Electrical distribution enclosures

Catalogue 2019

Simple, functional, scalable...

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General Contents

Mini Pragma range ..... page 4
Mini Pragma Surface Presentation ..... page 6
Mini Pragma with earth terminal block ..... page 7
Mini Pragma with earth + neutral terminal block ..... page 9
Mini Pragma Flush Presentation ..... page 11
Mini Pragma with earth terminal block ..... page 12
Mini Pragma with earth + neutral terminal blocks ..... page 15
Mini Pragma Universal ..... page 18
Mini Pragma Accessories ..... page 20
Mini Pragma Surface Dimensions ..... page 26
Mini Pragma Flush Dimensions ..... page 28

Pragma range ..... page 30
Pragma Surface Presentation ..... page 32
Pragma with earth terminal block ..... page 33
Pragma with earth + neutral terminal blocks ..... page 35
Pragma Surface Universal ..... page 37
Pragma Flush presentation ..... page 39
Pragma with earth terminal block ..... page 40
Pragma with earth + neutral terminal blocks ..... page 42
Pragma Flush Universal ..... page 44
Pragma Accessories ..... page 46
Pragma Surface mounting Dimensions ..... page 54
Pragma Flush mounting Dimensions ..... page 56

Kaedra range ..... page 58
Kaedra Presentation ..... page 60
Kaedra modular mini enclosures and enclosures T 650°C without terminal block ..... page 61
Kaedra modular mini enclosures and enclosures T 650°C 1 or 2 terminal blocks ..... page 62
Kaedra modular mini enclosures and enclosures T 650°C 2 or 4 terminal blocks ..... page 63
Kaedra modular mini enclosures and enclosures T 750°C 1 or 2 terminal blocks ..... page 64
Kaedra power outlets enclosures T 650°C 1 or 2 terminal blocks ..... page 65
Kaedra Accessories ..... page 66
Kaedra Dimensions ..... page 70

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 if 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 dismounted beyond that, without breaking.

An environmentally friendly electrical enclosure

- Back of the enclosure manufactured from recycled polystyrene.

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.

PB104071-40

36-module enclosures

PB104067-21

18-module enclosures

PB104058-30

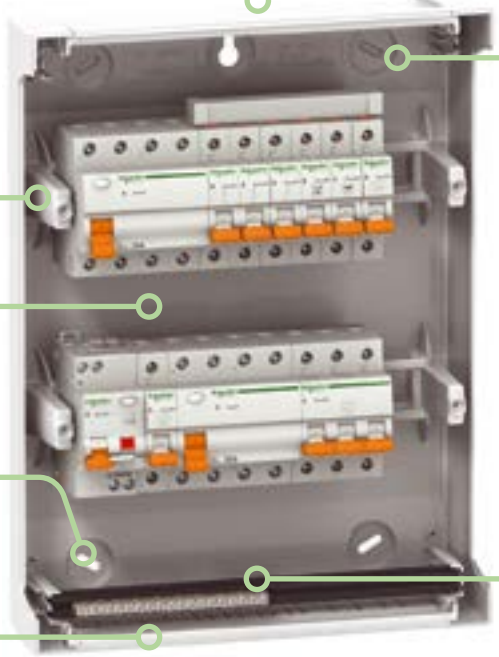
4-module enclosures

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

DB430300

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

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.

PB104071-40 PB104069-29

36-module enclosures

PB104067-21

24-module enclosures

PB104065-22

18-module enclosures

PB104063-20

12-module enclosures

PB104641-19

8-module enclosures

PB104059-20

6-module enclosures

4-module enclosures

PB104108-20

Smoked translucent door.

PB104108-20

White door.

DB124307

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	IP40
	IK	IK07
Materials	Plastic	Self-extinguishing technoplastic material (1) 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.

PB104059-35

MIP11104T

PB104650-30

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 ▫ + 2 x 10 ▫ + 1 x 6 ▫
	Supplied with the 8 or 12-module enclosure	1 x 16 ▫ + 4 x 10 ▫ + 3 x 6 ▫
	Supplied with the 18 or 24-module enclosure	2 x 16 ▫ + 8 x 10 ▫ + 6 x 6 ▫
	Supplied with the 36-module enclosure	2 x 16 ▫ + 9 x 10 ▫ + 9 x 6 ▫
Blanking plates (packs of 10)	Clipped on the front face	

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.

PB104071-40 PB104069-29

36-module enclosures

PB104067-21

24-module enclosures

PB104065-22

18-module enclosures

PB104063-20

12-module enclosures

PB104641-19

8-module enclosures

PB104059-20

6-module enclosures

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	
Enclosure colour	White RAL 9003	
Degree of protection	IP	IP40
	IK	IK07
Materials	Plastic	Self-extinguishing technoplastic material (1) 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.

PB104059-35

MIP10104T

PB104650-30

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 ▫ + 2 x 10 ▫ + 1 x 6 ▫)
	Supplied with the 8 or 12-module enclosure	2 x (1 x 16 ▫ + 4 x 10 ▫ + 3 x 6 ▫)
	Supplied with the 18 or 24-module enclosure	2 x (2 x 16 ▫ + 8 x 10 ▫ + 6 x 6 ▫)
	Supplied with the 36-module enclosure	2 x (2 x 16 ▫ + 9 x 10 ▫ + 9 x 6 ▫)
Blanking plates (packs of 10)	Clipped on the front face	

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.

PB104102-47

36-module enclosures

PB104089-25

18-module enclosures

PB104091-25

4-module enclosures

PB104674-90

Entry by cable, tube or trunking

Base with pre-holes
- Clamping leg for hollow partition
- Carton protection for installation in masonry

Removable chassis
- 1 to 3 DIN rails adjustable asymmetrically

Large space for cabling

Earth terminal block
- Clipped with screw or quick connection

BD430301

PB104631-90

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

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

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
- ■ 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.

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

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	IP40
	IK	IK07
Materials	Plastic	Self-extinguishing technoplastic material (1) 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

PB104130-35

MIP81112

PB104087-35

MIP30104T

PB104090-35

MIP60104T

PB104088-35

MIP40104T

PB104091-35

MIP70104T

PB104089-35

MIP50104T

Offer to compose

Base + **Front face** + **Accessories**

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
White					
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**
Ivory					
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**
Garnet red					
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**
Pistachio green					
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**
Misty grey					
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.

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 ▫ + 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 (2)	1 x 6/25▫ screw + 4 x 1.5/4▫(1) with plug/in (63 A) + 1 jumper	**LGYT1E05**
	3 x 6/25▫ screw + 11 x 1.5/4▫(1) with plug/in (63 A) + 1 jumper	**LGYT1E14**
	3 x 6/25▫ screw + 21 x 1.5/4▫(1) with plug/in (63 A) + 1 jumper	**LGYT1E24**
Ph+N insulated terminal block (pack of 2)	2 x (4 x 16▫)	**R9H13405**
	2 x (1 x 35 ▫ + 6 x 16 ▫)	**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 mm² for rigid and stranded cables without ferrule limited to 32 A.
(2) Rated connection capacity.

PB104073-36

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	**MIP21104**	**MIP21104T**
	6	6	63	**MIP21106**	**MIP21106T**
	8	8	63	**MIP21108**	**MIP11108T**
	12	12	63	**MIP21112**	**MIP21112T**
	18	18	63	**MIP21118**	**MIP21118T**
2	12	24	63	**MIP21212**	**MIP21212T**
3	12	36	63	**MIP21312**	**MIP21312T**

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 ▫ + 2 x 10 ▫ + 1 x 6 ▫
	Supplied with the 8 or 12-module enclosure	1 x 16 ▫ + 4 x 10 ▫ + 3 x 6 ▫
	Supplied with the 18 or 24-module enclosure	2 x 16 ▫ + 8 x 10 ▫ + 6 x 6 ▫
	Supplied with the 36-module enclosure	2 x 16 ▫ + 9 x 10 ▫ + 9 x 6 ▫
Blanking plates (packs of 10)	Clipped on the front face	

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
- ■ 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.

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

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	IP40
	IK	IK07
Materials	Plastic	Self-extinguishing technoplastic material (1) 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

PB104131-35

MIP82112

PB104087-35

MIP30104T

PB104090-35

MIP60104T

PB104088-35

MIP40104T

PB104091-35

MIP70104T

PB104089-35

MIP50104T

Offer to compose

Base + **Front face** + **Accessories**

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
White					
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
Ivory					
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
Garnet red					
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
Pistachio green					
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
Misty grey					
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.

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 ▫ + 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 (2)	1 x 6/25▫ screw + 4 x 1.5/4▫(1) with plug/in (63 A) + 1 jumper	**LGYT1E05**
	3 x 6/25▫ screw + 11 x 1.5/4▫(1) with plug/in (63 A) + 1 jumper	**LGYT1E14**
	3 x 6/25▫ screw + 21 x 1.5/4▫(1) with plug/in (63 A) + 1 jumper	**LGYT1E24**
Ph+N insulated terminal block (pack of 2)	2 x (4 x 16 ▫)	**R9H13405**
	2 x (1 x 35 ▫ + 6 x 16 ▫)	**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 mm² 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**	**MIP12108T**	**MIP12108S**
	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 ▫ + 2 x 10 ▫ + 1 x 6 ▫)
	Supplied with the 8 or 12-module enclosure	2 x (1 x 16 ▫ + 4 x 10 ▫ + 3 x 6 ▫)
	Supplied with the 18 or 24-module enclosure	2 x (2 x 16 ▫ + 8 x 10 ▫ + 6 x 6 ▫)
	Supplied with the 36-module enclosure	2 x (2 x 16 ▫ + 9 x 10 ▫ + 9 x 6 ▫)
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

PB117397

PB117398

PB117371

PB117372

PB117381

MIP312FU_Image

Entry by cable, tube or trunking

Removable front face
- With insulating screen

Base with pre-holes
- Clamping leg for hollow partition
- Carton protection for installation in masonry

An universal grid can be mounted in **2 different positions**

Removable chassis
- For an easy installation of components and vertical adjustment

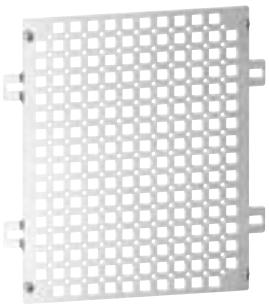
A white door
- Reversible opens to 140°, after which it can be removed, without breaking

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

PB117388

PB117382

PB117393-pattes



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 (1): 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.
Box accessory	
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
Screw accessory	
Allow the tool-less fixing of the components using screws (splitters) ■ 2 Fix screw	
Fix Screw	VDIR380003
Cable accessory	
Allow the cable/patchcord management inside the telecom cabinet ■ 2 Fix cable	
Fix cable	VDIR380004
RJ45 accessory	
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

