b>Mini-enclosures</b>																		
1	3					1			80	150	98	1						13975
	4		1	1		1			123	200	112	1						13976
	6		1	1		1			159	200	112	1						13977
	8		2	2		1			195	200	112	1						13978
	12		2	2		2	1		267	200	112	1						13979
<b>Enclosures</b>																		
1	12	6		6	2	3			340	280	160	1	1	1	1			13981
	18			10	4	2	1		448	280	160	1	1	1		1		13982
2	24	6		6	2	3			340	460	160	2	2	1			1	13983
	36			10	4	2	1		448	460	160	2	2	1			1	13984
3	36	6		6	2	3			340	610	160	3	3	1			1	13985
	54			10	4	2	1		448	610	160	3	3	2			2	13986
4	72			10	4	2	1		448	842	160	4	4	2			2	13987

(1) Concentric pre-cutouts of the PG and ISO/metric type (EN 50262).

(2) Accessories also delivered:

- mini enclosures: class II plugs
- enclosures: class II plugs and blanking plates (5 modules of 18 mm per row).

### Catalogue numbers of the main accessories (1)

Type	Description	Mini enclosures	Enclosures	Cat. no.
Association kit	2 sleeves + 4 nuts		■	13934
Wall mounting lugs			■	13935
Slotted mounting plate			■	13941
Pain plate	12 modules		■	13944
	18 modules		■	13945
Wiring strap de filerie		■	■	13946
Sealing kit		■	■	13947
Keylock		■	■	13948
Insert	triangle	■	■	13949
	square	■	■	13950

Other accessories available for these enclosures (1):

Row separator, jack-up block, junction for trunking, blanking plate, terminal block support, insulated terminal blocks, IP2 covers, cable support sleeves, cable gland, self-adhesive symbols, self-adhesive sheets.

(1) The complete description of the various accessories is given on module 93145.

## Functions and technical data

# Kaedra

## Modular mini enclosures and enclosures

Offer: T 650°C - 2 or 4 terminal blocks

3 to 12 module mini enclosures.

Add-on 12 to 72 module enclosures.



Kaedra enclosures and mini enclosures for modular switchgear.

## Description

### Enclosure

- Reversible front face for opening of door to the left or right
- Inside depth available for installation of non-modular switchgear between the slotted mounting plate and the plain front plate: 100 mm
- Reversible front plate according to distance between axes of rails (125, 150, 175 mm).

### Mini enclosure

- Clip-on terminal block support
- Back with dovetail to accommodate 4-hole terminal block and wiring strap.

## Technical data

Kaedra switchboards guarantee a high degree of protection and increased dependability.

### Enclosures

In conformity with standards	Empty enclosures	IEC 60670-1 and 24
	Equipped switchboards	IEC 61439-1 and 3
Colour	Light grey RAL 7035 and transparent green door	
Degree of protection	IP	IP65 (as per IEC 60529)
	IK	IK09 (as per IEC 62262)
Insulating	Class 2	

### Additional characteristics

Operating temperature	-25°C to +60°C
Flame and abnormal heat resistance	650°C as per IEC 60695-2-11
Resistance to chemicals and atmospheric agents, UVs	
Optional locking of the door, sealing of the front face and front plates	

## Enclosure catalogue numbers

Technical data										Accessories with an enclosure cat. no. (2)						Cat. no.		
Row	Total mod.	Pre-cutout (top and bottom) (1)						Dimensions (mm)			Marking kit	Wiring strap	Terminal block support	Terminal block number of holes				
	M	PG	16	20	25	32	50	W	H	D				4	8	16	22	32
<b>Mini-enclosures</b>																		
1	4		1	1	1			123	200	112	1		1	2			13441	
	6		1	1	1			159	200	112	1		1	2			13442	
	8		2	2	1			195	200	112	1		1	4			13443	
	12		2	2	2	1		267	200	112	1		1	2			13444	
<b>Enclosures</b>																		
1	12		6		6	2	3	340	280	160	1		1	2			13431	
	18			10	4	2	1	448	280	160	1		1		2		13432	
2	24		6		6	2	3	340	460	160	2		2	1		2	13433	
	36			10	4	2	1	448	460	160	2		2	1		2	13434	
3	36		6		6	2	3	340	610	160	3		3	1		2	13435	
	54			10	4	2	1	448	610	160	3		3	2		4	13436	
4	72			10	4	2	1	448	842	160	4		4	2		4	13437	

(1) Concentric pre-cutouts of the PG and ISO/metric type (EN 50262).

(2) Accessories also delivered:

■ mini enclosures: class II plugs

■ enclosures: class II plugs and blanking plates (5 modules of 18 mm per row).

# Kaedra

## Modular mini enclosures and enclosures

Offer: T 750°C - 1 or 2 terminal blocks

3 to 12 module mini enclosures.  
Add-on 12 to 72 module enclosures.



Kaedra enclosures and mini enclosures for modular switchgear.

### Description

#### Enclosure

- Reversible front face for opening of door to the left or right
- Inside depth available for installation of non-modular switchgear between the slotted mounting plate and the plain front plate: 100 mm
- Reversible front plate according to distance between axes of rails (125, 150, 175 mm).

#### Mini enclosure

- Clip-on terminal block support
- Back with dovetail to accommodate 4-hole terminal block and wiring strap.

### Technical data

Kaedra switchboards guarantee a high degree of protection and increased dependability.

Enclosures		
In conformity with standards	Empty enclosures	IEC 60670-1 and 24
	Equipped switchboards	IEC 61439-1 and 3
Colour	Light grey RAL 7035 and transparent green wicket gate	
Degree of protection	IP	IP65 (as per IEC 60529)
	IK	IK09 (as per IEC 62262)
Insulating	Class 2	
Additional characteristics		
Operating temperature	-25°C to +60°C	
Flame and abnormal heat resistance	750°C conform to regulations for establishments open to the general public and very high buildings	
Resistance to chemicals and atmospheric agents, UVs		
Optional locking of the door, sealing of the front face and front plates		

### Enclosure catalogue numbers

Technical data										Accessories with an enclosure cat. no. (2)					Cat. no.			
Row	Total mod.	Pre-cutout (top and bottom) (1)						Dimensions (mm)			Marking kit	Wiring strap	Terminal block support	Terminal block number of holes				
		M	16	20	25	32	50	W	H	D				4	8	16	22	32
<b>Mini-enclosures</b>																		
1	3					1		80	150	98	1		1			13956		
	4		1	1		1		123	200	112	1		1			13957		
	6		1	1		1		159	200	112	1		1	1		13958		
	8		2	2		1		195	200	112	1		1	1		13959		
	12		2	2		2	1	267	200	112	1		1	1		13960		
<b>Enclosures</b>																		
1	12		6		6	2	3	340	280	160	1	1	1		1	13962		
	18				10	4	2	448	280	160	1	1	1		1	13963		
2	24		6		6	2	3	340	460	160	2	2	1		1	13964		
	36				10	4	2	448	460	160	2	2	1		1	13965		
3	36		6		6	2	3	340	610	160	3	3	1		1	13966		
	54				10	4	2	448	610	160	3	3	2		2	13967		
4	72				10	4	2	448	842	160	4	4	2		2	13968		

(1) Concentric pre-cutouts of the PG and ISO/metric type (EN 50262).

(2) Accessories also delivered:

- mini enclosures: class II plugs
- enclosures: class II plugs and blanking plates (5 modules of 18 mm per row).

### Catalogue numbers of the main accessories (1)

Type	Description	Mini enclosures	Enclosures	Cat. no.
Association kit	2 sleeves + 4 nuts		■	13934
Wall mounting lugs			■	13935
Slotted mounting plate			■	13941
Plain plate	12 modules		■	13944
	18 modules		■	13945
Wiring strap de filerie		■	■	13946
Sealing kit			■	13947
Keylock			■	13948
Insert	Triangle		■	13949
	Square		■	13950

Other accessories available for these enclosures (1):

Row separator, jack-up block, junction for trunking, blanking plate, terminal block support, insulated terminal blocks, IP2 covers, cable support sleeves, cable gland, self-adhesive symbols, self-adhesive sheets.

(1) The complete description of the various accessories is given on module 93145.

## Functions and technical data

# Kaedra

## Modular enclosures with interfaces

Offer: T 650°C - without terminal block

### Enclosures offering:

- an interface zone always available for user and that can accommodate buttons, indicator lights, power outlets or modular switchgear
- a zone, behind the door, to install the modular switchgear.

059448



Kaedra enclosure for modular switchgear with interface.

## Description

- Reversible front face:
  - interface zone to the left or right. It is also an excellent cable duct
  - door opening in either direction
- Inside depth available for installation of non-modular switchgear between the slotted mounting plate and the plain front plate: 100 mm
- In enclosures with 3 or 4 openings, the kit for INS40/63/80 A must be mounted in the central openings.

## Technical data

Kaedra switchboards guarantee a high degree of protection and increased dependability.

### Enclosures

In conformity with standards	Empty enclosures	IEC 60670-1 and 24
	Equipped switchboards	IEC 61439-1 and 3
Colour	Light grey RAL 7035 and transparent green door	
Degree of protection	IP	IP65 (as per IEC 60529)
	IK	IK09 (as per IEC 62262)
Insulating	Class 2	

### Additional characteristics

Operating temperature	-25°C to +60°C
Flame and abnormal heat resistance	650°C as per IEC 60695-2-11
Resistance to chemicals and atmospheric agents, UVs	
Optional locking of the door, sealing of the front face and front plates	

## Enclosure catalogue numbers

Enclosures						Accessories delivered with an enclosure cat. no. <sup>(1)</sup>				Cat. no.
Rows	Total of mod.	Slot for plate	Dimensions (mm)			Marking kit	Wiring strap	Plates for: buttons, indicator lights	65x85 mm power outlets	
			W	H	D			13043	13041	
1	12	1	448	280	160	1	1	1		<b>10350</b>
2	24	3	448	460	160	2	2	3	1	<b>10351</b>
3	36	4	448	610	160	3	3	4	1	<b>10352</b>

<sup>(1)</sup> Accessories also delivered: class II plugs and blanking plates (5 modules of 18 mm per row).



## Functions and technical data

# Kaedra

## Modular enclosures with interfaces

Offer: T 650°C - 2 or 4 terminal blocks

### Enclosures offering:

- an interface zone always available for user and that can accommodate buttons, indicator lights, power outlets or modular switchgear
- a zone, behind the door, to install the modular switchgear.

059448



Kaedra enclosure for modular switchgear with interface.

### Description

- Reversible front face:
  - interface zone to the left or right. It is also an excellent cable duct
  - door opening in either direction
- Inside depth available for installation of non-modular switchgear between the slotted mounting plate and the plain front plate: 100 mm
- In enclosures with 3 or 4 openings, the kit for INS40/63/80 A must be mounted in the central openings.

### Technical data

Kaedra switchboards guarantee a high degree of protection and increased dependability.

#### Enclosures

In conformity with standards	Empty enclosures	IEC 60670-1 and 24
	Equipped switchboards	IEC 61439-1 and 3
Colour	Light grey RAL 7035 and transparent green door	
Degree of protection	IP	IP65 (as per IEC 60529)
	IK	IK09 (as per IEC 62262)
Insulating	Class 2	

#### Additional characteristics

Operating temperature	-25°C to +60°C
Flame and abnormal heat resistance	650°C as per IEC 60695-2-11
Resistance to chemicals and atmospheric agents, UVs	
Optional locking of the door, sealing of the front face and front plates	

### Enclosure catalogue numbers

Technical data										Accessories delivered with an enclosure cat. no. (2)							Cat. no.			
Row	Total mod.	Slot for plate	Pre-cutout (1) (top and bottom)				Dimensions (mm)			Marking kit	Wiring strap	Terminal block support	Terminal block number of hole					Plates for buttons, indicator lights	65 x 85 mm power outlets	
			M	20	25	32	50	W	H				D	4	8	16	22			32
1	12	1	PG	11	16	21	29/36			448	280	160						1	1	
2	24	3		10	4	2	1	448	460	160	2	2	1			2		3	1	13439
3	36	4		10	4	2	1	448	610	160	3	3	1			2	4	1		13440

(1) Concentric pre-cutouts of the PG and ISO/metric type (EN 50262).

(2) Accessories also delivered: class II plugs and blanking plates (5 modules of 18 mm per row).

# Functions and technical data

## Kaedra

### Modular enclosures with interfaces

Offer: T 750°C - 1 or 2 terminal blocks

**Enclosures offering:**

- an interface zone always available for user and that can accommodate buttons, indicator lights, power outlets or modular switchgear
- a zone, behind the door, to install the modular switchgear.

059448



Kaedra enclosure for modular switchgear with interface.

### Description

- Reversible front face:
  - interface zone to the left or right. It is also an excellent cable duct
  - door opening in either direction
- Inside depth available for installation of non-modular switchgear between the slotted mounting plate and the plain front plate: 100 mm
- In enclosures with 3 or 4 openings, the kit for INS40/63/80 A must be mounted in the central openings.

### Technical data

Kaedra switchboards guarantee a high degree of protection and increased dependability.

Enclosures		
In conformity with standards	Empty enclosures	IEC 60670-1 and 24
	Equipped switchboards	IEC 61439-1 and 3
Colour	Light grey RAL 7035 and transparent green door	
Degree of protection	IP	IP65 (as per IEC 60529)
	IK	IK09 (as per IEC 62262)
Insulating	Class 2	
Additional characteristics		
Operating temperature	-25°C to +60°C	
Flame and abnormal heat resistance	750°C conform to regulations for establishments open to the general public and very high buildings	
Resistance to chemicals and atmospheric agents, UVs		
Optional locking of the door, sealing of the front face and front plates		

### Enclosure catalogue numbers

Technical data										Accessories delivered with an enclosure cat. no. <sup>(2)</sup>										Cat. no.	
Row	Total mod.	Slot for plate	Pre-cutout <sup>(1)</sup> (top and bottom)				Dimensions (mm)			Marking kit	Wiring strap	Terminal block support	Terminal block number of hole					Plates for: buttons, indicator lights			65 x 85 mm power outlets
			M	20	25	32	50	W	H	D				4	8	16	22	32	13138	13136	
			PG	11	16	21	29/36														
1	12	1		10	4	2	1	448	280	160	1	1	1					1			<b>13970</b>
2	24	3		10	4	2	1	448	460	160	2	2	1					1	3	1	<b>13971</b>
3	36	4		10	4	2	1	448	610	160	3	3	1					1	4	1	<b>13972</b>

(1) Concentric pre-cutouts of the PG and ISO/metric type (EN 50262).  
 (2) Accessories also delivered: class II plugs and blanking plates (5 modules of 18 mm per row)

# Kaedra

Interfaces enclosures

Offer: T 650°C - without terminal block

Enclosures that can be installed alone,  
but also as an extension of another enclosure

099463



Kaedra interface enclosure.

## Description

- This enclosure can also act as a cable duct
- In enclosures with 3 or 4 openings, the kit for INS40/63/80 A must be mounted in the central openings.

## Technical data

Kaedra switchboards guarantee a high degree of protection and increased dependability.

### Enclosures

In conformity with standards	Empty enclosures	IEC 60670-1 and 24
	Equipped switchboards	IEC 61439-1 and 3
Colour	Light grey RAL 7035	
Degree of protection	IP	IP65 (as per IEC 60529)
	IK	IK09 (as per IEC 62262)
Insulating	Class 2	

### Additional characteristics

Operating temperature	-25°C to +60°C
Flame and abnormal heat resistance	650°C as per IEC 60695-2-11
Resistance to chemicals and atmospheric agents, UVs	
Optional locking of the door, sealing of the front face and front plates	

## Enclosure catalogue numbers

Technical data				Accessories delivered with an enclosure cat. no. <sup>(1)</sup>		Cat. no.
Slots for plates	Dimensions (mm)			Plates for: buttons, indicator lights	65 x 85 mm outlets	
	W	H	D	13043	13041	
3	138	460	160	3	1	10353
4	138	610	160	4	1	10354

<sup>(1)</sup> Accessories also delivered: class II plugs.

# Kaedra

## Interfaces enclosures

Offer: T 650°C - 1 or 2 terminal blocks

Enclosures that can be installed alone, but also as an extension of another enclosure.

059463



Kaedra interface enclosure.

### Description

- This enclosure can also act as a cable duct.
- In enclosures with 3 or 4 openings, the kit for INS40/63/80 A must be mounted in the central openings.

### Technical data

Kaedra switchboards guarantee a high degree of protection and increased dependability.

Enclosures		
In conformity with standards	Empty enclosures	IEC 60670-1 and 24
	Equipped switchboards	IEC 61439-1 and 3
Colour	Light grey RAL 7035	
Degree of protection	IP	IP65 (as per IEC 60529)
	IK	IK09 (as per IEC 62262)
Insulating	Class 2	

Additional characteristics	
Operating temperature	-25°C to +60°C
Flame and abnormal heat resistance	650°C as per IEC 60695-2-11
Resistance to chemicals and atmospheric agents, UVs	
Optional locking of the door, sealing of the front face and front plates	

### Enclosure catalogue numbers

Technical data							Accessories delivered with an enclosure cat. no. <sup>(2)</sup>		Cat. no	
Nb of op.	Dimensions (mm)			Pre-cutout (top and bottom) <sup>(1)</sup>			Plates for: buttons, indicator lights	65 x 85 mm outlets		
	W	H	D	M	20	25				32
				PG	11	16	21	13138	13136	
3	138	460	160		1	1	1	3	1	13993
4	138	610	160		1	1	1	4	1	13994

(1) Concentric pre-cutouts of the PG and ISO/metric type (EN 50262).

(2) Accessories also delivered: class II plugs.

## Functions and technical data

# Kaedra

## Interfaces enclosures

Offer: T 750°C - 1 or 2 terminal blocks

Enclosures that can be installed alone,  
but also as an extension of another enclosure.



Kaedra interface enclosure.

### Description

- This enclosure can also act as a cable duct.
- In enclosures with 3 or 4 openings, the kit for INS40/63/80 A must be mounted in the central openings.

### Technical data

Kaedra switchboards guarantee a high degree of protection and increased dependability.

#### Enclosures

In conformity with standards	Empty enclosures	IEC 60670-1 and 24
	Equipped switchboards	IEC 61439-1 and 3
Colour	Light grey RAL 7035 and transparent green door	
Degree of protection	IP	IP65 (as per IEC 60529)
	IK	IK09 (as per IEC 62262)
Insulating	Class 2	

#### Additional characteristics

Operating temperature	-25°C to +60°C
Flame and abnormal heat resistance	750°C, conform to regulations for establishments open to the general public and very high buildings
Resistance to chemicals and atmospheric agents, UVs	
Optional locking of the door, sealing of the front face and front plates	

### Enclosure catalogue numbers

Technical data						Accessories delivered with an enclosure cat. no. (2)		Cat. no		
Nb of op.	Dimensions (mm)			Pre-cutout (top and bottom) (1)			Plates for: buttons, indicator lights	65 x 85 mm outlets		
	W	H	D	M	20	25				32
				PG	11	16	21	13138	13136	
3	138	460	160		1	1	1	3	1	13973
4	138	610	160		1	1	1	4	1	13974

(1) Concentric pre-cutouts of the PG and ISO/metric type (EN 50262).

(2) Accessories also delivered: class II plugs.

# Kaedra

## Versatile enclosures

Offer: T 650°C - without terminal block

The opaque door versatile enclosure provides a zone to install non-modular switchgear.

The versatile enclosure for power outlets provides a row for modular switchgear and a universal zone.



Versatile Kaedra enclosure.

### Description

#### Opaque door versatile enclosure

- Delivered with a slotted mounting plate mounted at the back
- Available depth for installation of non-modular switchgear on mounting plate: 130 mm
- Reversible front face to change door opening direction.

### Technical data

Kaedra switchboards guarantee a high degree of protection and increased dependability.

#### Enclosures

In conformity with standards	Empty enclosures	IEC 60670-1 and 24
	Equipped switchboards	IEC 61439-1 and 3
Colour	Light grey RAL 7035	
Degree of protection	IP	IP65 (as per IEC 60529)
	IK	IK09 (as per IEC 62262)
Insulating	Class 2	

#### Additional characteristics

Operating temperature	-25°C to +60°C
Flame and abnormal heat resistance	650°C as per IEC 60695-2-11
Resistance to chemicals and atmospheric agents, UVs	
Optional locking of the door, sealing of the front face and front plates	

Note: versatile enclosures for power outlets can accommodate power outlets up to 125 A.

### Enclosure catalogue numbers

Opaque door versatile enclosures			Cat. no. <sup>(1)</sup>	
Dimensions (mm)			Number of modules	
W	H	D		
340	460	160	5	10380
	610	160		10381
448	460	160	8	10382
	610	160		10383
	842	160		10384

(1) Accessories also delivered: class II plugs, mounting plate.

Versatile enclosures for power outlets			Cat. no. <sup>(1)</sup>	
Dimensions (mm)			Number of modules	
W	H	D		
138	460	160	5	10374
236	460	160	8	10375
340	335	160	12 + 1	10376
	460	160	12 + 1	10377
448	460	160	18 + 1	10378

(1) Accessories also delivered: class II plugs, blanking plates (5 modules of 18 mm) and marking kit.

# Functions and technical data

## Kaedra

### Versatile enclosures

Offer: T 650°C - 1 or 2 terminal blocks

The opaque door versatile enclosure provides a zone to install non-modular switchgear.

The versatile enclosure for power outlets provides a row for modular switchgear and a universal zone.



Versatile Kaedra enclosure.

## Description

### Opaque door versatile enclosure

- Delivered with a slotted mounting plate mounted at the back
- Available depth for installation of non-modular switchgear on mounting plate: 130 mm
- Reversible front face to change door opening direction.

## Technical data

Kaedra switchboards guarantee a high degree of protection and increased dependability.

### Enclosures

In conformity with standards	Empty enclosures	IEC 60670-1 and 24
	Equipped switchboards	IEC 61439-1 and 3
Colour	Light grey RAL 7035	
Degree of protection	IP	IP65 (as per IEC 60529)
	IK	IK09 (as per IEC 62262)
Insulating	Class 2	

### Additional characteristics

Operating temperature	-25°C to +60°C
Flame and abnormal heat resistance	650°C as per IEC 60695-2-11
Resistance to chemicals and atmospheric agents, UVs	
Optional locking of the door, sealing of the front face and front plates	

Note: versatile enclosures for power outlets can accommodate power outlets up to 125 A.

## Enclosure catalogue numbers

Dimensions (mm)			Number of modules	Pre-cutout (top and bottom) <sup>(1)</sup>					Cat. no. <sup>(2)</sup>	
W	H	D		M	16	20	25	32		50
				PG		11	16	21	29/36	
<b>Opaque door versatile enclosures</b>										
340	460	160			6	6	2	3		<b>13195</b>
	610	160			6	6	2	3		<b>13196</b>
448	460	160				10	4	2	1	<b>13197</b>
	610	160				10	4	2	1	<b>13198</b>
	842	160				10	4	2	1	<b>13199</b>
<b>Versatile enclosure for power outlets</b>										
138	460	160	5			1	1	1		<b>13189</b>
236	460	160	8			2	2	3		<b>13190</b>
340	335	160	12+1		6	6	2	3		<b>13191</b>
	460	160	12+1		6	6	2	3		<b>13192</b>
448	460	160	18+1			10	4	2	1	<b>13193</b>

(1) Concentric pre-cutouts of the PG and ISO/metric type (EN 50262).

(2) Accessories also delivered:

- opaque door versatile enclosures: class II plugs, mounting plate
- versatile enclosures for power outlets: class II plugs, blanking plates (5 modules of 18 mm) and marking kit.

# Kaedra

## Versatile enclosures

Offer: T 750°C - 1 or 2 terminal blocks

The opaque door versatile enclosure provides a zone to install non-modular switchgear.

The versatile enclosure for power outlets provides a row for modular switchgear and a universal zone.



Versatile Kaedra enclosure

### Description

#### Opaque door versatile enclosure

- Delivered with a slotted mounting plate mounted at the back
- Available depth for installation of non-modular switchgear on mounting plate: 130 mm
- Reversible front face to change door opening direction.

### Technical data

Kaedra switchboards guarantee a high degree of protection and increased dependability.

Enclosures		
In conformity with standards	Empty enclosures	IEC 60670-1 and 24
	Equipped switchboards	IEC 61439-1 and 3
Colour	Light grey Light grey RAL 7035 7035	
Degree of protection	IP	IP65 (as per IEC 60529)
	IK	IK09 (as per IEC 62262)
Insulating	Class 2	
Additional characteristics		
Operating temperature	-25°C to +60°C	
Flame and abnormal heat resistance	750°C, conform to regulations for establishments open to the general public and very high buildings	
Resistance to chemicals and atmospheric agents, UVs		
Optional locking of the door, sealing of the front face and front plates		

### Enclosure catalogue numbers

Dimensions (mm)			Number of modules	Pre-cutout (top and bottom) <sup>(1)</sup>					Cat. no. <sup>(2)</sup>	
W	H	D		M	16	20	25	32		50
				PG	11	16	21	29/36		
Opaque door versatile enclosures										
340	460	160			6	6	2	3	13170	
	610	160			6	6	2	3	13171	
448	460	160				10	4	2	1	13172
	610	160				10	4	2	1	13173
	842	160				10	4	2	1	13174
Versatile enclosure for power outlets										
138	460	160	5			1	1	1	13164	
236	460	160	8			2	2	3	13165	
340	335	160	12+1		6	6	2	3	13166	
	460	160	12+1		6	6	2	3	13167	
448	460	160	18+1			10	4	2	1	13168

(1) Concentric pre-cutouts of the PG and ISO/metric type (EN 50262).

(2) Accessories also delivered:

- opaque door versatile enclosures: class II plugs, mounting plate
- versatile enclosures for power outlets: class II plugs, blanking plates (5 modules of 18 mm) and marking kit.

# Kaedra

## Enclosures for power outlets

Offer: T 650°C - without terminal block

### Enclosures offering:

- a zone for industrial or domestic power outlets, buttons or indicator lights
- a row for modular switchgear protecting power outlets.



Enclosure and mini enclosure for power outlets.

### Technical data

Kaedra switchboards guarantee a high degree of protection and increased dependability.

Enclosures		
In conformity with standards	Empty enclosures	IEC 60670-1 and 24
	Equipped switchboards	IEC 61439-1 and 3
Colour	Light grey RAL 7035 and transparent green wicket gate	
Degree of protection	IP	IP65 (as per IEC 60529)
	IK	IK09 (as per IEC 62262)
Insulating	Class 2	
Additional characteristics		
Operating temperature	-25°C to +60°C	
Flame and abnormal heat resistance	650°C as per IEC 60695-2-11	
Resistance to chemicals and atmospheric agents, UVs		
Optional locking of the door, sealing of the front face and front plates		

### Enclosure catalogue numbers

Technical data				Accessories delivered with an enclosure cat. no. <sup>(1)</sup>				Cat. no.		
Total mod.	Open	Dimensions (mm)			Wiring strap	Plates cat. no.				
		W	H	D		13040	13041	13042	13048	
<b>Mini enclosures for power outlets (65 x 85 mm openings)</b>										
4	1	98	248	98.5						10360
	2	98	310	98.5		1				10361
	3	98	392	98.5		1				10362
<b>Enclosures for power outlets (90 x 100 mm openings)</b>										
5	2	138	460	160			2	1		10363
8	4	236	460	160	2		4	1		10364
12+1	3	340	335	160	2		3	1		10365
	6	340	460	160	2		6	2		10366
18+1	8	448	460	160	2		8	2		10367
<b>Enclosures for interlocked power outlets (103 x 225 mm openings)</b>										
5	1	138	460	160						10370
8	2	236	460	160	2				1	10371
12+1	3	340	460	160	2				1	10372
18+1	4	448	460	160	2				1	10373

(1) Accessories also delivered: class II plugs.

# Kaedra

## Enclosures for power outlets

Offer: T 650°C - 1 or 2 terminal blocks

**Enclosures offering:**

- a zone for industrial or domestic power outlets, buttons or indicator lights
- a row for modular switchgear protecting power outlets.