P140587

Box accessory

P140588

Screw accessory

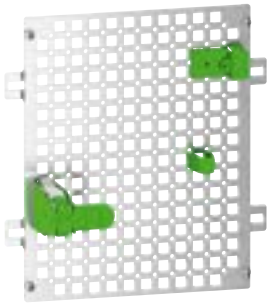
P140590

RJ45 accessory

P140589

Cable accessory

PB117394



Mini Pragma
Flush mounting enclosures

Selection table	Description	Surface	Flush	Cat. no.
Connection accessories				
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**
Installation accessories				
Kit IP41		•		**MIP99034**
Kit IP41 flush mounting			•	**MIP99035**
Hollow partition flush mounting kit			•	**MIP99047**
Base				
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**
	3 rows of 12 modules		•	**MIP81312**
Base with earth/neutral insulated terminal blocks	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**
Finishing accessories				
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**

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: ■ a viewing angle ensuring that the cable is securely in place ■ a screwing angle ensuring that the screws are tight	**MIP99036**
Terminal block	1 x 16 ▫ + 2 x 10 ▫ + 1 x 6 ▫	Simplifies electrical connection ■ Installation: □ clips onto the terminal block support ■ Consists of: □ captive screws supplied open □ guides making it easier to insert cables into the tunnels	**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	1 x 6/25 ▫ screw + 4 x 1.5/4 ▫ (1) with plug/in (63 A) + 1 jumper	**LGYT1E05**
	14 holes	3 x 6/25 ▫ screw + 11 x 1.5/4 ▫ (1) with plug/in (63 A) + 1 jumper	**LGYT1E14**
	24 holes	3 x 6/25 ▫ screw + 21 x 1.5/4 ▫ (1) with plug/in (63 A) + 1 jumper	**LGYT1E24**
Ph+N insulated terminal blocks (pack of 2)	2 x (4 x 16 ▫)	Insulated up to 125 A	**R9H13405**
	2 x (1 x 35 ▫ + 6 x 16 ▫)		**R9H13411**
Ph+Ph insulated terminal blocks (set of 2, black and grey)	4 x 16 ▫		**R9H13405P**
	1 x 35 ▫ + 6 x 16 ▫		**R9H13411P**
N+N insulated terminal blocks (set of 2, blue)	4 x 16 ▫		**R9H13405N**
	1 x 35 ▫ + 6 x 16 ▫		**R9H13411N**

PB104116-14

PB104117-15

LGYT1E05_Image15

LGYT1••05

LGYT1E24_Image15

LGYT1••24

PB100563-25

Accessories for enclosures (cont.)

Installation accessories			Cat. no.
Type		**Description**	
IP41 kit PB104114-07		White sealing kit	**MIP99034**
Hollow partition flush mounting kit PB104127-20		Used to secure the base of the enclosure to be flush-mounted in a hollow partition.	**MIP99047**
Base only 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**
Base with earth terminal block PB104130-35	1 x 16 ▫ + 2 x 10 ▫ + 1 x 6 ▫	1 row of 4 modules	**MIP81104**
	1 x 16 ▫ + 2 x 10 ▫ + 1 x 6 ▫	1 row of 6 modules	**MIP81106**
	1 x 16 ▫ + 4 x 10 ▫ + 3 x 6 ▫	1 row of 8 modules	**MIP81108**
	1 x 16 ▫ + 4 x 10 ▫ + 3 x 6 ▫	1 row of 12 modules	**MIP81112**
	2 x 16 ▫ + 8 x 10 ▫ + 6 x 6 ▫	1 row of 18 modules	**MIP81118**
	2 x 16 ▫ + 8 x 10 ▫ + 6 x 6 ▫	2 rows of 12 modules	**MIP81212**
	2 x 16 ▫ + 9 x 10 ▫ + 9 x 6 ▫	3 rows of 12 modules	**MIP81312**
Base with earth/neutral insulated terminal blocks PB104131-35	2 x (1 x 16 ▫ + 2 x 10 ▫ + 1 x 6 ▫)	1 row of 4 modules	**MIP82104**
	2 x (1 x 16 ▫ + 2 x 10 ▫ + 1 x 6 ▫)	1 row of 6 modules	**MIP82106**
	2 x (1 x 16 ▫ + 4 x 10 ▫ + 3 x 6 ▫)	1 row of 8 modules	**MIP82108**
	2 x (1 x 16 ▫ + 4 x 10 ▫ + 3 x 6 ▫)	1 row of 12 modules	**MIP82112**
	2 x (2 x 16 ▫ + 8 x 10 ▫ + 6 x 6 ▫)	1 row of 18 modules	**MIP82118**
	2 x (2 x 16 ▫ + 8 x 10 ▫ + 6 x 6 ▫)	2 rows of 12 modules	**MIP82212**
	2 x (2 x 16 ▫ + 9 x 10 ▫ + 9 x 6 ▫)	3 rows of 12 modules	**MIP82312**
Flush mounting IP41 kit PB104638-45			**MIP99035**

Accessories for enclosures (cont.)

Finishing accessories		Cat. no.	
Type	**Description**	**Solid white door**	**Smoked transparent door**
White front panel (with door)	1 row of 4 modules	**MIP30104**	**MIP30104T**
PB104087-30	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**
Ivory front panel (with door)	1 row of 4 modules	-	**MIP40104T**
PB104088-30	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**
Garnet red front panel (with door)	1 row of 4 modules	-	**MIP50104T**
PB104089-30	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 door)	1 row of 4 modules	-	**MIP60104T**
PB104090-30	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 door)	1 row of 4 modules	-	**MIP70104T**
PB104091-30	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**

Accessories for enclosures (cont.)

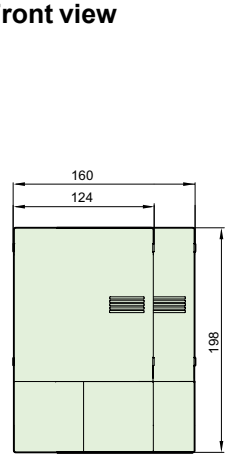
Finishing accessories (continued)			Cat. no.
Type		**Description**	**Solid white**
2 white removable plates PB104113-20		4 modules	**MIP99029**
		6 modules	**MIP99030**
		8 modules	**MIP99031**
		12 modules	**MIP99032**
		18 modules	**MIP99033**
Blanking plate R9H13387_Image-20		Used to cover empty slots ■ 5 dividable modules ■ Colour: white RAL 9003 ■ Supplied in packs of 10	**R9H13387**
Symbol plate E45102-23	Standard	It contains self-adhesive pictograms used to identify the outgoers ■ Standard symbols: □ loads: power outlet, lighting, convector, etc □ locations: bedroom, bathroom, etc	**13735**
	Special	■ Special symbols: □ loads: surge arrester, gate, swimming pool, etc. □ locations: service room, computer room, etc.	**13736**
Keylock PB104126-25		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	**MIP99046**
Marker light PB104673-20		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^2 max ■ Withstand to fire and abnormal heat to (as per IEC 60695-2-11): 750°C	**MIP99050**

Mini Pragma

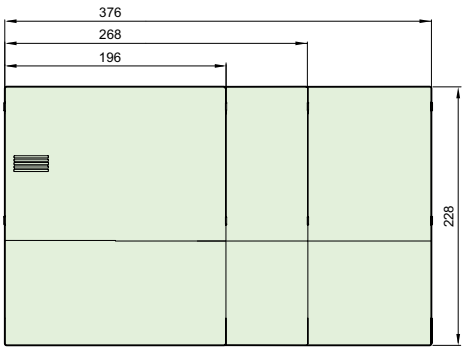
Surface mounting enclosures

DB122738-LIO

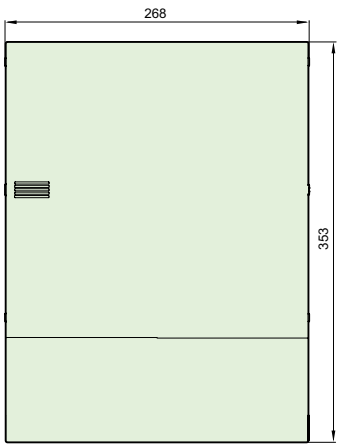
Front view



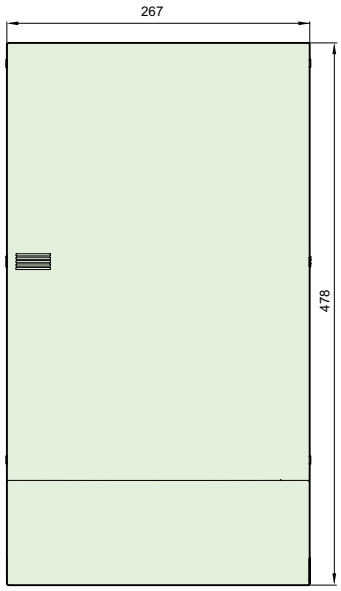
4, 6 modules



8, 12, 18 modules

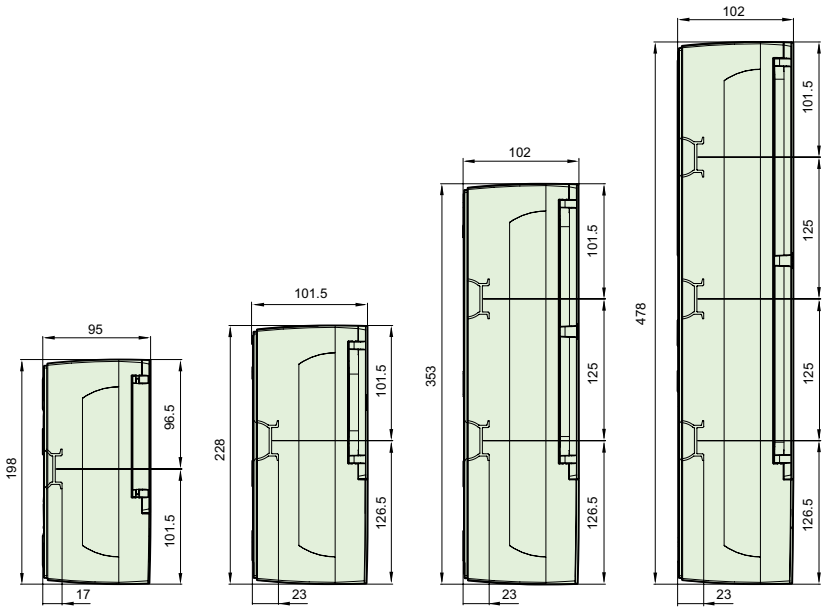


24 modules



36 modules

Side view



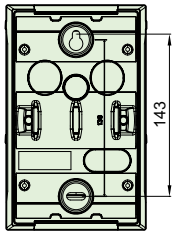
4, 6 modules | 8, 12, 18 modules | 24 modules | 36 modules

Mini Pragma

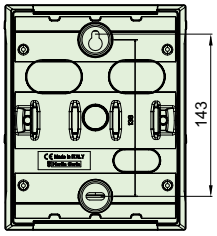
Surface mounting enclosures (cont.)