Enclosure and mini enclosure for power outlets.

### Technical data

Kaedra switchboards guarantee a high degree of protection and increased dependability.

Enclosures		
In conformity with standards	Empty enclosures	IEC 60670-1 and 24
	Equipped switchboards	IEC 61439-1 and 3
Colour	Light grey RAL 7035 and transparent green wicket gate	
Degree of protection	IP	IP65 (as per IEC 60529)
	IK	IK09 (as per IEC 62262)
Insulating	Class 2	
Additional characteristics		
Operating temperature	-25°C to +60°C	
Flame and abnormal heat resistance	650°C as per IEC 60695-2-11	
Resistance to chemicals and atmospheric agents, UVs		
Optional locking of the door, sealing of the front face and front plates		

### Enclosure catalogue numbers

Technical data										Accessories delivered with an enclosure cat. no. (2)					Cat. no.	
Total mod.	Open	Pre-cutout (top and bottom) (1)					Dimensions (mm)			Wiring strap	Plates cat. no.:					
		M	16	20	25	32	50	W	H		D	13135	13136	13138	13143	
<b>Mini enclosures for power outlets (65 x 85 mm openings)</b>																
4	1				1			98	248	98.5						13175
	2				1			98	310	98.5		1				13176
	3				1			98	392	98.5		1				13177
<b>Enclosures for power outlets (90 x 100 mm openings)</b>																
5	2		1	1	1			138	460	160			2	1		13178
8	4		2	2	3			236	460	160	2		4	1		13179
12+1	3		6	6	2	3		340	335	160	2		3	1		13180
	6		6	6	2	3		340	460	160	2		6	2		13181
18+1	8		10	4	2	1		448	460	160	2		8	2		13182
<b>Enclosures for interlocked power outlets (103 x 225 mm openings)</b>																
5	1		1	1	1			138	460	160						13185
8	2		2	2	3			236	460	160	2				1	13186
12+1	3		6	6	2	3		340	460	160	2			1		13187
18+1	4		10	4	2	1		448	460	160	2			1		13188

(1) Concentric pre-cutouts of the PG and ISO/metric type (EN 50262).

(2) Accessories also delivered:

- mini enclosures: class II plugs
- enclosures: class II plugs, blanking plates (5 modules of 18 mm per row) and a marking kit.

Note: flush-mounted power outlets, see 93145.

# Functions and technical data

## Kaedra

### Enclosures for power outlets

Offer: T 750°C - 1 or 2 terminal blocks

#### Enclosures offering:

- a zone for industrial or domestic power outlets, buttons or indicator lights.
- a row for modular switchgear protecting power outlets.



Enclosure and mini enclosure for power outlets.

### Technical data

Kaedra switchboards guarantee a high degree of protection and increased dependability.

#### Enclosures

In conformity with standards	Empty enclosures	IEC 60670-1 and 24
	Equipped switchboards	IEC 61439-1 and 3
Colour	Light grey RAL 7035 and transparent green wicket gate	
Degree of protection	IP	IP65 (as per IEC 60529)
	IK	IK09 (as per IEC 62262)
Insulating	Class 2	

#### Additional characteristics

Operating temperature	-25°C to +60°C
Flame and abnormal heat resistance	750°C conform to regulations for establishments open to the general public and very high buildings
Resistance to chemicals and atmospheric agents, UVs	
Optional locking of the door, sealing of the front face and front plates	

### Enclosure catalogue numbers

Technical data							Accessories delivered with an enclosure cat. no. <sup>(2)</sup>							Cat. no.				
Total mod.	Open	Pre-cutout (top and bottom) <sup>(1)</sup>					Dimensions (mm)			Wiring strap	Terminal block support	Terminal block number of holes			Plates cat. no.			
		M	16	20	25	32	50	W	H			D	4	8	16	13135	13136	13138
<b>Mini enclosures for power outlets (65 x 85 mm openings)</b>																		
4	1			1			98	248	98.5				1					13150
	2			1			98	310	98.5				1					13151
					1			98	392	98.5				1				
<b>Enclosures for power outlets (90 x 100 mm openings)</b>																		
5	2		1	1	1		138	460	160				1			2	1	13153
8	4		2	2	3		236	460	160	2			1	1		4	1	13154
12+1	3		6	6	2	3		340	335	160	2			1		3	1	13155
	6		6	6	2	3		340	460	160	2			1		6	2	13156
18+1	8		10	4	2		448	460	160	2			1		8	2		13157
<b>Enclosures for interlocked power outlets (103 x 225 mm openings)</b>																		
5	1		1	1	1		138	460	160				1	1				13160
8	2		2	2	3		236	460	160	2			1	1			1	13161
12+1	3		6	6	2	3		340	460	160	2			1	1			13162
18+1	4		10	4	2	1	448	460	160	2			1	1			1	13163

(1) Concentric pre-cutouts of the PG and ISO/metric type (EN 50262).

(2) Accessories also delivered:

- mini enclosures: class II plugs
- enclosures: class II plugs, blanking plates (5 modules of 18 mm per row) and a marking kit.

Note: Flush-mounted power outlets, see page 93145.

# Kaedra

## Waterproof enclosures



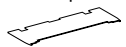



### Catalogue numbers



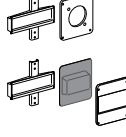

Name	Description	Use										Cat. no.
		Mini enclosures		Enclosures								
<b>For enclosure implementation</b>												
Association kit	2 sleeves + 4 nuts + 4 joints											13934
Wall mounting lugs (set of 4)												13935
Row separator	12 modules wide											13936
	18 modules wide											13937
Jack-up block												13938
Junction for trunking	Enclosure 340 mm wide											13939
	Enclosure 448 mm wide											13929
Blanking plate (set of 10 x 5 modules)												13940
<b>For switchgear implementation</b>												
Plate for 85 x 65 slot for 50 x 50 power outlets												13135
Plate for 90 x 100 slot for 65 x 85 power outlets												13136
	65 x 65 and 75 x 75 power outlets											13137
	ø 16 and 22 mm pushbutton controls											13138
	Blanking and identification											13141
Kit for 90 x 100 slot for INS40/63/80 A												13139
	Residual current circuit-breakers											13140
Plate for 103 x 225 slot for One 85 x 65 + one 90 x 100 slot												13142
	Blanking (blank to be slotted) (for 65 x 65 or 75 x 75 mm power outlet)											13143
	63 A LV power outlet (100 x 107 mm)											13144
Front plate	Plain											13944
	12 modules											13945
	18 modules											13941
Slotted plate	150 x 250 mm											13941
<b>For electrical connection</b>												
Terminal blocks kit	5 x 4 holes (2 blue, 3 black)											13445
	2 black covers											
	2 green covers											
Terminal blocks kit	1 x 8 holes (blue)											13446
	1 green cover											
	1 support for 8 back mounting											
Terminal blocks kit	1 x 8 holes (blue)											13448
	1 green cover											
	1 support for 12 back mounting											
Terminal blocks kit	1 x 32 holes (blue)											13450
	1 green cover											
	1 support for 18 back mounting											
Terminal block support for mini enclosure	4 modules											13361
	6 modules											13362
	8 modules											13363
	12 modules											13364
Terminal block support for mounting on chassis	12 modules											13599
	18 modules											13595
Cable support sleeves	Varied diameter bag											14190
Cable gland	PG11											83992
	PG13.5											83993
	PG16											83994
	PG21											83995
	PG29											83996
	PG36											83997
Wiring strap (set of 5)												13946
<b>For marking</b>												
Self-adhesive symbols	Standard											13735
	Special											13736
Self-adhesive sheets for SImarker printing												13260
<b>For enclosure protection</b>												
Sealing kit												13947
Keylock												13948
Insert	Triangle											13949
	Square											13950
<b>For enclosure maintenance</b>												
Front plate	12 modules											10200
	18 modules											10209
Chassis 1 row	12 modules											10210
	18 modules											10220

# Kaedra

## Waterproof enclosures

### Description










For enclosure implementation		Cat. no.	
Type	Description		
 Association kit E88345	Used for horizontal or vertical association of two enclosures with one another while preserving IP65	13934	
 Wall mounting lugs E88346	Used to fix the enclosure to the wall without using holes in the back of the enclosure	13935	
 Row separator E88347	Used to create IP2 insulated zones. For example: separate strong and weak current zones	13936	
 Jack-up block E88348	Used to detach the enclosure from the wall in order to route cables behind the enclosure (2 lengths of 1 metre to be cut)	13938	
 Plain front plate E88355	Used to hide a zone without modular switchgear		
		12 modules 18 modules	13944 13945
 Blanking plate E88350	Clipped onto the front plates to conceal slots with no devices	13940	
Junction for trunking	Allows tidy incoming of cables in a trunking	Enclosure 340 mm wide	13939
		Enclosure 448 mm wide	13929



For switchgear implementation		Cat. no.
Type	Description	
 Functional plates for 90x100 mm slot E88351 E88352 E85165 E88843	Adaptation (screwed-on) for 65 x 85 mm power outlets	13136
	Blanking or adaptation (screwed on) for 65 x 65 mm or 75 x 75 mm power outlets (slot to be punched out)	13137
	Blanking or adaptation (clipped on) for buttons, indicator lights and switches of diameters 16 and 22 mm (1 central slot or 2 side by side to punch out).	13138
	Blanking for identification (clipped on)	13141
 Functional plates for 103 x 225 mm slot E88354 E88820 E88819	Adaptation (screwed on) with 2 openings: 65 x 85 mm and 90 x 100 mm	13142
	Blanking or adaptation (screwed on) offering 1 slot for 65 x 65 mm or 75 x 75 mm power outlets (to be punched out) and a versatile zone	13143
	Adaptation (screwed in) for 63 A 100 x 107 mm LV power outlet	13144
 Interface kit for 90 x 100 mm slot for E88353 E88844	INS40 to 80 A (chassis + plate)	e.g. residual current circuit breaker (chassis + plate + membrane)
	Modular switchgear up to 4 modules	
 Slotted plate (150 x 250 mm) E88356	Screwed onto the back of the enclosure, used to fix non-modular devices	13941

# Kaedra

## Waterproof enclosures




### Description (cont.)

For electrical connection		Cat. no.
Type	Description	Inclined version
Terminal block support  	Flat iron (12 x 2 mm), 2 versions: screwed onto the pins or onto the chassis <b>Terminal block support for mini enclosure</b>	
	4 modules	<b>13361</b>
	6 modules	<b>13362</b>
	8 modules	<b>13363</b>
	12 modules	<b>13364</b>
	<b>Terminal block support for enclosure</b> On chassis	
	8 modules	- <b>13925</b>
	12 modules	<b>13599</b> <b>13597</b>
	18 modules	<b>13595</b> <b>13598</b>
Set of insulated terminal blocks with IP42 covers    	<b>4 holes: clipped onto the terminal block supports, fixed onto walls by dovetails</b> 5 x 4 holes (2 blue, 3 black) 2 black covers 2 green covers	<b>13445</b>
	<b>8 holes: clipped onto the terminal block supports, clipped onto DIN symmetrical rail, screwed onto the back</b> 1 x 8 holes (blue) 1 green cover 1 support for 8 back mounting	<b>13446</b>
	1 x 8 holes (blue) 1 green cover 1 support for 12 back mounting	<b>13448</b>
	<b>32 holes: clipped onto the terminal block supports</b> 1 x 32 holes (blue) 1 green cover 1 support for 18 back mounting	<b>13450</b>
Wiring strap 	Used to guide cables along walls for simplified cabling (set of 5)	<b>13946</b>
Cable support sleeves 	Used for incoming flexible cables	<b>14190</b>
Cable glands 	Used for cable and tube incoming, guaranteeing tightness and mechanical withstand	
	PG11	<b>83992</b>
	PG13.5	<b>83993</b>
	PG16	<b>83994</b>
	PG21	<b>83995</b>
	PG29	<b>83996</b>
	PG36	<b>83997</b>

For identification		Cat. no.
Type	Description	
Self-adhesive symbols 	Allows identification of feeders by symbols Currents: loads (power outlet, lighting, convector, etc.), places (bedroom, bathroom, etc.)	<b>13735</b>
	Special: loads (surge arrester, gate, swimming pool, etc.), places (technical room, computer room, etc.)	<b>13736</b>
Self-adhesive sheets for SISmarker printing 	Allows printing of customised labels using the SISmarker software	<b>13260</b>

# Kaedra

## Waterproof enclosures

For enclosure protection		Cat. no.
Type	Description	
 E88396 Sealing kit	Used to seal the front face on the back (2 screws) and the front plates on the front face (4 kits)	13947
 E88367 Keylock	Eurolocks combination no. 850. Installed in the door.	13948
 E88368 Insert	Installed in the door (male square or triangle, female key supplied)	
	Triangle	13949
	Square	13950

For enclosure maintenance		Cat. no.
Type	Description	
Front plate		10200
		10209
Chassis 1 row	Can be combined to obtain a multi row chassis	10210
		10220

# Kaedra

## Waterproof enclosures

### Pre-cutouts

The new European standard EN 50262 generalises metric dimensions for cable glands.

To simplify the transition, the entire Kaedra range is equipped with pre-cutouts both in ISO/metric standardisation and in PG standardisation. Each pre-cutout is marked:

■ simple pre-cutout adapted to the metric cable gland:



■ double pre-cutout:

□ external: pre-cutout adapted to the metric cable gland/ISO

□ internal: pre-cutout adapted to the PG cable gland.



### Cable glands

Type of pre-cutout	For cables of diameter (mm)
M16	4 - 8
M20	6 - 12
M25	12 - 18
M32	18 - 25
M50	30 - 38
PG11	5 - 10
PG16	10 - 14
PG21	14 - 17
PG29	19 - 26
PG36	22 - 32

### Associations

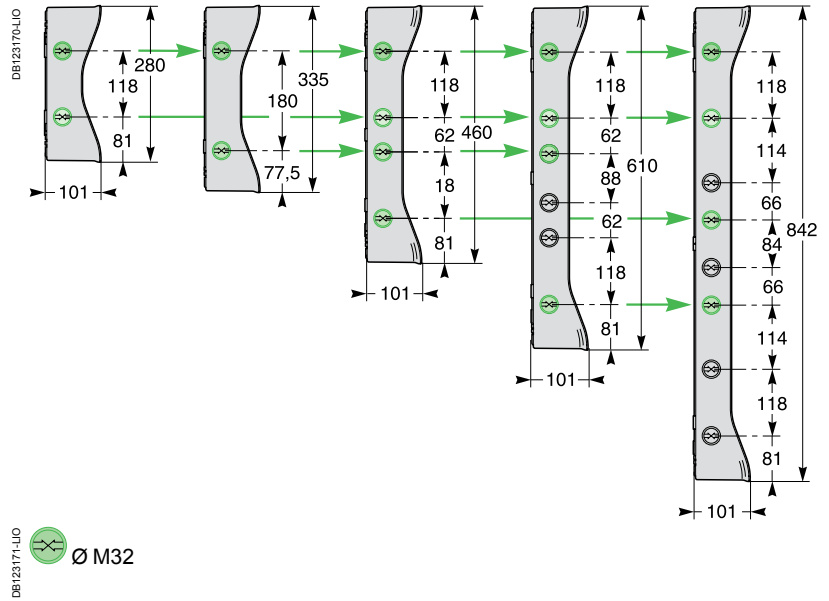
The enclosures can be associated:

■ horizontally, regardless of their height (see diagram below)

■ vertically, if their width is identical.

Use the association kit, cat. no. 13934 (2 sleeves + 4 nuts + 4 seals) in the M32 pre-cutouts marked with a double arrow.

Insertion of cables between the enclosures is possible, while preserving the degree of protection IP65.

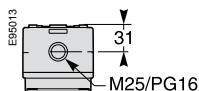
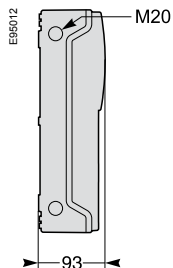
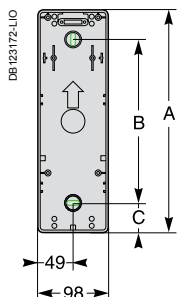


# Kaedra

## Waterproof enclosures

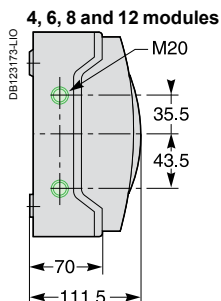
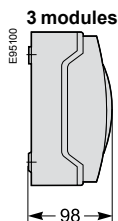
### Mini enclosures

#### Power outlets

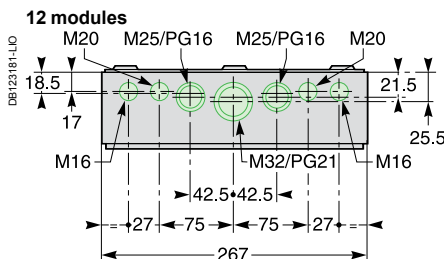
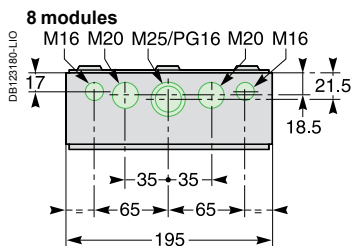
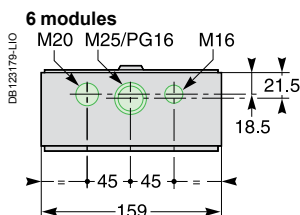
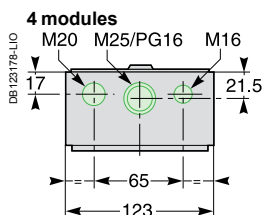
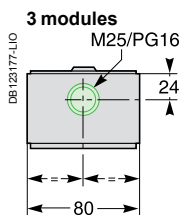
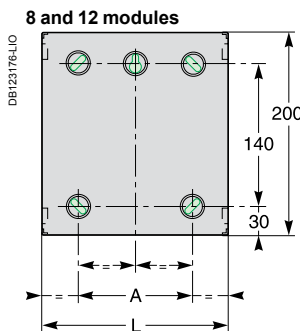
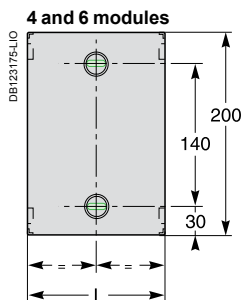
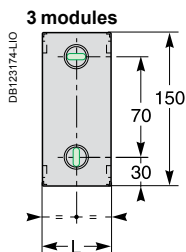


A	B	C	Weight (g)
248	166	41	550
310	228	41	600
392	310	41	700

#### Modular



Number of modules	A	L	Weight (g)
3	-	80	300
4	-	123	500
6	-	159	650
8	88	195	850
12	160	267	1050

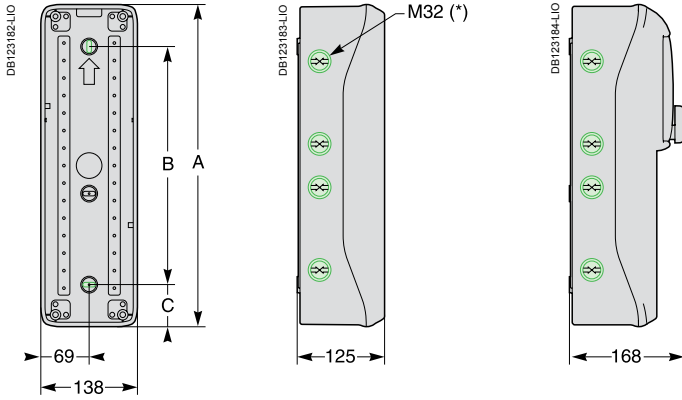


# Kaedra

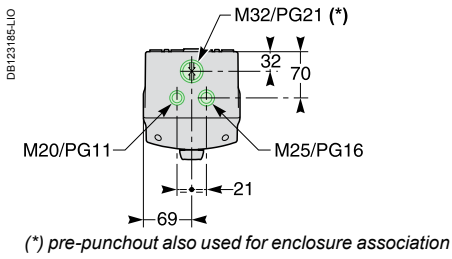
## Waterproof enclosures

### Enclosures

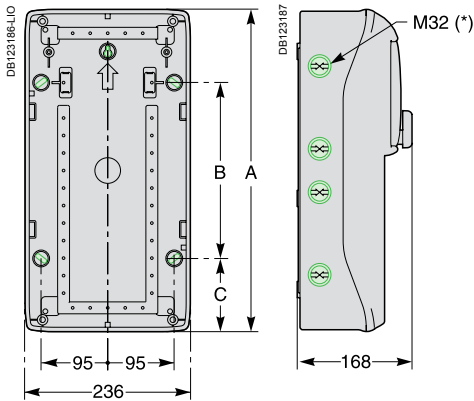
#### 5 modules



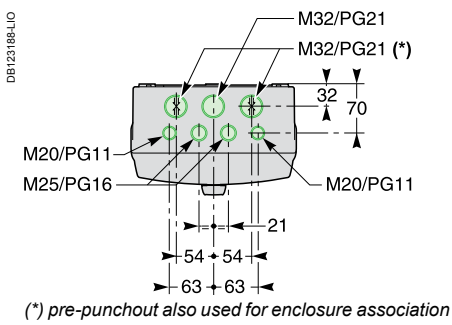
A	B	C	Weight (g)
460	251	104.5	1450
460	251	104.5	1250
460	251	104.5	1400
460	251	104.5	1400
610	490	60	1650



#### 8 modules



A	B	C	Weight (g)
460	251	104.5	2050
460	251	104.5	1900
460	251	104.5	1900

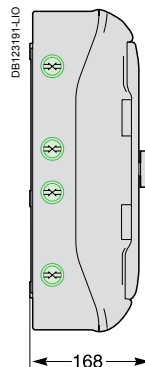
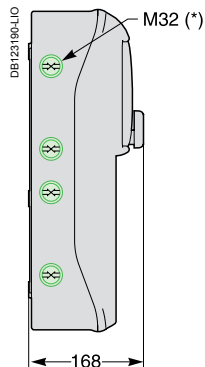
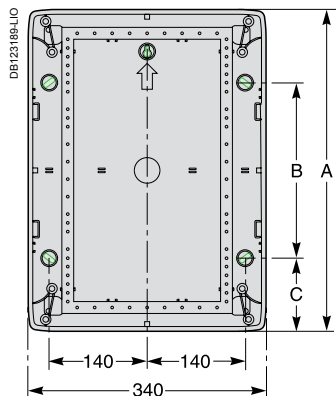


# Kaedra

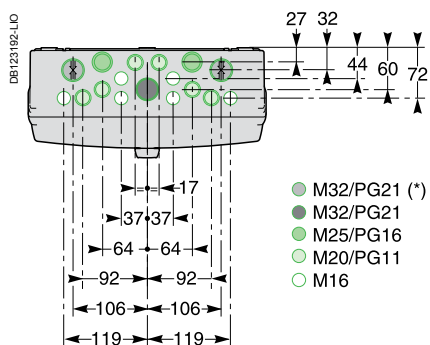
## Waterproof enclosures

### Enclosures

#### 12-13 modules

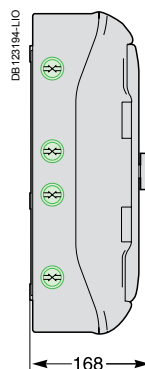
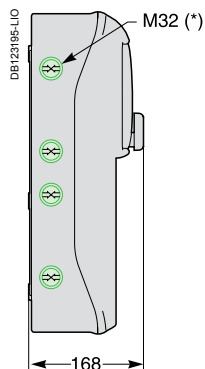
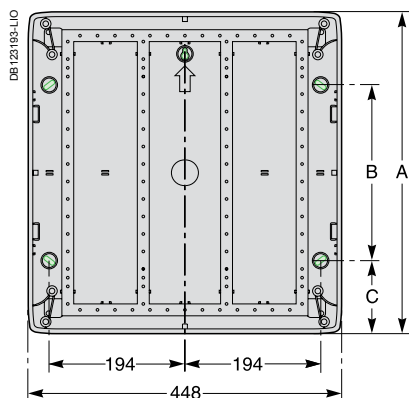


A	B	C	Weight (g)
280	118	81	1900
335	170	82.5	2200
335	170	82.5	2150
460	251	104.5	3100
460	251	104.5	2850
460	251	104.5	3300
460	251	104.5	2650
460	251	104.5	2700
610	401	104.5	4100
460	251	104.5	4550

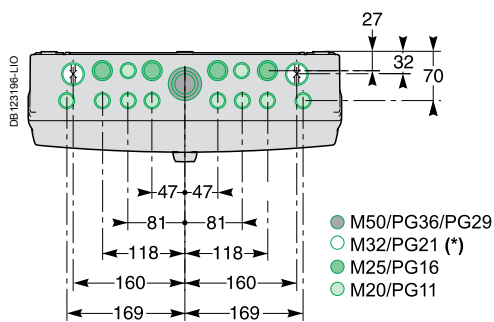


(\*) pre-punchout also used for enclosure association

#### 18-19 modules



A	B	C	Weight (g)
280	118	81	2400
280	118	81	1950
460	251	104.5	3850
460	251	104.5	3550
460	251	104.5	4150
460	251	104.5	3200
460	251	104.5	3150
460	251	104.5	3300
610	401	104.5	3150
610	401	104.5	5600
610	401	104.5	4050
842	633	104.5	6500
842	633	104.5	6600



(\*) pre-punchout also used for enclosure association

Surface mounting enclosures

# Kaedra XT



## Presentation

# Kaedra XT

## Surface mounting enclosures



### Avast range of solutions

These distribution enclosures provided solutions to all equipment installation, such as modular protection devices, domestic and industrial socket. Suitable for environments where maximum protection is needed both for people and the electrical equipment.

### Very high performing products

These products have been designed to ensure maximum protection, resistance to mechanical stress, to chemical and climatic agents and are suitable for industrial, handcraft and services environments.

- IP65 protection degree.
- IK09 shock resistant.
- Materials and structure designed to guarantee double insulation and access only to authorized personnel.
- Flame and fire resistance to 850°C (glow wire test).
- Excellent resistance to chemical and atmospheric agents and high resistance to UV exposition.

### Easy association

The enclosures have modular size and can be used individually or quickly associated both horizontally and vertically allowing the board configuration to be adjusted according the structural conditions of the installation environments.

Furthermore, extensions can be made at any time by adding the board according to the various needs.

### Installations possibilities

The range includes the versions:

- enclosures for sockets with compartments for modular devices and blank part for universal sockets.
- enclosures for modular devices available in versions from 4 to 48 modules.

# Presentation

## Kaedra XT

### Surface mounting enclosures


#### Enclosures for modular devices

These enclosures allow the installation of modular devices for distribution and control in all types of environments: residential, office, workshop and industry.

Their modular dimensions allow the combination also with enclosures for sockets.

**The inspection door**

- The smoked cover is hinged on the superior side and ensure protection against water fall also when is opened.
- These are supplied with a lock and a special key made of insulating material.
- Special labels are also supplied for easy identification of circuits.



**Fixing on the wall**

- The enclosures are secured to the wall either trough holes offside the internal space of the box or trough knockout holes which are then closed with special screws head plugs that ensure the double insulation and maintaining degree of protection IP65.





**Enclosures with blank part**

- These enclosures are conceived to install circuit breaker protected inside with two sizes: 16 and 32 modules.
- Commands, push buttons as well as panel sockets can be mounted externally in the bottom blank part.

**The bottom**

- The enclosure cover can be hinged at the bottom by means of special flexible connections (except for the 4 and 8 modules versions) to facilitate access for inspection of wiring and eventually to add other devices.
- On the bottom is also provided the support to clip-in the terminal blocks support.



**The association**

- The modular size of distribution enclosures makes them quickly associable both horizontally and vertically, allowing the board configuration to be adjusted to the structural condition of the installation environments.
- Furthermore, extension can be made at any time by adjusting the board according of the various needs.