DB122739-LIO

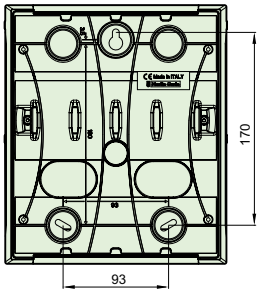
Inside view



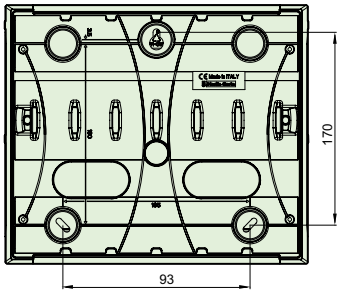
4 modules



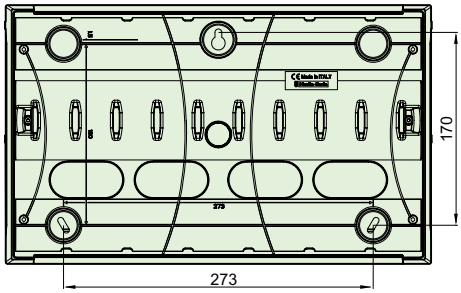
6 modules



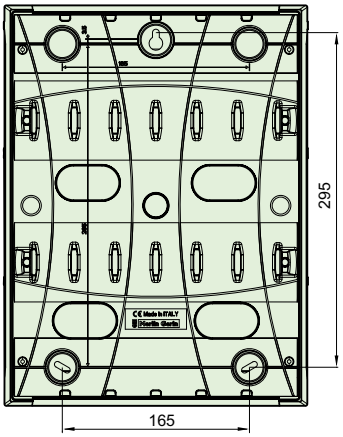
8 modules



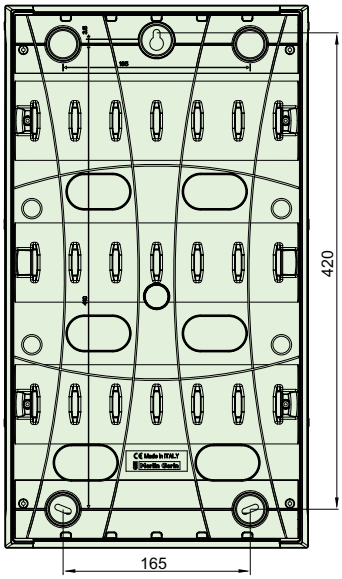
12 modules



18 modules



24 modules



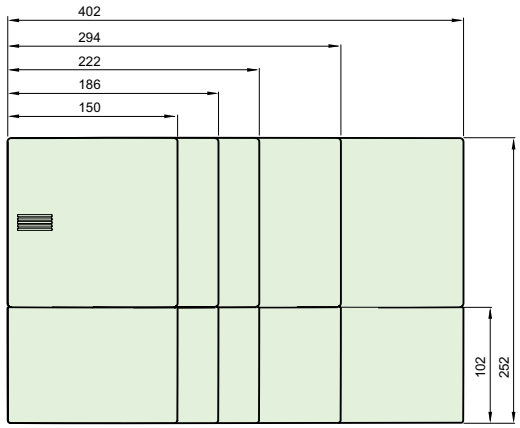
36 modules

Mini Pragma

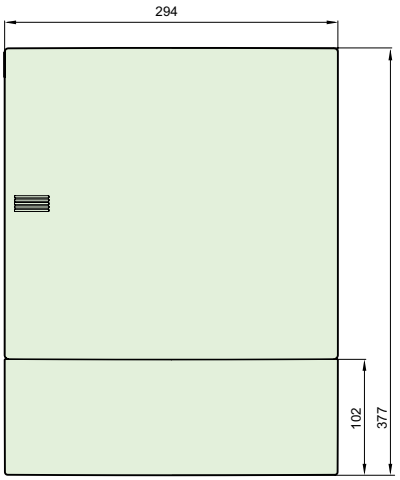
Flush mounting enclosures

DB123283-LIO

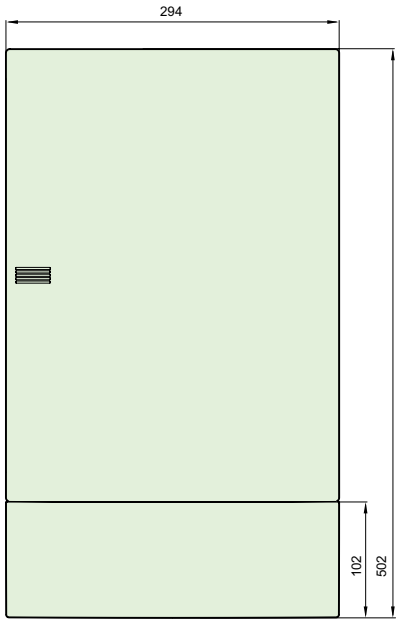
Front view



4, 6, 8, 12, 18 modules

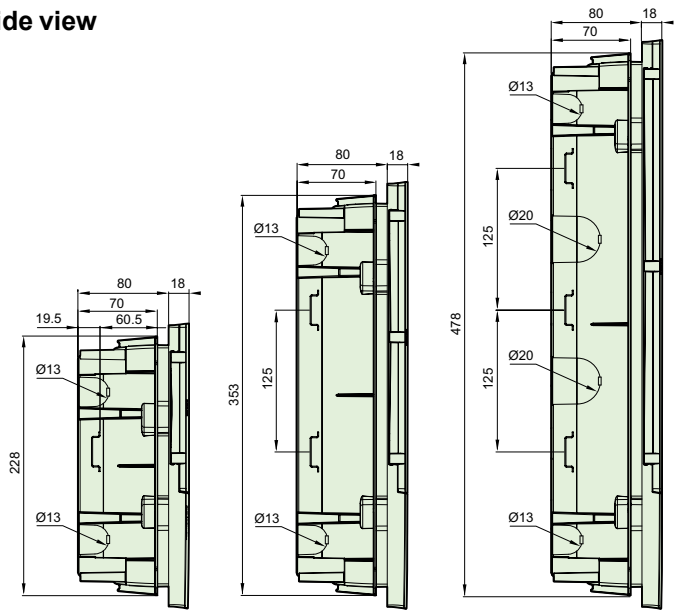


24 modules



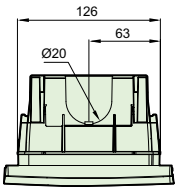
36 modules

Side view

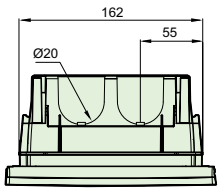


4, 6, 8, 12, 18 modules | 24 modules | 36 modules

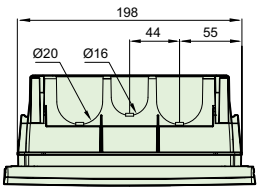
Top view



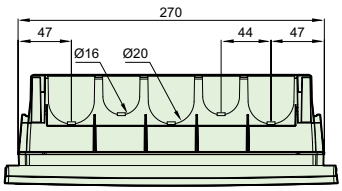
4 modules



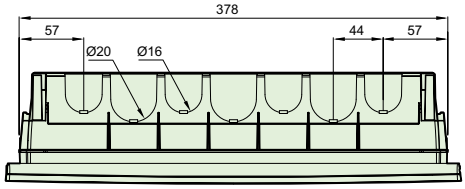
6 modules



8 modules



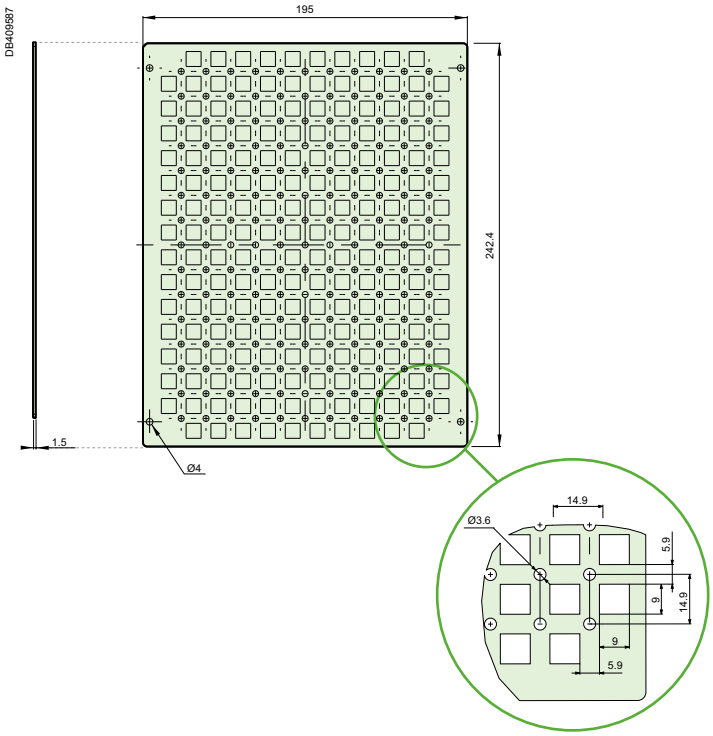
12, 24, 36 modules



18 modules

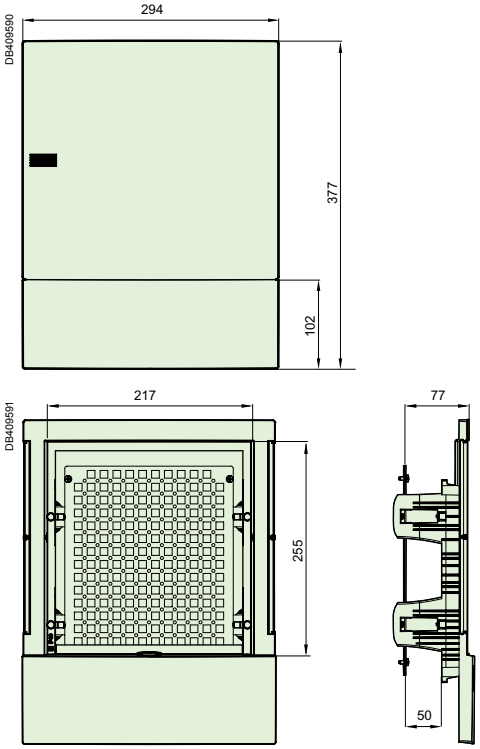
Dimensions
Mini Pragma
Flush mounting enclosures
Offer: Universal