# Kaedra XT

## Empty enclosures with blank part

DE420346



DE420349



### Function

They can receive panel mounted plugs and sockets to obtain complete distribution enclosures and may be protected by modular devices.  
The access door to the safety devices, sealed with lead and opened with a key.

### Technical data

#### Empty enclosures

In conformity with standards	IEC 695-2-1 All parts pass the glow wire test with at 850°C High resistance to chemical and atmospheric agents	
Colour	RAL 7035	
Degree of protection	IP	IP65
	IK	IK09 (as per EN 50102)
Insulation	<input checked="" type="checkbox"/> Total insulation features according EN 62262	
Operating temperature	-25°C to +60°C	

#### Components delivered with each enclosure

##### Type

##### High quality housing

Made of **self-extinguishing** engineering polymer

Knock-out cable entry for PG cable glands

Complete with fair lead for 25 mm max cable diameter and/or PG21 cable gland

Screws made of thermoplastic material

### Enclosure catalogue numbers

Empty enclosures					Cat. no.
Number of modules per row	Number of rows	Capacity in modules of 18 mm	Rated current In	Dimensions (mm) H x W x D	
12	1	13	90 A	400 x 248 x 125	<b>KDR35145</b>
16	1	16	90 A	400 x 320 x 125	<b>KDR35165</b>

With alveolar front panel able to meet any installation and distribution devices.

# Kaedra XT

## Watertight enclosures

### Function

They allow the installation of terminal distribution enclosures in all types of environments, and particularly fitted for outdoor and industrial applications. The access door can be sealed with lead and opened with a key.

### Technical data

#### Watertight enclosures

In conformity with standards	IEC 695-2-1 All parts pass the glow wire test with at 850°C High resistance to chemical and atmospheric agents	
Colour	RAL 7035	
Degree of protection	IP	IP65
Insulation	IK IK09 (as per EN 50102)	
Operating temperature	-25°C to +60°C	

#### Components delivered with each enclosure

Type	High quality housing
	Made of <b>self-extinguishing</b> engineering polymer
	Knock-out cable entry for PG cable glands
	Complete with fair lead for 25 mm max cable diameter and/or PG21 cable gland
	Screws made of thermoplastic material

### Enclosure catalogue numbers

Watertight enclosures					Cat. no.
Number of modules per row	Number of rows	Capacity in modules of 18 mm	Rated current In	Dimensions (mm) H x W x D	
4 modules	1	4	32 A	200 x 110 x 119	<b>KDR35111</b>

- Fair-leads for 20 and 25 mm max Ø tube.
- Knock-outs: 1 x PG16/21 + 1 x PG16/21.
- Side knock-outs: 2 x PG16 + 2 x PG16.

Watertight enclosures					Cat. no.
Number of modules per row	Number of rows	Capacity in modules of 18 mm	Rated current In	Dimensions (mm) H x W x D	
8	1	8	40 A	200 x 180 x 119	<b>KDR35121</b>

- Fair-leads for 20 and 25 mm max Ø tube.
- Knock-outs: (1 x PG21 + 2 x PG16) + (1 x PG21 + 2 x PG16).
- Side knock-outs: 2 x PG16 + 2 x PG16.

Watertight enclosures					Cat. no.
Number of modules per row	Number of rows	Capacity in modules of 18 mm	Rated current In	Dimensions (mm) H x W x D	
12	1	12	63 A	240 x 248 x 125	<b>KDR35131</b>

- Fair-leads for 20, 25 and 32 mm max Ø tube.
- Knock-outs: (1 x PG29/36 + 2 x PG21 + 2 x PG13.5) + (1 x PG29/36 + 2 x PG21 + 2 x PG13.5).
- Side knock-outs: 2 x PG16 + 2 x PG16.

Watertight enclosures					Cat. no.
Number of modules per row	Number of rows	Capacity in modules of 18 mm	Rated current In	Dimensions (mm) H x W x D	
16	1	16	63 A	240 x 320 x 125	<b>KDR35150</b>

- Fair-leads for 20, 25 and 32 mm max Ø tube.
- Knock-outs: (1 x PG29/36 + 4 x PG21 + 4 x PG16 + 2 x PG13.5) + (1 x PG29 + 2 x PG21 + 8 x PG16 + 2 x PG13.5).
- Side knock-outs: 2 x PG16 + 2 x PG16.

DB428342



DB428343



DB428344



DB428347



# Kaedra XT

## Watertight enclosures

DB423245



Watertight enclosures					Cat. no.
Number of modules per row	Number of rows	Capacity in modules of 18 mm	Rated current In	Dimensions (mm) H x W x D	
12	2	24	90 A	400 x 248 x 125	<b>KDR35141</b>

- Fair-leads for 20, 25 and 32 mm max Ø tube.
- Knock-outs: (1 x PG29/36 + 2 x PG21 + 2 x PG13.5) + (1 x PG29/36 + 2 x PG21 + 2 x PG13.5).
- Side knock-outs: 2 x PG16 + 2 x PG16.

DB423246



Watertight enclosures					Cat. no.
Number of modules per row	Number of rows	Capacity in modules of 18 mm	Rated current In	Dimensions (mm) H x W x D	
16	2	32	90 A	400 x 320 x 125	<b>KDR35160</b>

- Fair-leads for 20, 25 and 32 mm max Ø tube.
- Knock-outs: (1 x PG29/36 + 4 x PG21 + 4 x PG16 + 2 x PG13.5) + (1 x PG29 + 2 x PG21 + 8 x PG16 + 2 x PG13.5)
- Side knock-outs: 2 x PG16 + 2 x PG16.

DB423350



Watertight enclosures					Cat. no.
Number of modules per row	Number of rows	Capacity in modules of 18 mm	Rated current In	Dimensions (mm) H x W x D	
16	3	48	125 A	550 x 320 x 125	<b>KDR35170</b>

- Fair-leads for 20, 25 and 32 mm max Ø tube.
- Knock-outs: (1 x PG29/36 + 4 x PG21 + 4 x PG16 + 2 x PG13.5) + (1 x PG29 + 2 x PG21 + 8 x PG16 + 2 x PG13.5)
- Side knock-outs: 2 x PG16 + 2 x PG16.

# Kaedra XT

## Empty and Watertight enclosures



### Accessories

Terminal blocks supports			Cat. no.
For enclosures width	Suitable for cat. no.		
<b>248 mm</b>			
KDR35131, KDR35141, KDR35145	KDR35904	2 terminal blocks 2 x 16 + 10 x 10 mm <sup>2</sup>	<b>KDR35914</b>
<b>320 mm</b>			
KDR35150, KDR35160, KDR35165, KDR35170	KDR35904 KDR35905	2 terminal blocks 2 x 16 + 10 x 10 mm <sup>2</sup> 2 terminal blocks 2 x 16 + 16 x 10 mm <sup>2</sup>	<b>KDR35913</b>

Brass terminal blocks		Cat. no.
2 terminal blocks 2 x 16 + 10 x 10 mm <sup>2</sup>		<b>KDR35904</b>
2 terminal blocks 2 x 16 + 16 x 10 mm <sup>2</sup>		<b>KDR35905</b>

Brass terminal blocks complete with support		Cat. no.
For enclosures width		
90 mm	1 terminal block 1 x 16 + 4 x 10 mm <sup>2</sup>	<b>KDR35920</b>
180 mm	2 terminal blocks 2 x 16 + 6 x 10 mm <sup>2</sup>	<b>KDR35921</b>

### Terminal blocks support table

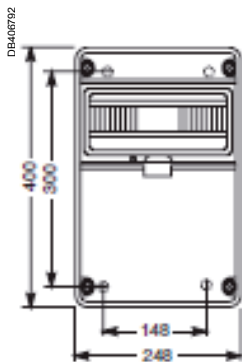
On distribution enclosures from 8 to 48 modules more than one terminal block support cable fitted if more connection are necessary.

Brass terminal blocks complete with support				
For enclosures width	Number of modules	Type of terminal blocks	Support cat. no.	Number and cat. no. terminal blocks
<b>110 mm</b>			KDR35920, KDR35921	
	4	1 x 16 + 4 x 10 mm <sup>2</sup>		
<b>180 mm</b>				
	8	1 x 16 + 6 x 10 mm <sup>2</sup>		
<b>248 mm</b>				
	12	2 x 16 + 10 x 10 mm <sup>2</sup>	KDR35914	2 x KDR35904
KDR35131 KDR35141 KDR35145	24	2 x 16 + 10 x 10 mm <sup>2</sup>		
<b>320 mm</b>				
	16	2 x 16 + 10 x 10 mm <sup>2</sup>	KDR35913	2 x KDR35904 2 x KDR35905
KDR35150 KDR35160		2 x 16 + 16 x 10 mm <sup>2</sup>		
	32	2 x 16 + 10 x 10 mm <sup>2</sup>	KDR35913	2 x KDR35904 2 x KDR35905
KDR35165 KDR35170		2 x 16 + 16 x 10 mm <sup>2</sup>		
	48	2 x 16 + 10 x 10 mm <sup>2</sup>	KDR35913	2 x KDR35904 2 x KDR35905
		2 x 16 + 16 x 10 mm <sup>2</sup>		

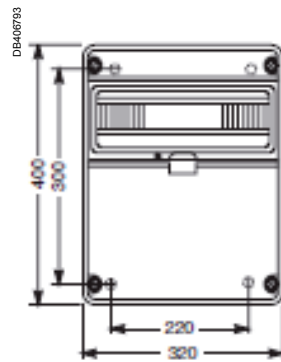
# Kaedra XT

## Surface mounting enclosures

### Empty enclosures for sockets

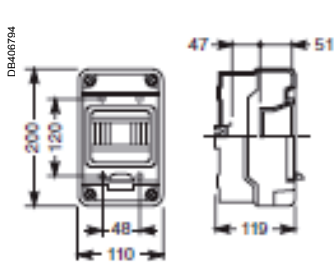


KDR35145

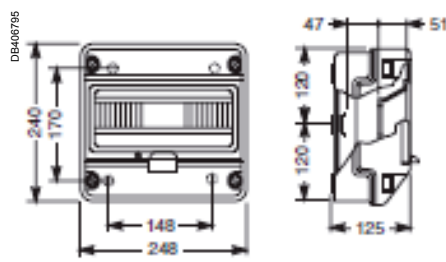


KDR35165

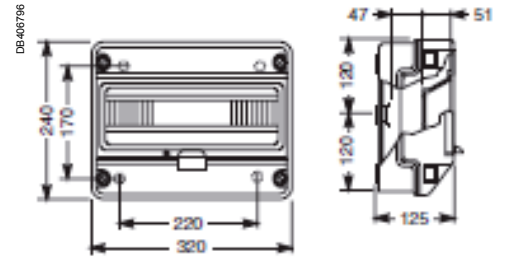
### Watertight enclosures



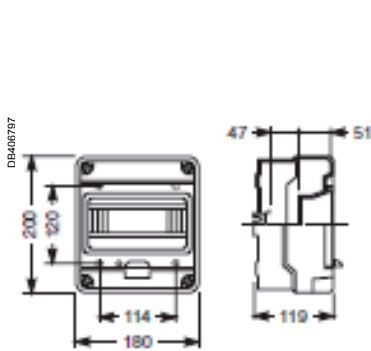
KDR35111



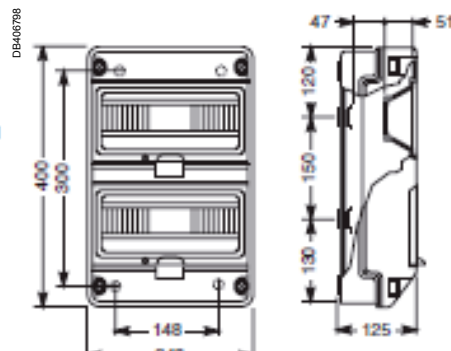
KDR35131



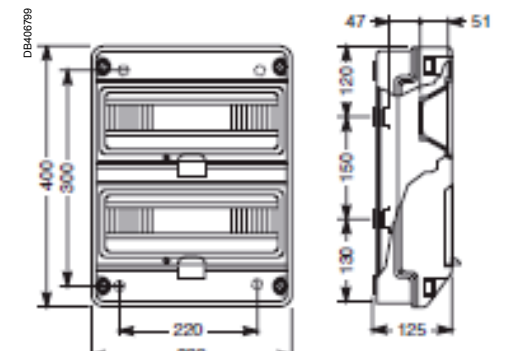
KDR35150



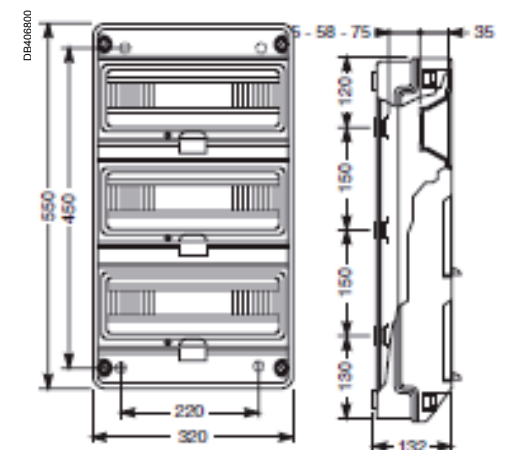
KDR35121



KDR35141



KDR35160



KDR35170

Flush and surface mounting enclosures

# Easy9



# Easy9 Enclosures

**DO NOT PRINT**

## Selection table

### Surface mounting enclosures

PB104273-20 / PB104277-30 / PB104279-40



### Flush mounting enclosures

PB104283-20 / PB104287-30 / PB104289-30

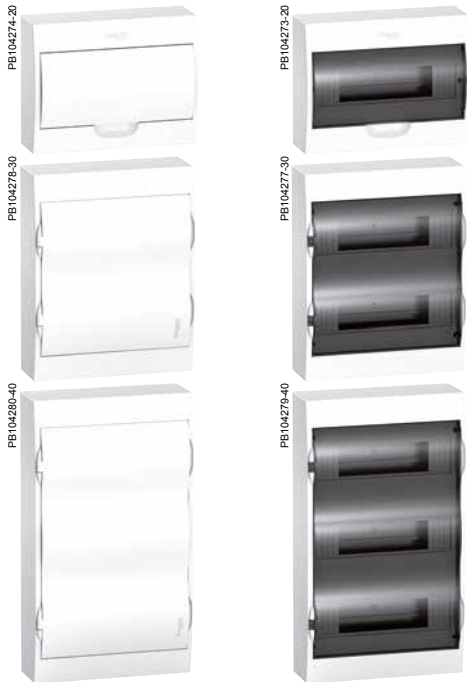


<b>Enclosures</b>	<b>Without terminal block</b>	<b>Earth + neutral terminal blocks</b>	<b>Without terminal block</b>	<b>Earth + neutral terminal blocks</b>
<b>Promotional page</b>	<b>Module M9MP39EN</b>		<b>Module M9MP39EN</b>	
<b>Presentation, technical data and accessories</b>	<b>Module 99016E</b>	<b>Module 99018E</b>	<b>Module 99017E</b>	<b>Module 99019E</b>
<b>Dimensions</b>	<b>Module 99021E</b>	<b>Module 99020E</b>		

# Easy9

## Surface mounting enclosures

Offer: without terminal block



### Description

Easy 9 enclosures are designed for installing modular "DIN" devices in residential environments.