Grid



Front view

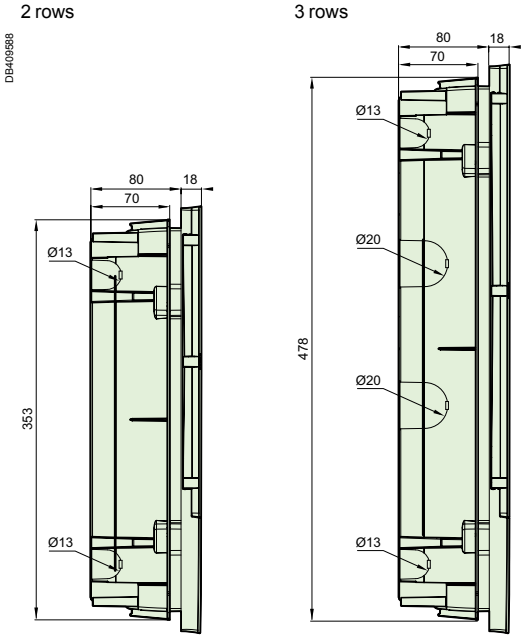
2 rows



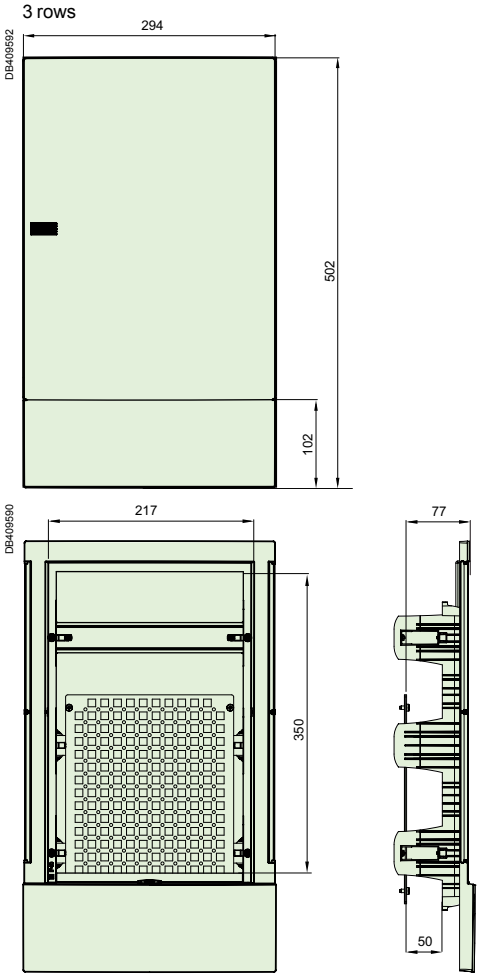
Side view

2 rows

3 rows

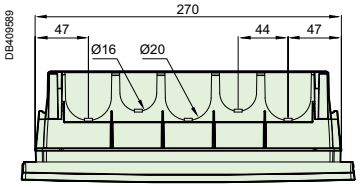


3 rows



Top view

2 and 3 rows



Surface and flush mounting enclosures

Pragma

Perfect harmony between simplicity, robustness and styling

> 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.

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.

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.

PB101361_SE-53

Enclosure

PB101382_SE-42

Interface

PB117759-13

Cable or tube entry

Mounting lugs
Allow rapid wall mounting.

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

Split neutral terminal block (2)
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 (1)**:**
- 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: 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

24-module enclosures **18-module enclosures** **13-module enclosures** **Interfaces**

PB101498_SE-56r

Modular terminal blocks with screwless quick connections for small cables

PB101513-64

Earth terminal blocks.

PB120092-4

PB101508-B

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

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 (1) material Resistant to fire and abnormal heat to (as per IEC 60695-2-11): ■ Front/cover: 650°C
	Door	13 and 18 modules	Plastic
		24 modules doors	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).

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	
				Earth terminal block	
13 modules	1	13	63 A	3 x 25□ + 11 x 4□	PRA10201
	2	26	63 A	3 x 25□ + 21 x 4□	PRA10202
	3	39	90 A	3 x 25□ + 21 x 4□	PRA10203
	4	52	90 A	4 x 25□ + 25 x 4□	PRA10204
18 modules	1	18	90 A	3 x 25□ + 21 x 4□	PRA10261
	2	36	90 A	3 x 25□ + 21 x 4□	PRA10262
	3	54	125 A	3 x 25□ + 21 x 4□	PRA10263
	4	72	125 A	6 x 25□ + 22 x 4□	PRA10264
24 modules	1	24	125 A	1 x 50□ + 1 x 25□ + 5 x (4 x 6□)	PRA13811
	2	48	125 A	1 x 50□ + 2 x 25□ + 6 x (4 x 6□)	PRA13812
	3	72	160 A	1 x 50□ + 2 x 25□ + 6 x (4 x 6□)	PRA13813
	4	96	160 A	1 x 50□ + 3 x 25□ + 7 x (4 x 6□)	PRA13814
	5	120	160 A	1 x 50□ + 3 x 25□ + 7 x (4 x 6□)	PRA13815
	6	144	160 A	1 x 50□ + 3 x 25□ + 7 x (4 x 6□)	PRA13816

Enclosure/interface association table (1)				Cat. no.	
Enclosures	Association with enclosures	Number of rows	Capacity in modules of 18 mm	Grey	White
PB101592_SE-16	13 modules 18 modules	1	7	PRA06118	PRA08118
		2	14	PRA06218	PRA08218
		3	21	PRA06318	PRA08318
or					
PB101503_SE-21	24 modules	1	7	PRA06124 (2)	-
		2	14	PRA06224 (2)	-
		3	21	PRA06324 (2)	-

(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.		
Opaque door for interfaces		Grey		
13 and 18 modules	1 row	PRA07118		
	2 rows	PRA07218		
	3 rows	PRA07318		
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

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

PB101498_SE-56r

24-module enclosures **18-module enclosures** **13-module enclosures** **Interfaces**

Modular terminal blocks with screwless quick connections for small cables

PB101513-64

Earth and neutral terminal blocks.

PB120092-4

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 (1) 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	-	■

PB101508-A

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

PB101508-B

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

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).

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
				Neutral / Earth terminal block	650°C	750°C
13 modules	1	13	63 A	(3x25□+11x4□)+(3x25□+11x4□)	PRA20113	PRA45113
	2	26	63 A	(3x25□+11x4□)+(3x25□+21x4□)	PRA20213	PRA45213
	3	39	90 A	(3x25□+21x4□)+(3x25□+21x4□)	PRA20313	PRA45313
	4	52	90 A	(4x25□+25x4□)+(4x25□+25x4□)	PRA20413	PRA45413
18 modules	1	18	90 A	(3x25□+11x4□)+(3x25□+21x4□)	PRA20118	PRA45118
	2	36	90 A	(3x25□+21x4□)+(3x25□+21x4□)	PRA20218	PRA45218
	3	54	125 A	(3x25□+21x4□)+(3x25□+21x4□)	PRA20318	PRA45318
	4	72	125 A	(4x25□+25x4□)+(5x25□+ 25x4□)	PRA20418	PRA45418
24 modules	1	24	125 A	(1x50□+2x25□+5x(4x6□))+(1x50□+1x25□+5x(4x6□))	PRA20124	PRA45124
	2	48	125 A	(1x50□+4x25□+6x(4x6□))+(1x50□+2x25□+6x(4x6□))	PRA20224	PRA45224
	3	72	160 A	(1x50□+4x25□+6x(4x6□))+(1x50□+2x25□+6x(4x6□))	PRA20324	PRA45324
	4	96	160 A	(1x50□+6x25□+7x(4x6□))+(1x50□+3x25□+7x(4x6□))	PRA20424	PRA45424
	5	120	160 A	(1x50□+6x25□+7x(4x6□))+(1x50□+3x25□+7x(4x6□))	PRA20524	PRA45524
	6	144	160 A	(1x50□+6x25□+7x(4x6□))+(1x50□+3x25□+7x(4x6□))	PRA20624	PRA45624

Enclosure/interface association table (1)				Cat. no.	
Enclosures	Association with enclosures	Number of rows	Capacity in modules of 18 mm	Grey	White
PB101502_SE-16	13 modules 18 modules	1	7	PRA06118	PRA08118
		2	14	PRA06218	PRA08218
		3	21	PRA06318	PRA08318
or					
PB101503_SE-21	24 modules	1	7	PRA06124 (2)	-
		2	14	PRA06224 (2)	-
		3	21	PRA06324 (2)	-

(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.		
Opaque door for interfaces		Grey		
13 and 18 modules	1 row	PRA07118		
	2 rows	PRA07218		
	3 rows	PRA07318		
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
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 as sociated to electrical distribution enclosure and guarantee a good final design.

Description

18-module enclosures **13-module enclosures**

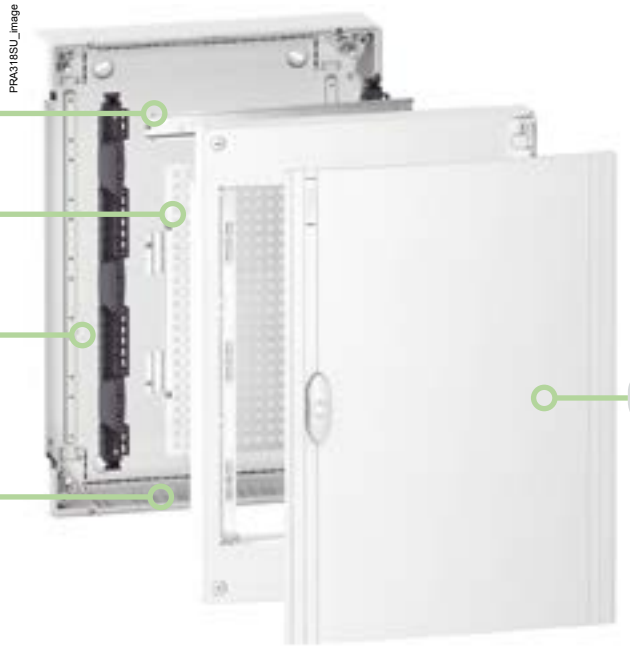
PB117399

PB117377

PB117386

PB117385

PRA318SU_image



Multi-position DIN rail
2 heights and 2 depths.