They are used indoors and are available in 8, 12, 18, 24 and 36 modules of 18 mm.

- Ergonomic design and easy installation.
- Fitted with a smoked or a plain reversible door opening to 180°.
- Precut cable passthroughs on 4 sides.
- 1 to 3 DIN rails, chassis allows the cabling outside the back box.

### Technical data

#### Main characteristics

Compliance with standards	IEC 60670-1-24	
Rated current (In)	8, 12, 18 and 24 module enclosures	63 A
	36 module enclosures	80 A
Rated operational voltage (Ue)	400 V	
Rated insulation voltage (Ui)	500 V	
Insulation	Class 2	

#### Additional characteristics

Degree of protection	To IEC 60529	IP40 closed door IP30 open door
	To IEC 62262	Against mechanical impacts IK07
Degree of pollution	2	
Operating temperature	-5°C to +60°C	
Storage temperature	-15°C to +70°C	
Color	White RAL 9003	
Materials	To IEC 60695-2-11	Self-extinguishing technoplastic, resistant to fire and abnormal heat 650°C/30 min

Flush mounting enclosure cannot be installed on DryWall

### Surface mounting enclosure

The surface mounting enclosure consists of:

- A back with:
  - a centered slot to facilitate installation,
  - fixing holes for vertical adjustment,
- The necessitate for entry cables:
  - punch-outs,
  - a large area for drilling (crown saw, punches).

### Catalogue numbers

Surface mounting enclosures				Cat. no.	
Number of rows	Number of modules per row	Capacity in 18 mm modules	Rated current In (A)	Plain door	Smoked door
1	8	8	63	EZ9E108P0S	EZ9E108S0S
	12	12	63	EZ9E112P0S	EZ9E112S0S
	18	18	63	EZ9E118P0S	EZ9E118S0S
2	12	24	63	EZ9E212P0S	EZ9E212S0S
3	12	36	80	EZ9E312P0S	EZ9E312S0S

# Easy9

Surface mounting enclosures

Offer: without terminal block



PB10A291-08

Accessories			
Description		Set of	Cat. no.
Blanking plates 5 units		10	13229
Kit 1 terminal block	for enclosure 8 modules (8 holes)	1	EZ9ETB01
	for enclosure 12 modules (8 holes)	1	EZ9ETB02
	for enclosure 18 modules (17 holes)	1	EZ9ETB03
	for enclosure 24 modules (17 holes)	1	EZ9ETB04
	for enclosure 36 modules (22 holes)	1	EZ9ETB05
Kit 2 terminal blocks	for enclosure 8 modules (2 x 8 holes)	1	EZ9ETB06
	for enclosure 12 modules (2 x 8 holes)	1	EZ9ETB07
	for enclosure 18 modules (2 x 17 holes)	1	EZ9ETB08

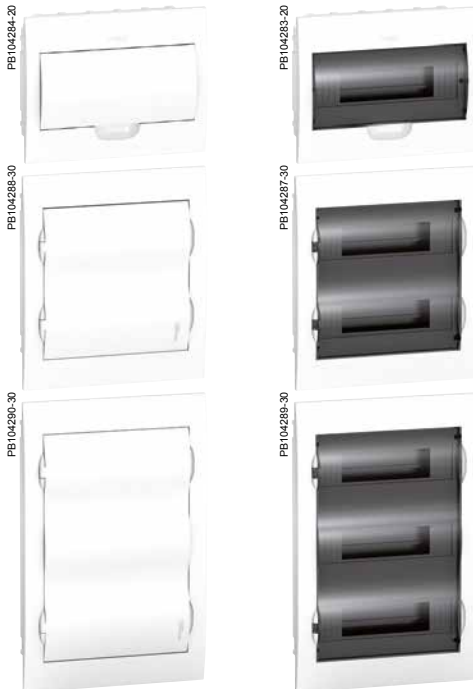
## Weight (g)

Surface mounting enclosures		
Type	Plain door	Smoked door
8 modules	430	430
12 modules	550	560
18 modules	820	840
24 modules	1140	1250
36 modules	1540	1570

# Easy9

## Flush mounting enclosures

Offer: without terminal block



### Description

Easy 9 enclosures are designed for installing modular "DIN" devices in residential environments.

They are used indoors and are available in 8, 12, 18, 24 and 36 modules of 18 mm.

- Ergonomic design and easy installation.
- Fitted with a smoked or a plain reversible door opening to 180°.
- Precut cable passthroughs on 4 sides.
- 1 to 3 DIN rails, chassis allows the cabling outside the back box.

### Technical data

#### Main characteristics

Compliance with standards	IEC 60670-1-24	
Rated current (In)	8, 12, 18 and 24 module enclosures	63 A
	36 module enclosures	80 A
Rated operational voltage (Ue)	400 V	
Rated insulation voltage (Ui)	500 V	
Insulation	Class 2	

#### Additional characteristics

Degree of protection	To IEC 60529	IP40 closed door IP30 open door
	To IEC 62262	Against mechanical impacts IK07
Degree of pollution	2	
Operating temperature	-5°C to +60°C	
Storage temperature	-15°C to +70°C	
Color	White RAL 9003	
Materials	To IEC 60695-2-11	Self-extinguishing technoplastic, resistant to fire and abnormal heat 650°C/30 min

Flush mounting enclosure cannot be installed on DryWall

### Flush mounting enclosures

The flush mounting enclosure consists of:

- A symmetrical back box:
  - robust,
  - depth adapted to the walls of reduced thickness,
  - with pre-holes for entry tubes on the 4 sides.

### Catalogue numbers

Flush mounting enclosures				Cat. no.	
Number of rows	Number of modules per row	Capacity in 18 mm modules	Rated current In (A)	Plain door	Smoked door
1	8	8	63	EZ9E108P0F	EZ9E108S0F
	12	12	63	EZ9E112P0F	EZ9E112S0F
	18	18	63	EZ9E118P0F	EZ9E118S0F
2	12	24	63	EZ9E212P0F	EZ9E212S0F
3	12	36	80	EZ9E312P0F	EZ9E312S0F

# Easy9

Flush mounting enclosures

Offer: without terminal block



Accessories			
Description		Set of	Cat. no.
Blanking plates 5 units		10	13229
Kit 1 terminal block	for enclosure 8 modules (8 holes)	1	EZ9ETB01
	for enclosure 12 modules (8 holes)	1	EZ9ETB02
	for enclosure 18 modules (17 holes)	1	EZ9ETB03
	for enclosure 24 modules (17 holes)	1	EZ9ETB04
	for enclosure 36 modules (22 holes)	1	EZ9ETB05
Kit 2 terminal blocks	for enclosure 8 modules (2 x 8 holes)	1	EZ9ETB06
	for enclosure 12 modules (2 x 8 holes)	1	EZ9ETB07
	for enclosure 18 modules (2 x 17 holes)	1	EZ9ETB08

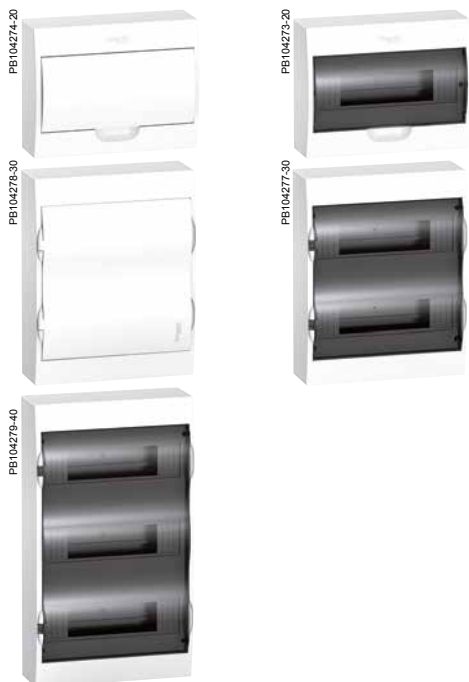
## Weight (g)

Flush mounting enclosures		
Type	Plain door	Smoked door
8 modules	480	490
12 modules	600	610
18 modules	970	1060
24 modules	1270	1400
36 modules	1740	1770

# Easy9

## Surface mounting enclosures

Offer: earth + neutral terminal block



Easy 9 enclosures are designed for installing modular "DIN" devices in residential environments.

They are used indoors and are available in 8, 12, 18, 24 and 36 modules of 18 mm.

- Ergonomic design and easy installation.
- Fitted with a smoked or a plain reversible door opening to 180°.
- Precut cable passthroughs on 4 sides.
- 1 to 3 DIN rails, chassis allows the cabling outside the back box.
- Two earth and neutral terminal blocks.

### Technical data

#### Main characteristics

Compliance with standards	IEC 60670-1-24	
Rated current (In)	8, 12, 18 and 24 module enclosures	63 A
	36 module enclosures	80 A
Rated operational voltage (Ue)	400 V	
Rated insulation voltage (Ui)	500 V	
Insulation	Class 2	

#### Additional characteristics

Degree of protection	To IEC 60529	IP40 closed door IP30 open door
	To IEC 62262	Against mechanical impacts IK07
Degree of pollution	2	
Operating temperature	-5°C to +60°C	
Storage temperature	-15°C to +70°C	
Color	White RAL 9003	
Materials	To IEC 60695-2-11	Self-extinguishing technoplastic, resistant to fire and abnormal heat 650°C/30 min

Flush mounting enclosure cannot be installed on DryWall

### Surface mounting enclosure

The surface mounting enclosure consists of:

- a back with:
  - a centered slot to facilitate installation,
  - fixing holes for vertical adjustment,
- the necessitate for entry cables:
  - punch-outs,
  - a large area for drilling (crown saw, punches).

### Catalogue numbers

Surface mounting enclosures						
Number of row	Number of modules per row	Capacity in 18 mm modules	Rated current In (A)	Plain door	Smoked door	Terminal Block
1	8	8	63	EZ9E108P2S	EZ9E108S2S	2 x 8 holes
	12	12	63	EZ9E112P2S	EZ9E112S2S	2 x 8 holes
	18	18	63	EZ9E118P2S	EZ9E118S2S	2 x 17 holes
2	12	24	63	EZ9E212P2S	EZ9E212S2S	2 x 17 holes
3	12	36	80	EZ9E312P2S	EZ9E312S2S	2 x 22 holes

### Weight (g)

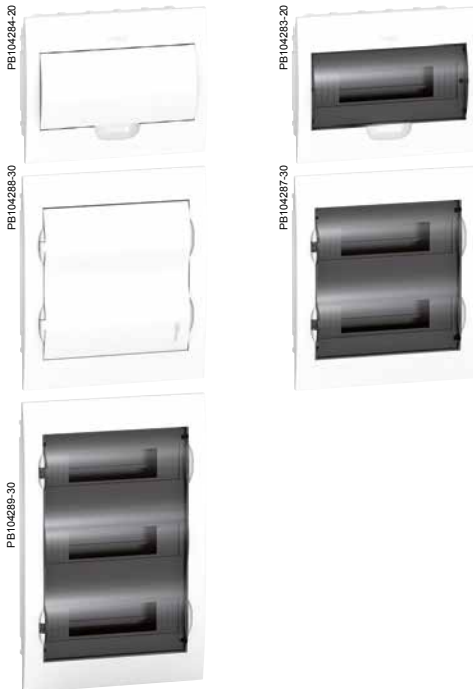
Surface mounting enclosures		
Type	Plain door	Smoked door
8 modules	590	600
12 modules	800	810
18 modules	1050	1060
24 modules	1260	1290
36 modules	1680	1700

## Presentation and technical data

# Easy9

## Flush mounting enclosures

Offer: earth + neutral terminal block



Easy 9 enclosures are designed for installing modular "DIN" devices in residential environments.

They are used indoors and are available in 8, 12, 18, 24 and 36 modules of 18 mm.

- Ergonomic design and easy installation.
- Fitted with a smoked or a plain reversible door opening to 180°.
- Precut cable passthroughs on 4 sides.
- 1 to 3 DIN rails, chassis allows the cabling outside the back box.
- Two earth and neutral terminal blocks.

## Technical data

### Main characteristics

Compliance with standards	IEC 60670-1-24	
Rated current (In)	8, 12, 18 and 24 module enclosures	63 A
	36 module enclosures	80 A
Rated operational voltage (Ue)	400 V	
Rated insulation voltage (Ui)	500 V	
Insulation	Class 2	

### Additional characteristics

Degree of protection	To IEC 60529	IP40 closed door IP30 open door
	To IEC 62262	Against mechanical impacts IK07
Degree of pollution	2	
Operating temperature	-5°C to +60°C	
Storage temperature	-15°C to +70°C	
Color	White RAL 9003	
Materials	To IEC 60695-2-11	Self-extinguishing technoplastic, resistant to fire and abnormal heat 650°C/30 min

Flush mounting enclosure cannot be installed on DryWall

## Flush mounting enclosure

The flush mounting enclosure consists of:

- a symmetrical back box:
  - robust,
  - depth adapted to the walls of reduced thickness,
  - with pre-holes for entry tubes on the 4 sides.