An universal grid can be mounted in **2 different positions**

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

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

A plain door delivered with enclosure

Pragma

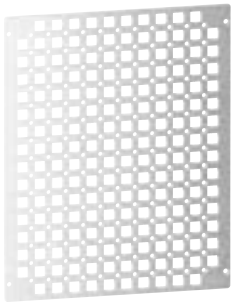
Surface mounting enclosures

Offer: Universal

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

PB117392

PB117393



P140586

DIN accessory

P140587

Box accessory

P140588

Screw accessory

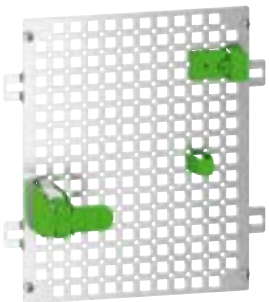
P140590

RJ45 accessory

P140589

Cable accessory

PB117394



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	Self-extinguishing Technoplastic (1) material Resistant to fire and abnormal heat to (as per IEC 60695-2-11): ■ Front/cover: 650°C ■ Back: 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

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	Lengh	Cat. no.
DIN accessory		
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**
Box accessory		
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**
Screw accessory		
Allow the tool-less fixing of the components using screws (splitters) ■ 2 Fix screw		
Fix Screw		**VDIR380003**
Cable accessory		
Allow the cable/patchcord management inside the telecom cabinet. ■ 2 Fix cable		
Fix cable		**VDIR380004**
RJ45 accessory		
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 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

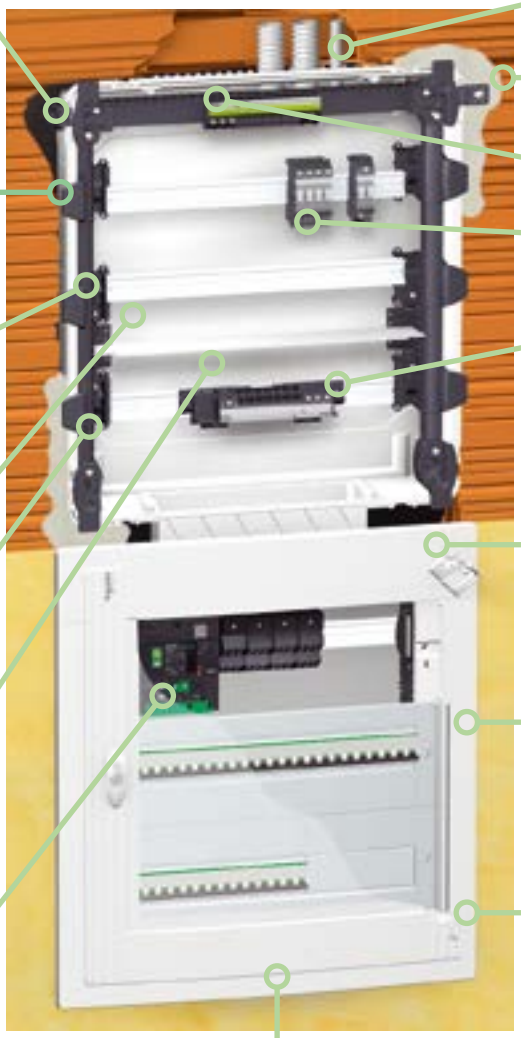
The range consists of enclosures with a width of 13, 18 or 24 modules of 1 to 6 rows. The entire range can be associated horizontally or vertically.

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

PB101409_SE-55

Enclosures

PB117760-13



Gypsum board mounting kit

Wall-mounted adjustable chassis
The chassis can be adjusted 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.

Split neutral terminal block (2)
Allows installation of a neutral terminal block between 2 rows near an RCD.

Multi-position DIN rail
2 heights and 2 depths.

Side pre-cutouts
Allow entry of cables or tubes.

Insulating screen

NSXm switch or circuit-breaker
Installed in 24-module enclosures thanks to a dedicated mounting plate. Can be equipped with a Vigi module and associated with the Polybloc 160.

Cable or tube entry

Mounting lugs
Allow flush mounting without cement.

Split neutral terminal block (1)
Allows installation of a neutral terminal block between 2 rows near an RCD.

Modular earth terminal block with quick connection:
- on chassis
- transformable into an incoming splitter block up to 125 A
- on DIN rail.

Association kit
Allows entry of cables after flush mounting of two associated enclosures.

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

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

Removable cable entry plates
Pre cut out for entry of cables or tubes.

(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.

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.

A whole host of flush mounting options

PB101512_68

Removable entry plates.

PB101510_A

Gypsum board mounting kit PRA90011.

PB101510_B

Mounting lugs allow wall-mounting without cement.

Wall-mounted chassis adjustable horizontally and in depth

PB101510_C

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

PB101510-E

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

PB101513-64

Earth and neutral terminal blocks.

PB120092-4

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**

PB101500_SE-56r

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 (1) material Resistant to fire and abnormal heat to (as per IEC 60695-2-11): ■ Front/cover: 650°C ■ Back: 650°C
	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 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	
				Earth terminal block	
13 modules	1	13	63 A	3 x 25² + 11 x 4²	PRA35113
	2	26	63 A	3 x 25² + 21 x 4²	PRA35213
	3	39	90 A	3 x 25² + 21 x 4²	PRA35313
	4	52	90 A	4 x 25² + 25 x 4²	PRA35413
18 modules	1	18	90 A	3 x 25² + 21 x 4²	PRA35118
	2	36	90 A	3 x 25² + 21 x 4²	PRA35218
	3	54	125 A	3 x 25² + 21 x 4²	PRA35318
	4	72	125 A	6 x 25² + 22 x 4²	PRA35418
24 modules	1	24	125 A	1 x 50² + 1 x 25² + 5 x (4 x 6²)	PRA13831
	2	48	125 A	1 x 50² + 2 x 25² + 6 x (4 x 6²)	PRA13832
	3	72	160 A	1 x 50² + 2 x 25² + 6 x (4 x 6²)	PRA13833
	4	96	160 A	1 x 50² + 3 x 25² + 7 x (4 x 6²)	PRA13834
	5	120	160 A	1 x 50² + 3 x 25² + 7 x (4 x 6²)	PRA13835
	6	144	160 A	1 x 50² + 3 x 25² + 7 x (4 x 6²)	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

Pragma

Flush mounting enclosures

Offer: with earth + neutral terminal blocks

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

A whole host of flush mounting options

PB101512_68

Removable entry plates.

PB101510_A

Gypsum board mounting kit PRA90011.

PB101510_B

Mounting lugs allow wall-mounting without cement.

Wall-mounted chassis adjustable horizontally and in depth

PB101510_C

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

PB101510_D

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

PB101510_E

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

PB101513_64

Earth and neutral terminal blocks.

PB120092_4

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**

PB101500_SE-56r

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 (1) material Resistant to fire and abnormal heat to (as per IEC 60695-2-11): ■ Front/cover: 650°C/750°C ■ Back: 650°C/850°C
	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	(3x25□+11x4□)+(3x25□+11x4□)	PRA40113	PRA25113
	2	26	63 A	(3x25□+21x4□)+(3x25□+21x4□)	PRA40213	PRA25213
	3	39	90 A	(3x25□+21x4□)+(3x25□+21x4□)	PRA40313	PRA25313
	4	52	90 A	(3x25□+21x4□)+(3x25□+21x4□)	PRA40413	PRA25413
18 modules	1	18	90 A	(3x25□+11x4□)+(3x25□+21x4□)	PRA40118	PRA25118
	2	36	90 A	(3x25□+21x4□)+(3x25□+21x4□)	PRA40218	PRA25218
	3	54	125 A	(3x25□+21x4□)+(3x25□+21x4□)	PRA40318	PRA25318
	4	72	125 A	(4x25□+25x4□)+(4x25□+25x4□)	PRA40418	PRA25418
24 modules	1	24	125 A	(1x50□+2x25□+5x(4x6□))+(1x50□+1x25□+5x(4x6□))	PRA40124	PRA25124
	2	48	125 A	(1x50□+4x25□+6x(4x6□))+(1x50□+2x25□+6x(4x6□))	PRA40224	PRA25224
	3	72	160 A	(1x50□+4x25□+6x(4x6□))+(1x50□+2x25□+6x(4x6□))	PRA40324	PRA25324
	4	96	160 A	(1x50□+6x25□+7x(4x6□))+(1x50□+3x25□+7x(4x6□))	PRA40424	PRA25424
	5	120	160 A	(1x50□+6x25□+7x(4x6□))+(1x50□+3x25□+7x(4x6□))	PRA40524	PRA25524
	6	144	160 A	(1x50□+6x25□+7x(4x6□))+(1x50□+3x25□+7x(4x6□))	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

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

PB117400

PB117376

13-module enclosures

PB117383

PB117384

PRA318FU_Image_fond blanc

Cable or tube entry

Mounting lugs
Allow flush mounting without cement.

Wall-mounted adjustable chassis
The chassis can be adjusted 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.

An universal grid can be mounted in **2 different positions**

Side pre-cutouts
Allow entry of cables or tubes.

A plain door delivered with enclosure

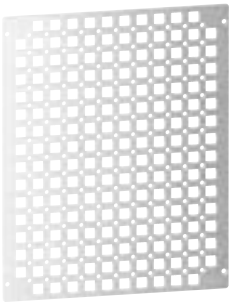
Pragma
Flush mounting enclosures
Offer: Universal

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

PB117389

PB117390

PB117393



P140586

DIN accessory

P140587

Box accessory

P140588

Screw accessory

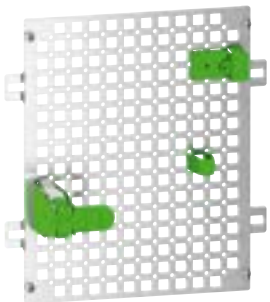
P140590

RJ45 accessory

P140589

Cable accessory

PB117394



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	Self-extinguishing Technoplastic (1) material Resistant to fire and abnormal heat to (as per IEC 60695-2-11): ■ Front/cover: 750°C ■ Back: 750°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

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	Lengh	Cat. no.
DIN accessory		
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**
Box accessory		
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**
Screw accessory		
Allow the tool-less fixing of the components using screws (splitters) ■ 2 Fix screw		
Fix Screw		**VDIR380003**
Cable accessory		
Allow the cable/patchcord management inside the telecom cabinet. ■ 2 Fix cable		
Fix cable		**VDIR380004**
RJ45 accessory		
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**

Installation accessories for enclosures

Selection table	Description	Surface	Flush	Cat. no.
Mounting accessories				
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**
Accessories for switchgear installation and finishing for grey version				
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**
Accessories for switchgear installation and finishing for white version				
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**
Locking accessories				
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**

Installation accessories for interfaces

Selection table	Description	Surface	Flush	Cat. no.
Mounting accessories				
Association kit	Internal association kit	•	•	**PRA90001**
	Metal reinforcement for external association for 24 modules	•	•	**PRA90003**
External mounting lugs	4 metal lugs	•	•	**PRA90009**
Accessories for switchgear installation and finishing for grey version				
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**
Accessories for switchgear installation and finishing for white version				
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.
Accessories for enclosures				
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**
Door accessories				
Hinge	Batch of 2	•	•	**PRA90043**

Connection accessories for enclosures

Selection table	Description		Surface	Flush	Cat. no.
Accessories for the connection of enclosures					
"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**
				•	**PRA90060**
		18 modules	•		**PRA90061**
				•	**PRA90062**
		24 modules	•	•	**PRA90063**
"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	•		**PRA91059**
				•	**PRA91060**
		18 modules	•		**PRA91061**
				•	**PRA91062**
		24 modules	•	•	**PRA91063**
ICP + 34 Kit	Can be installed in place of two DIN rails, for 24 modules H = 2 rows		•	•	**PRA90072**

Connection accessories for interfaces

Selection table	Description	Surface	Flush	Cat. no.
Accessories for the connection of interfaces				
"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**

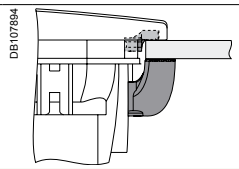
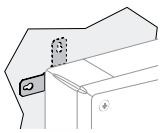
Modular Terminal blocks

Designation	Description	Surface	Flush	Cat.No
Terminal block components				
Terminal blocks	50 mm² terminal block kit, W = 2 blocks (batch of 2)	•	•	**PRA90045**
	25 mm² terminal block kit, W =1 block (batch of 5)	•	•	**PRA90046**
	4 x 6 mm² 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**
Earth terminal blocks				
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**
Accessories for neutral terminal blocks				
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**
Use as incoming splitter block				
Incoming spliter block kit	W = 1 block (batch of 4)	•	•	**PRA90048**

Compact terminal blocks

Designation	Description	Surface	Flush	Cat.No
Terminal block components				
Compact associable screwlesst terminal blocks / earth	1 x 6/25⌑ (screw) + 4 x 1.5/4⌑ (push/in) terminal block (63 A) + jumper	•	•	**LGYT1E05**
	3 x 6/25⌑ (screw) + 11 x 1.5/4⌑ (push/in) terminal block (63 A) + jumper	•	•	**LGYT1E14**
	3 x 6/25⌑ (screw) + 21 x 1.5/4⌑ (push/in) terminal block (63 A) + jumper	•	•	**LGYT1E24**
Compact associable screwlesst terminal blocks / Neutral	1 x 6/25⌑ (screw) + 4 x 1.5/4 ⌑ (push/in) terminal block (63 A) + jumper	•	•	**LGYT1N05**
	3 x 6/25⌑ (screw) + 11 x 1.5/4⌑ (push/in) terminal block (63 A) + jumper	•	•	**LGYT1N14**
	3 x 6/25⌑ (screw) + 21 x 1.5/4⌑ (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⌑ screw terminal block P/N (63 A)	•	•	**R9H13405**
	4 x 16⌑ screw terminal block P/P (63 A)	•	•	**R9H13405P**
	4 x 16⌑ screw terminal block N/N (63 A)	•	•	**R9H13405N**
	1 x 35⌑ + 6 x 16⌑ screw terminal block P/N (125 A)	•	•	**R9H13411**
	1 x 35⌑ + 6 x 16⌑ screw terminal block P/P (125 A)	•	•	**R9H13411P**
	1 x 35⌑ + 6 x 16⌑ screw terminal block N/N (125 A)	•	•	**R9H13411N**
Terminal block support	Terminal block support kit	•	•	**PRA90051**
Accessories for terminal blocks				
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)

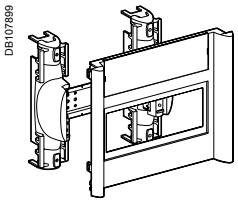
Mounting accessories		Cat. no.		
Designation	**Description**	**13 modules**	**18 modules**	**24 modules**
Flush mounting				
Association kit for		**PRA90004**	**PRA90005**	**PRA90005**
Gypsum wall mounting kit  DB107894		**PRA90011**	**PRA90011**	**PRA90011**
Surface mounting				
Association kit	Internal association kit	**PRA90001**	**PRA90001**	**PRA90001**
	Metal reinforcement for external association	-	-	**PRA90003**
External mounting lugs  DB107893	4 metal lugs	**PRA90009**	**PRA90009**	**PRA90009**

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**

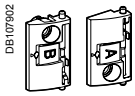
Locking accessories		Cat. no.		
Designation	**Description**	**13 modules**	**18 modules**	**24 modules**
Lock for enclosure door	Keylock 405 (supplied with 2 keys)	**PRA90039**	**PRA90039**	**PRA90039**
	Keylock 455/1242E/2433A (supplied with 2 keys of each type)	**PRA90055**	**PRA90055**	**PRA90055**
	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  DB107899	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**

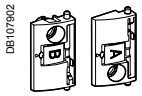
Installation accessories for enclosures (white)

Mounting accessories		Cat. no.		
Designation	**Description**	**13 modules**	**18 modules**	**24 modules**
Surface mounting				
FL21 entry flange support	For mounting FL21 entry flanges: 08881/08891/08892/08895/08896/08897	**-**	**-**	**PRA90023**
Accessories for switchgear installation and finishing for white version		**Cat. no.**		
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**
Flush mounting				
Cable entry plate		**PRA90025**	**PRA90026**	**PRA90026**
Surface mounting				
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 H = 1 row	**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 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**

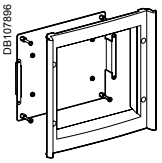
Spare parts

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**
Surface mounting				
Entry flanges	Batch of 2	**PRA90040**	**PRA90041**	**PRA90042**
Chassis	Kit for 1 row	**PRA90057**	**PRA90057**	**PRA90058**
Door accessories		**Cat. no.**		
Hinge 	Batch of 2	**PRA90043**	**PRA90043**	**PRA90043**

Connection accessories for surface mounting enclosures

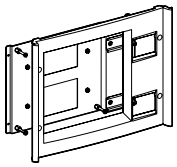
Accessories for the connection of enclosures		Cat. no.		
Designation	Description	For enclosures:		
		13 modules	18 modules	24 modules
"Blue" rate connection kit with white components	For control block cat. no. 13204 or monitoring panel cat. no. 13216 Can be installed in place of two DIN rails H = 2 rows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

DB107896



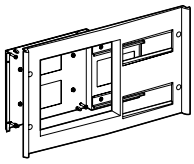
PRA91060

DB107898



PRA91062

DB107901

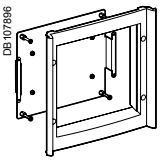


PRA91063

Connection accessories for flush mounting enclosures

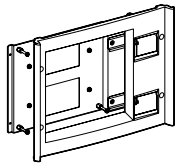
Accessories for the connection of enclosures		Cat. no.		
Designation	Description	For enclosures:		
		13 modules	18 modules	24 modules
"Blue" rate connection kit with white components	For control block cat. no. 13204 or monitoring panel cat. no. 13216 Can be installed in place of two DIN rails H = 2 rows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

DB107896



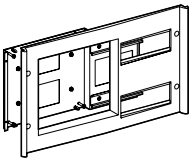
PRA91060

DB107898



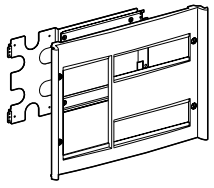
PRA91062

DB107901



PRA91063

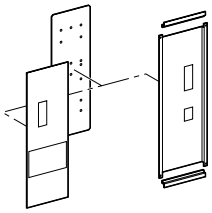
DB108276



Connection accessories for interfaces

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

DB107900



Electrical accessories: modular terminal blocks

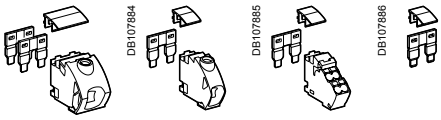
- Rated insulation voltage Ui: 800 V.
- Impulse withstand voltage Uimp: 8 kV.
- Behaviour with the current of short-circuit: the breaking capacity reinforced in filiations of the distributors and Minibloc connector blocks, was checked until 150 kA rms in the cases of associations apparatus upstream - 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

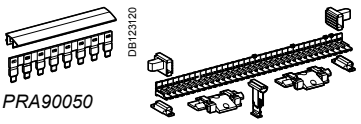
PB101638-68

DB107883 DB107884 DB107885 DB107886



PRA90045 PRA90046 PRA90047 PRA90049

DB123119 DB123120



PRA90050

PRA90051

These components can be used to implement and install a terminal block:
- on the chassis near the conductor entry
- on a DIN rail mounted on the enclosure chassis
- on the back of the enclosure or interface
- in the Prisma Plus switchboards on the functional uprights

Permissible current:
- 50 mm² terminal block kit: 160 A max. at 40°C
- 25 mm² terminal block kit: 90 A max. at 40°C
- 6 x 4 mm² terminal block kit: 63 A max. at 40°C
- 8-block junction kit:
  - 90 A with 1 junction
  - 160 A with 2 parallel-mounted junctions
- 2-block junction kit: 90 A.

Terminal blocks			Cat. no.
50 mm² terminal block kit	W = 2 blocks	Batch of 2	**PRA90045**
25 mm² terminal block kit	W = 1 block	Batch of 5	**PRA90046**
4 x 6 mm² 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			
Terminal block support kit	W = 34 blocks maximum	Batch of 1	**PRA90051**

Earth terminal blocks

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

Accessories for neutral terminal blocks

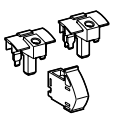
PB101641-19

DB107889

Split neutral terminal block support			Cat. no.
Support kit	W = 4 blocks	Batch of 1	**PRA90053**
Allows installation of a neutral terminal block between 2 rows near an RCD in a surface-mounted or flush-mounted enclosure			

PB101640-A

DB107890



Earth and neutral connector			Cat. no.
Connector kit	W = 1 block	Batch of 1	**PRA90052**
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.			