## Catalogue numbers

Flush mounting enclosures						
Number of row	Number of modules per row	Capacity in 18 mm modules	Rated current In (A)	Plain door	Smoked door	Terminal Block
1	8	8	63	EZ9E108P2F	EZ9E108S2F	2 x 8 holes
	12	12	63	EZ9E112P2F	EZ9E112S2F	2 x 8 holes
	18	18	63	EZ9E118P2F	EZ9E118S2F	2 x 17 holes
2	12	24	63	EZ9E212P2F	EZ9E212S2F	2 x 17 holes
3	12	36	80	EZ9E312P2F	EZ9E312S2F	2 x 22 holes

## Weight (g)

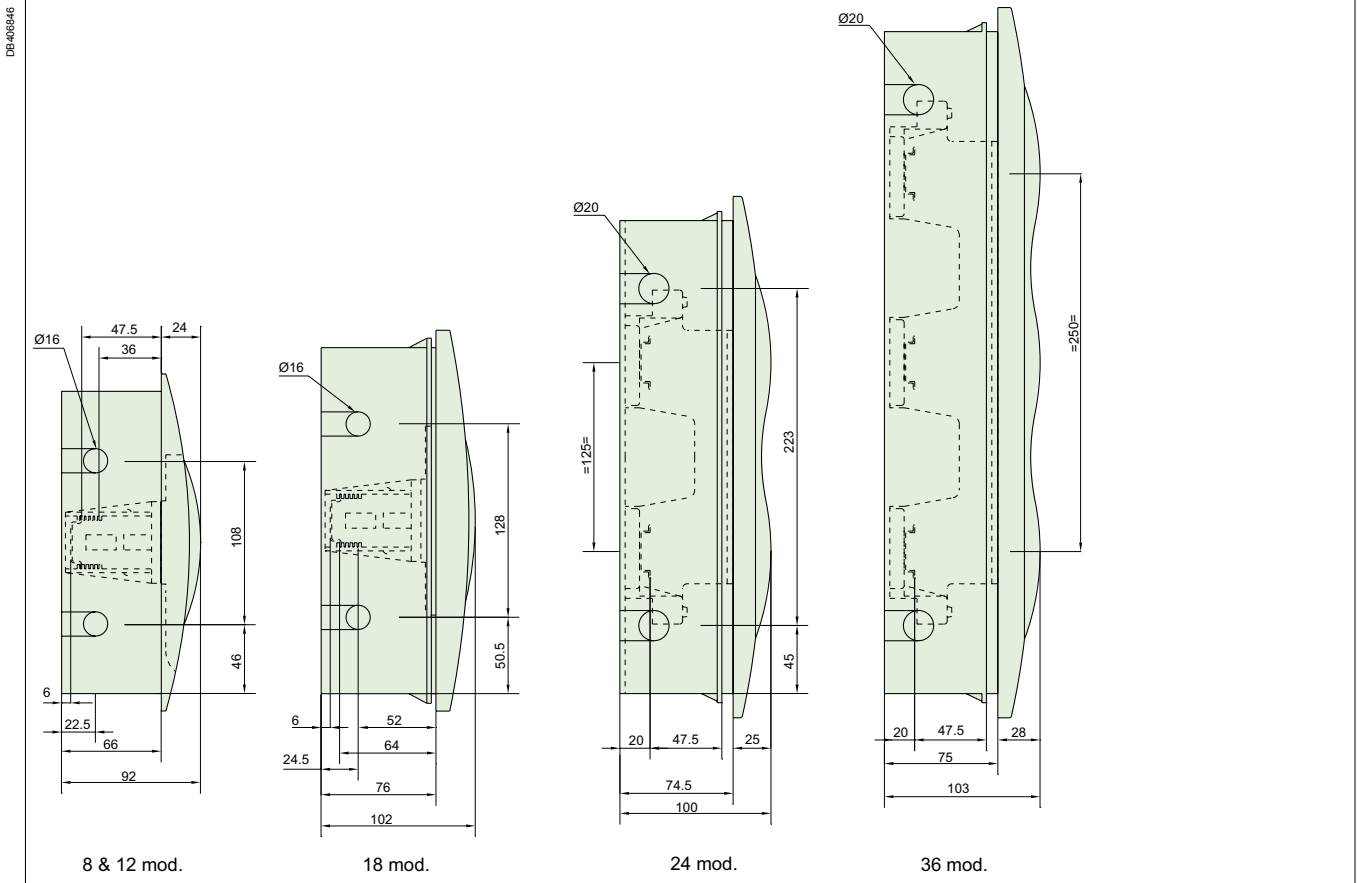
Flush mounting enclosures		
Type	Plain door	Smoked door
8 modules	650	650
12 modules	850	860
18 modules	1180	1200
24 modules	1380	1400
36 modules	1870	1890