Use as incoming splitter block

PB101639-32

DB107891

			Cat. no.
Incoming splitter block kit	W = 1 block	Batch of 4	**PRA90048**
For converting terminal block kits PRA90045/PRA90046/PRA90047 into an incoming splitter block up to 125 A and 50 mm². Permissible current: ■ entry via PRA90046 (1 x 25 mm² - 1 block): 80 A ■ entry via PRA90045 (1 x 50 mm² - 2 blocks): 125 A Ui: 400 V and Uimp: 6 kV			

Electrical accessories: compact terminal blocks

- Rated insulation voltage Ui: 400 V.
- Impulse withstand voltage Uimp: 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

PB101451-03

PB120092-4

LGYT1E05_Image15 LGYT1E14_Image15 LGYT1E24_Image15

LGYT1••05 *LGYT1••14* *LGYT1••24*

LGYT4A01_Image15

LGYT4A01

R9H13411_Image11 R9H13411N_Image4 R9H13411P_Image4 R9H13405_Image3 R9H13405N_Image3 R9H13405P_Image4

R9H13411 *R9H13411N* *R9H13411P* *R9H13405* *R9H13405N* *R9H13405P*

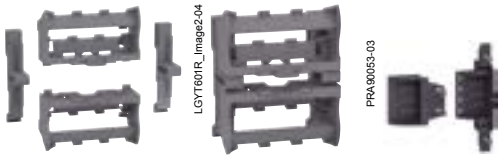
These components can be used to implement and install a terminal block:
- on the chassis near the conductor entry
- on a DIN rail mounted on the enclosure chassis
- in the Prisma Plus switchboards on the functional uprights

Compact associable screwlesst terminal blocks (1)	Earth	Neutral
1 x 6/25 ▫ (screw) + 4 x 1.5/4 ▫(2) (push/in) terminal block (63A) + jumper	**LGYT1E05**	**LGYT1N05**
3 x 6/25 ▫ (screw) + 11 x 1.5/4 ▫(2) (push/in) terminal block (63A) + jumper	**LGYT1E14**	**LGYT1N14**
3 x 6/25 ▫ (screw) + 21 x 1.5/4 ▫(2) (push/in) terminal block (63A) + jumper	**LGYT1E24**	**LGYT1N24**
Terminal block junction		
Compact associable terminal block junction kit Batch of 10	-	**LGYT4A01**
Screw insulated terminal block		
4 x 16 ▫ screw terminal block P/N (63A)	-	**R9H13405**
4 x 16 ▫ screw terminal block P/P (63A)	-	**R9H13405P**
4 x 16 ▫ screw terminal block N/N (63A)	-	**R9H13405N**
1 x 35 ▫ + 6 x 16 ▫ screw terminal block P/N (125A)	-	**R9H13411**
1 x 35 ▫ + 6 x 16 ▫ screw terminal block P/P (125A)	-	**R9H13411P**
1 x 35 ▫ + 6 x 16 ▫ screw terminal block N/N (125A)	-	**R9H13411N**
Terminal block support		
Terminal block support kit	-	**PRA90051**

(1) Rated connection capacity.
(2) Up to 6 mm² for rigid and stranded cables without ferrule limited to 32 A.

Accessories for terminal blocks

LGYT601R_Image20 LGYT601R_Image2-04 PRA90053-03



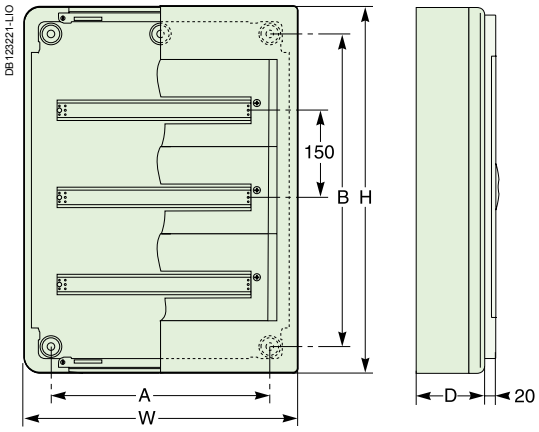
LGYT601R *PRA90053*

PB120043-4

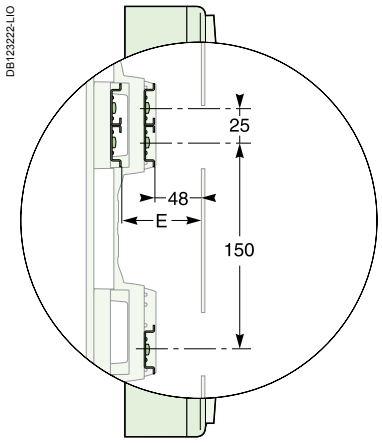
PB120049-45

Pragma/DIN rail support		
Support kit Batch of 1		**LGYT601R**
Allows installation of 4 screw 7 holes terminal block on Pragma terminal support or on DIN rail or 2 compact terminals on DIN rail		
Pragma Neutral Split support		
Support kit W = 4 blocks Batch of 1		**PRA90053**
Allows installation of a 1+4 neutral terminal block between 2 rows near an RCD		

Pragma
Surface mounting enclosures



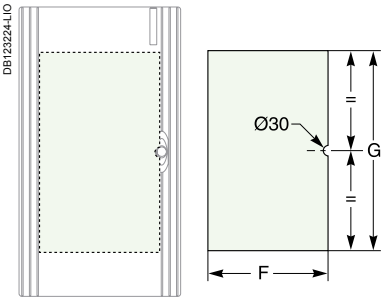
Enclosures		Dimensions (mm)								
		H	W	D	A	B	E	F	G	J
13 modules	1 R	300	336	123	160	200	73	253	149	
	2 R	450		(115)		350			299	
	3 R	600				500			449	
	4 R	750				650			599	
18 modules	1 R	300	426	125	250	200	73	343	149	
	2 R	450		(115)		350			299	
	3 R	600				500			449	
	4 R	750				650			599	
24 modules	1 R	300	550	148	340	150	78			121
	2 R	450		(136)		300				271
	3 R	600				450				421
	4 R	750				600				571
	5 R	900				750				721
	6 R	1050				900				871



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

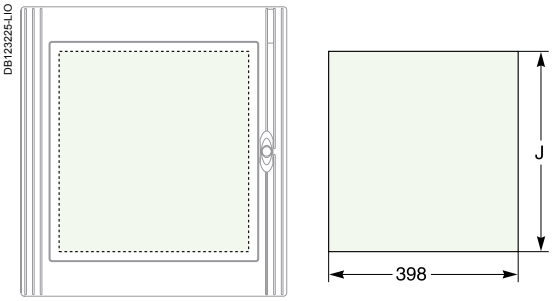
Panel for customisation of the transparent door

13- and 18-module enclosures

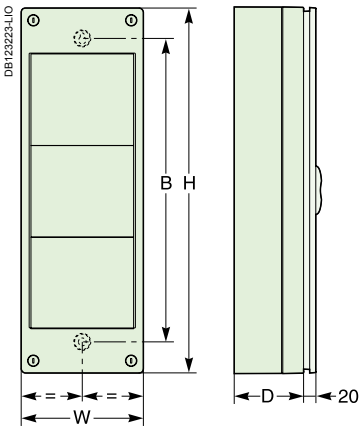


Panel thickness: 0.5 mm max.

24-module enclosures



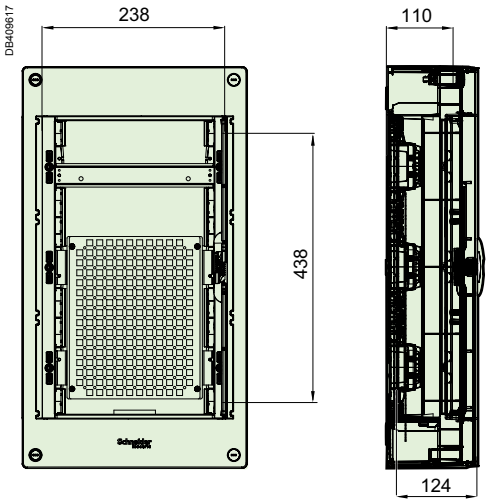
Panel thickness: 0.5 mm max.



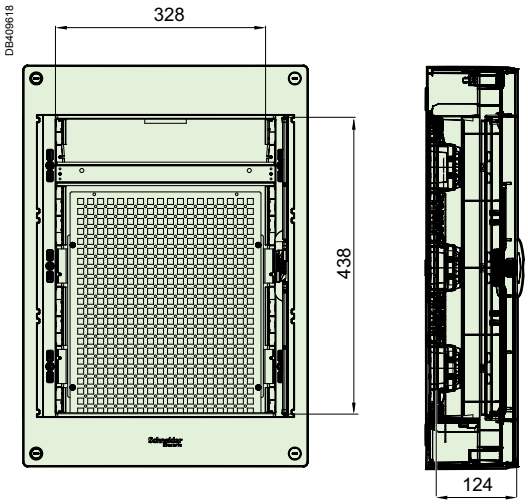
Interfaces	Association with enclosures	Dimensions (mm)			
		H	W	D	B
1 R	13 modules 18 modules	300	200	115	206
2 R		450			356
3 R		600			506
1 R	24 modules	300	200	136	175
2 R		450			325
3 R		600			475