# Easy9

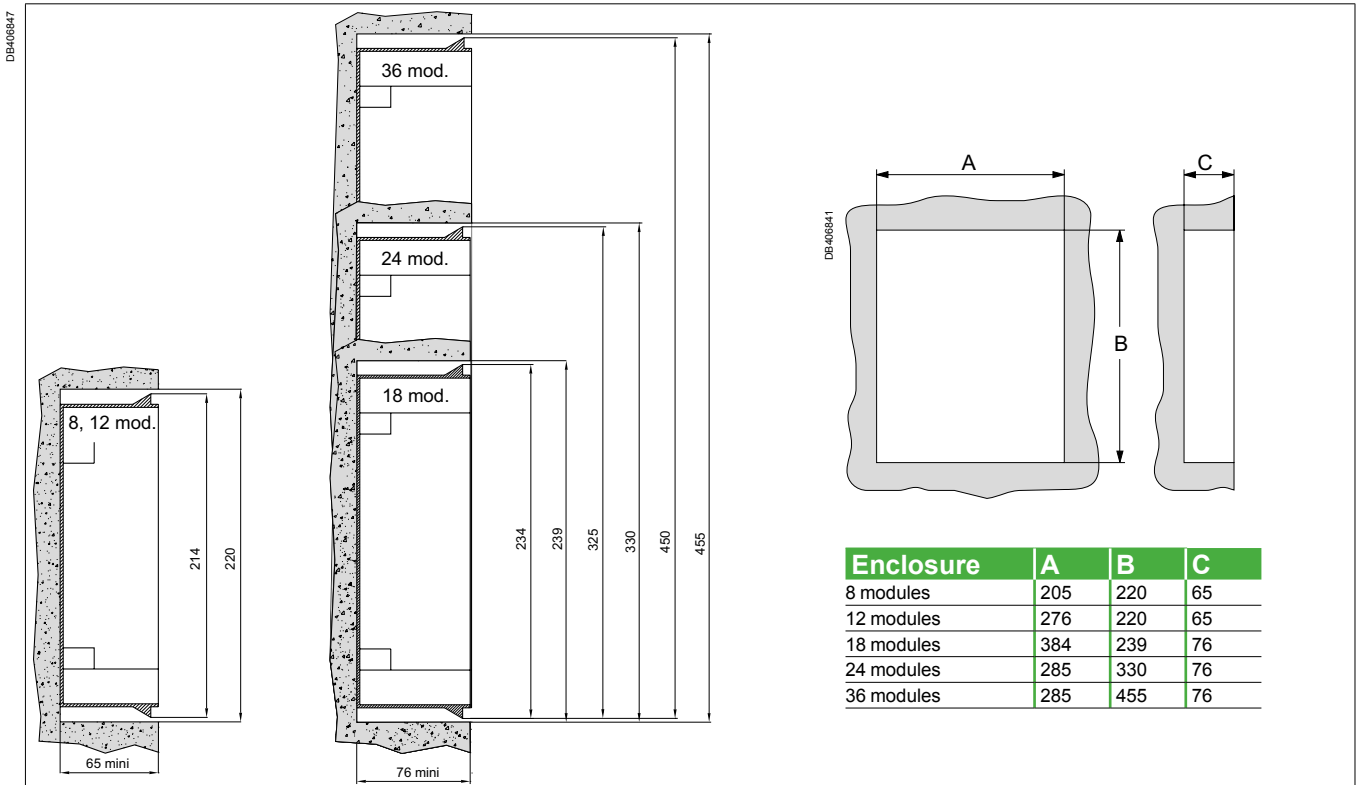
## Flush mounting enclosures

### Dimensions (mm)

#### Side view



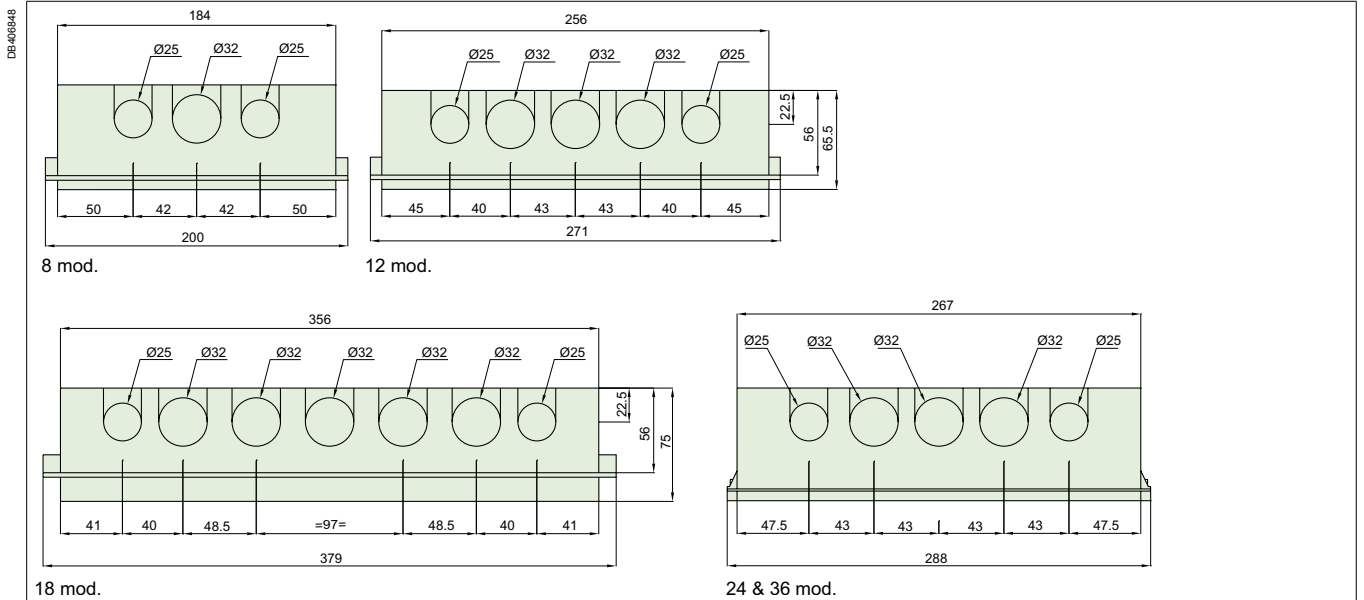
#### Flush mount view



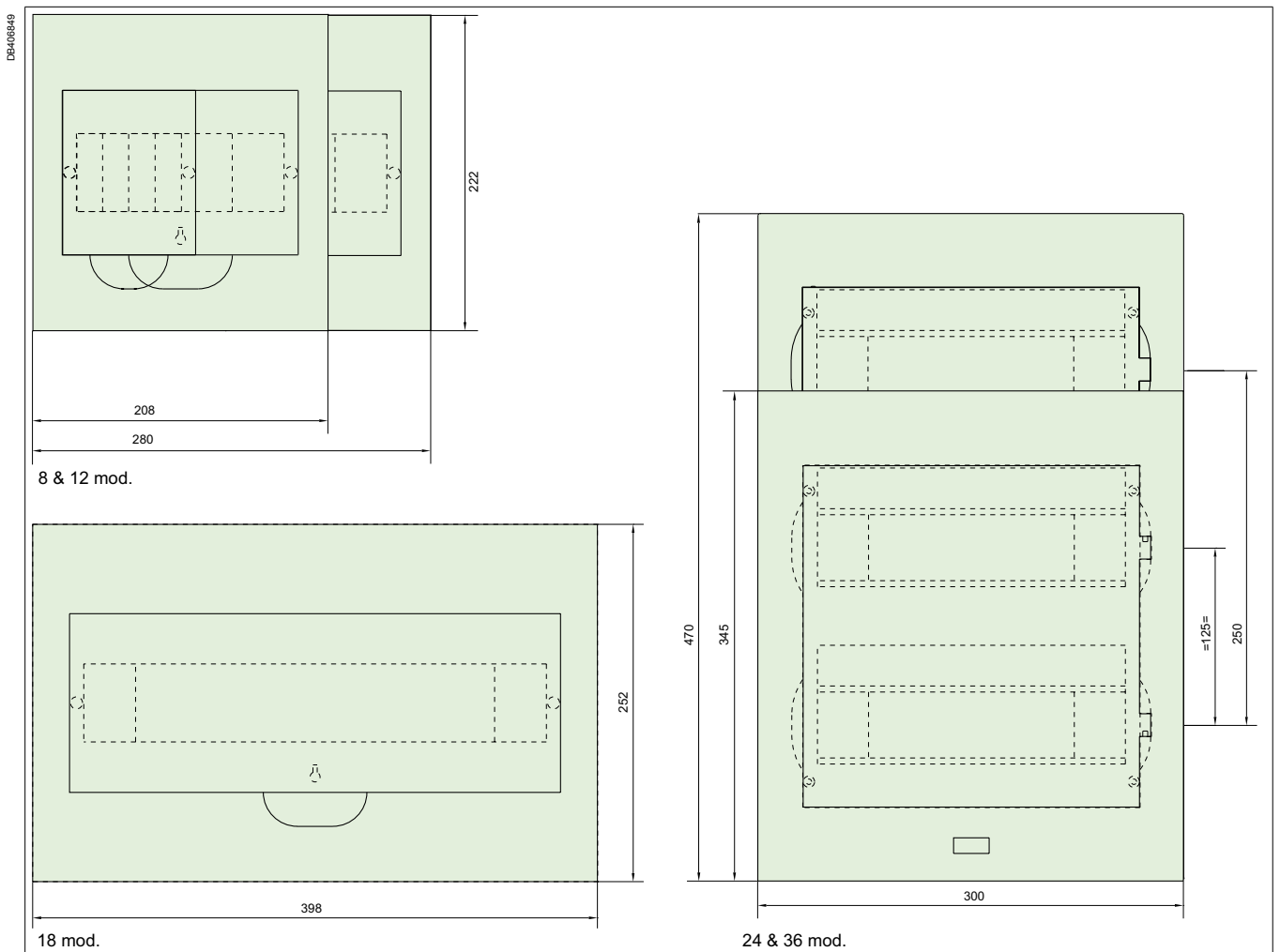
# Easy9

## Flush mounting enclosures

### Top view



### Front view

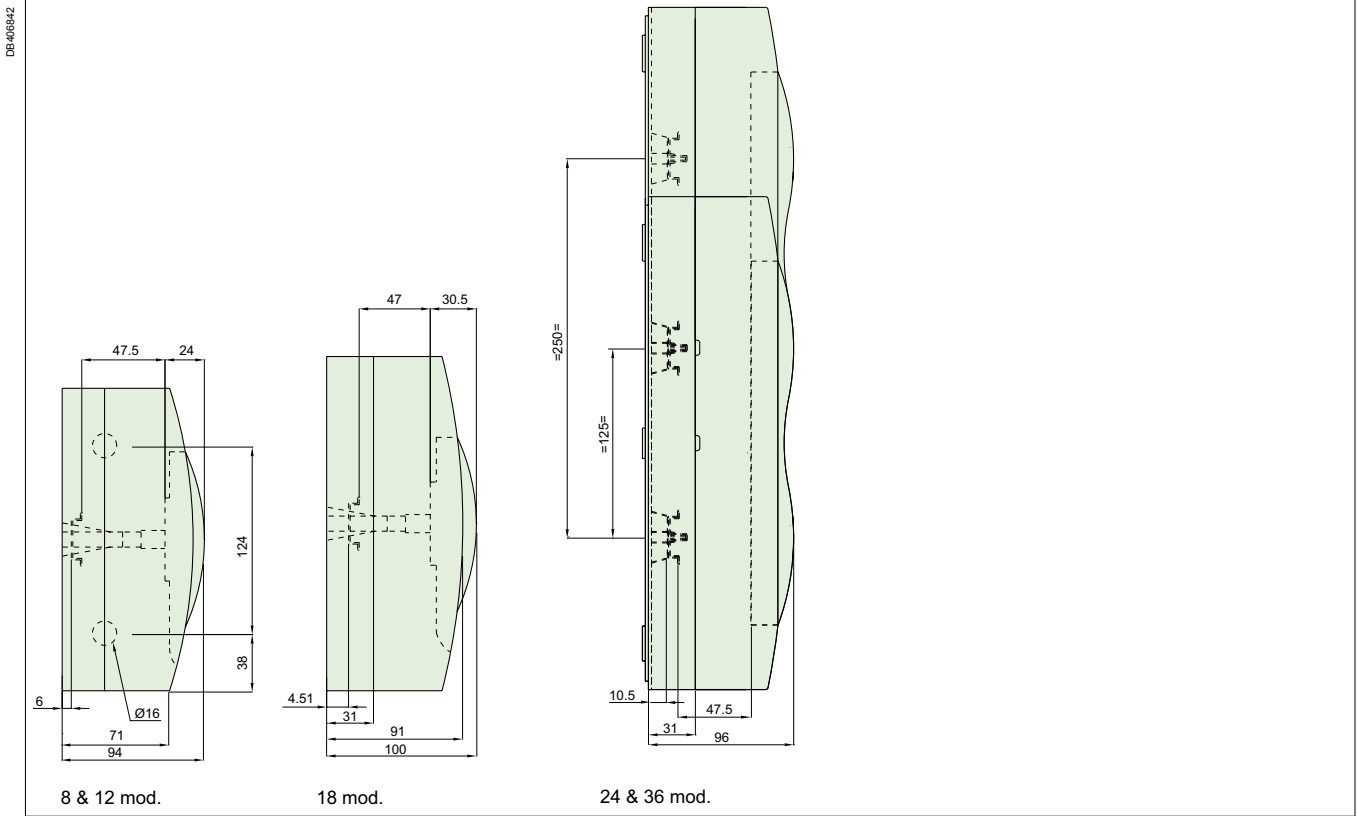


# Easy9

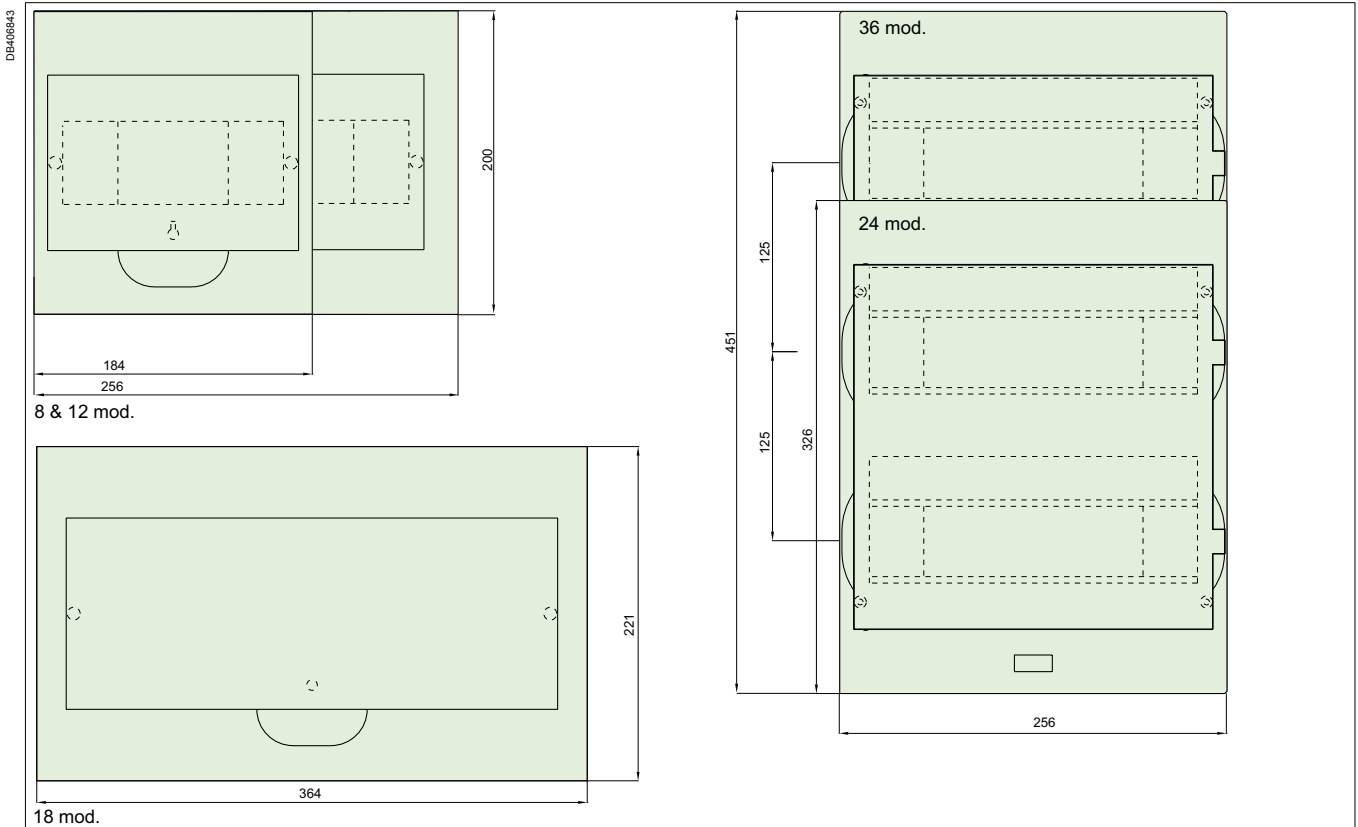
## Surface mounting enclosures

### Dimensions (mm)

#### Side view



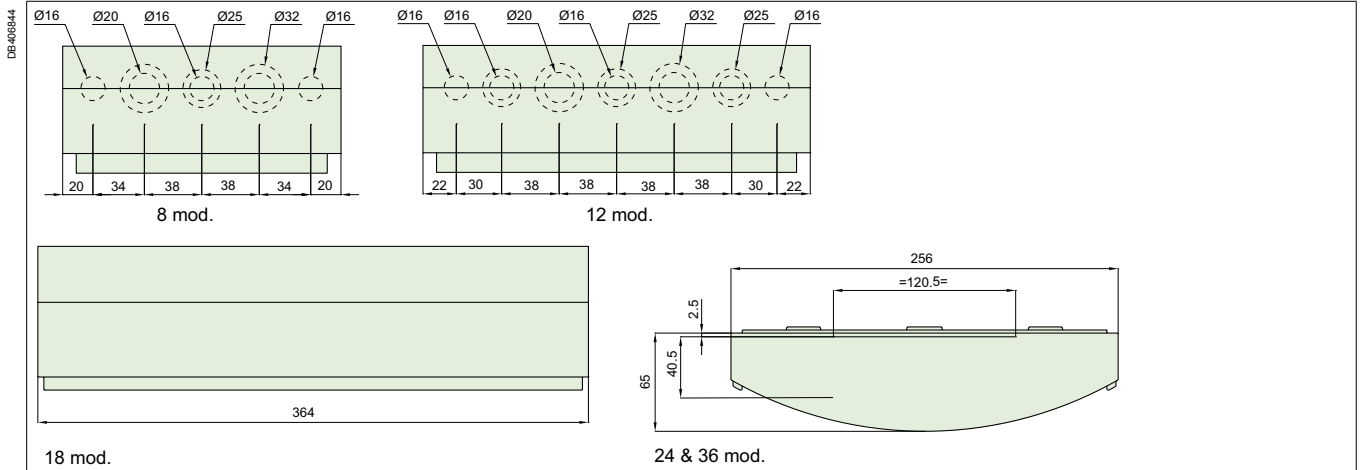
#### Front view



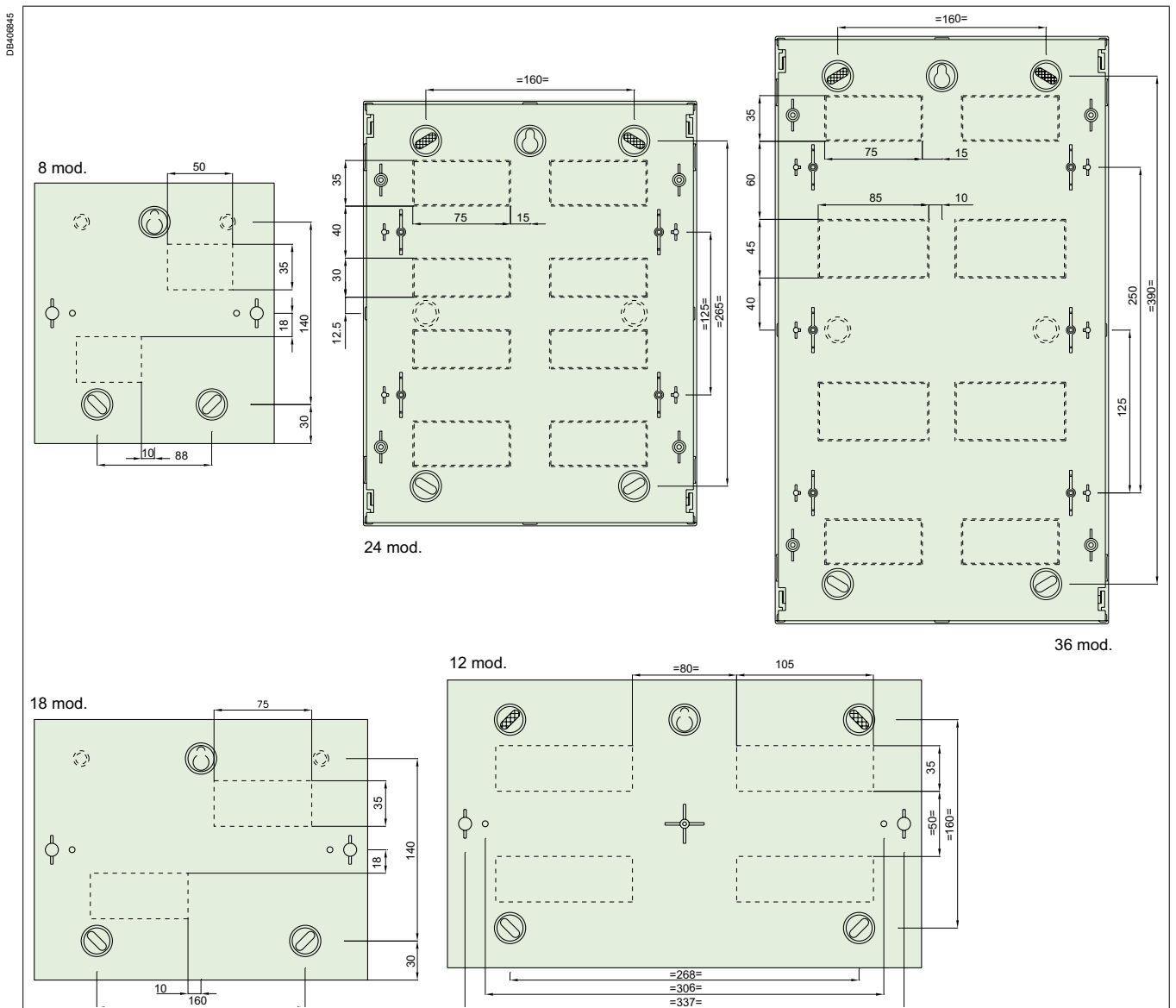
# Easy9

## Surface mounting enclosures

### Top view



### Back view





**Schneider Electric Industries SAS**

35, rue Joseph Monier  
CS 30323  
92506 Rueil Malmaison Cedex  
France

RCS Nanterre 954 503 439  
Capital social 896 313 776 €  
[www.schneider-electric.com](http://www.schneider-electric.com)

06-2019  
93281EN