Dimensions
Pragma
Surface mounting enclosures
Offer: Universal

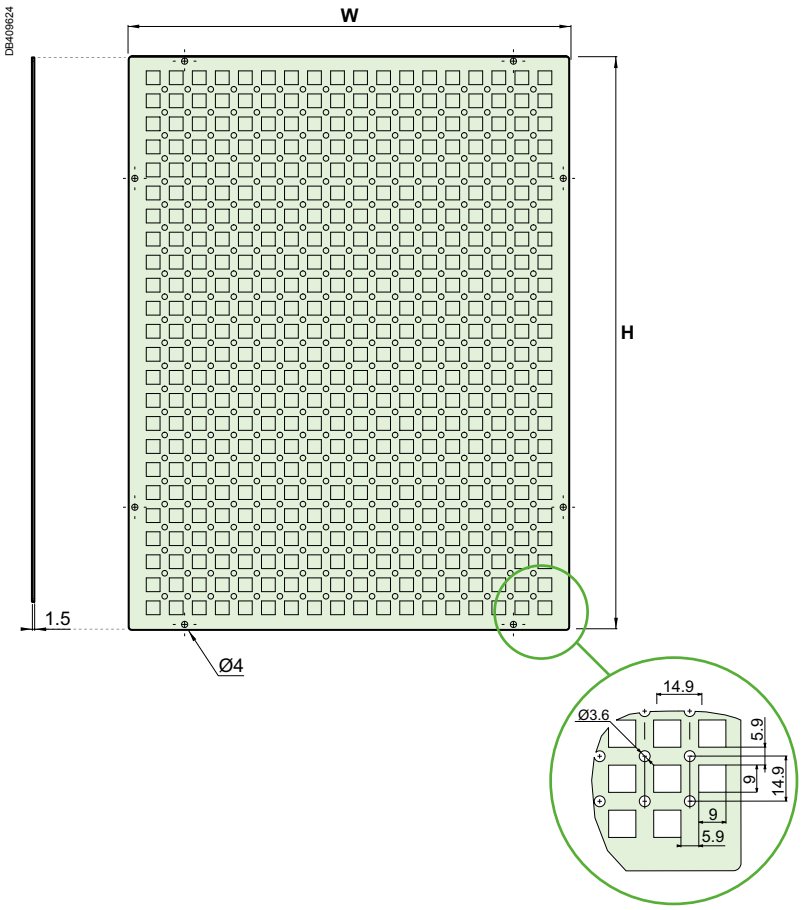
13 modules



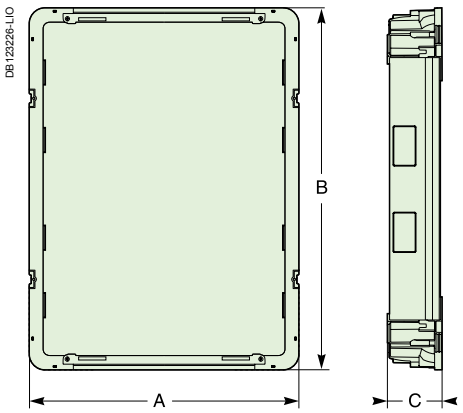
18 modules



Grid

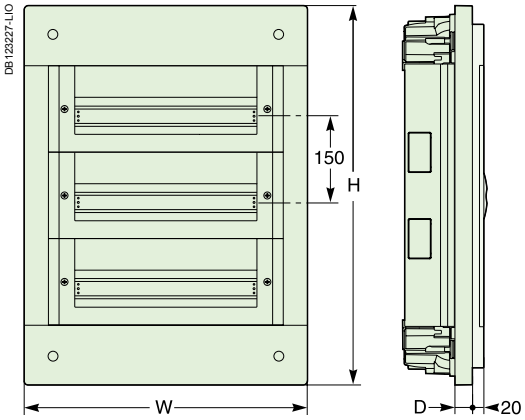


Enclosures	Dimensions (mm)	
	H	W
13 modules	242	195
18 modules	371	295



Base.

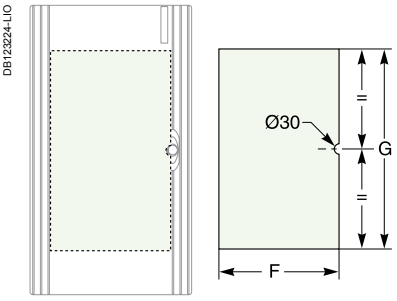
Enclosures		Dimensions (mm)									
		H	W	D	A	B	C	E	F	G	J
13 modules	1 R	360	396	21	366	330	86	67	253	149	
	2 R	510				480				299	
	3 R	660				630				449	
	4 R	810				780				599	
18 modules	1 R	360	486	23	456	330	86	67	343	149	
	2 R	510				480				299	
	3 R	660				630				449	
	4 R	810				780				599	
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



Enclosure.

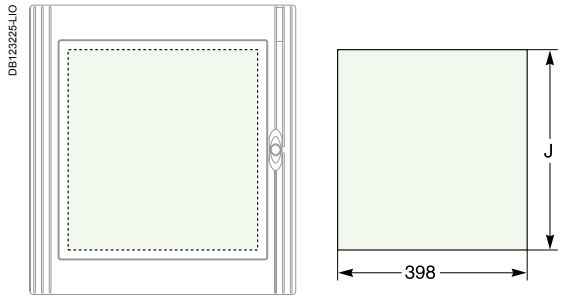
Panel for customisation of the transparent door

13- and 18-module enclosures

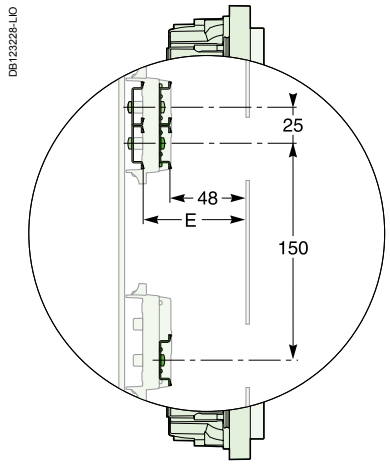


Panel thickness: 0.5 mm max.

24-module enclosures

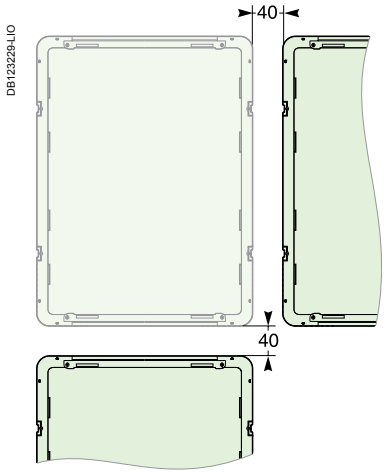


Panel thickness: 0.5 mm max.



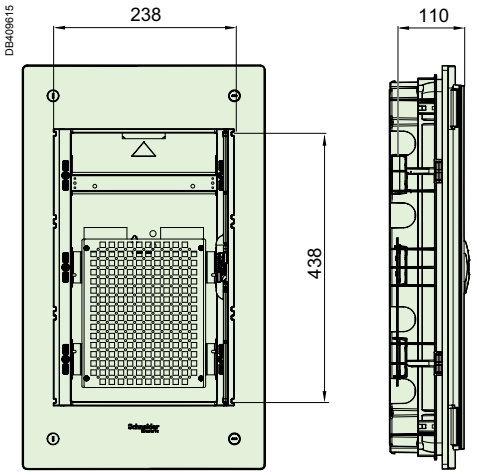
The different positions of the DIN rail in height and depth.

Horizontal and vertical association

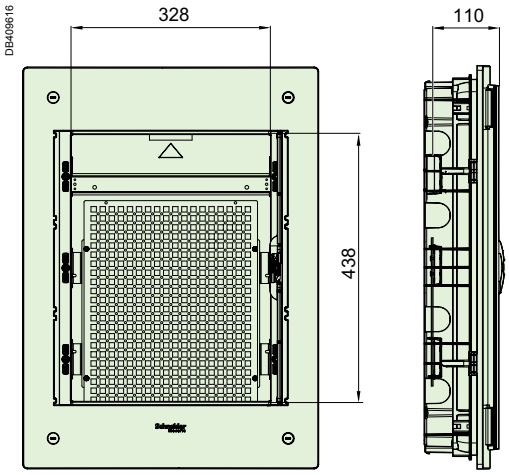


Dimensions
Pragma
Flush mounting enclosures
Offer: Universal

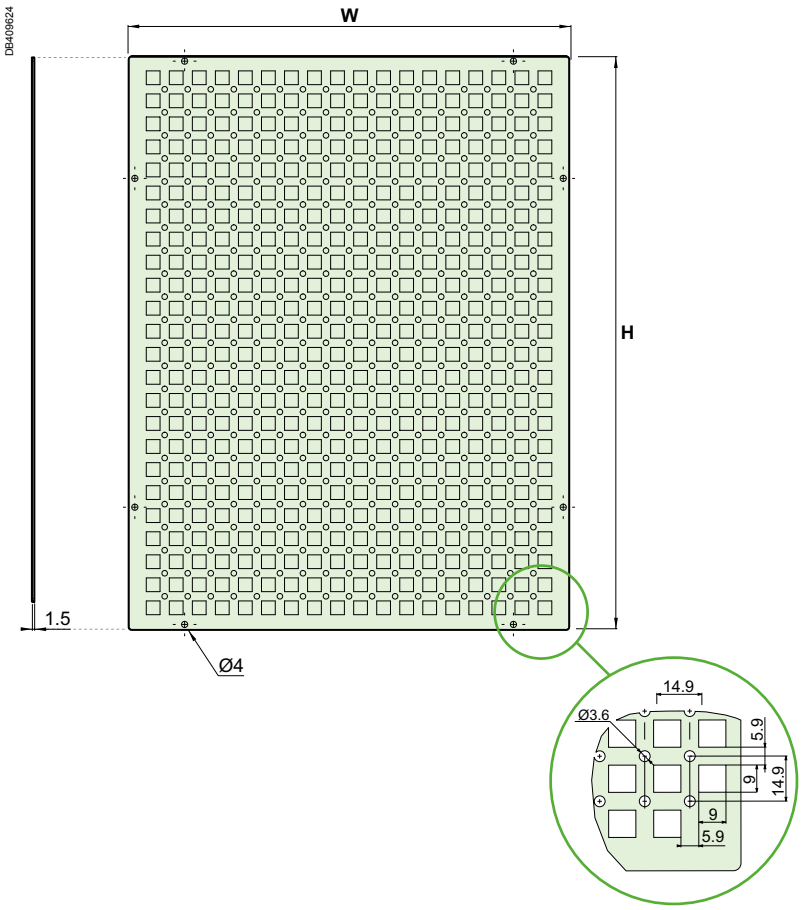
13 modules



18 modules



Grid



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

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.

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

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.

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.).

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.).

For tertiary, small contracting and industrial sectors
- For environments requiring optimum protection of persons and electrical switchgear.

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

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.

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.

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.

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.

059452
059170

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 atmospherics 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 (1)		Cat. no.
Rows	Total of modules	Dimensions (mm) W	H	D	Marking kit	Wiring strap	
Mini-enclosure							
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 plugsand 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.

059452
059170

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 atmospherics 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) M / PG	16	20	20 / 11	25 / 16	32 / 21	50 / 29/36	Dimensions (mm) W	H	D	Marking kit	Wiring strap	Terminal block support	Terminal block number of holes 4	8	16	22	32	
Mini-enclosures																				
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**
Enclosures																				
1	12		6		6	2	3		340	280	160	1	1	1	1	1				**13981**
	18				10	4	2	1	448	280	160	1	1	1	1		1			**13982**
2	24		6		6	2	3		340	460	160	2	2	1	1			1		**13983**
	36				10	4	2	1	448	460	160	2	2	1	1				1	**13984**
3	36		6		6	2	3		340	610	160	3	3	1	1				1	**13985**
	54				10	4	2	1	448	610	160	3	3	2	1			2		**13986**
4	72				10	4	2	1	448	842	160	4	4	2	1				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.

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.

059452
059170

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 atmospherics 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							4	8	16	22	32	
		PG			11	16	21	29/36	W	H	D									
Mini-enclosures																				
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**
Enclosures																				
1	12		6		6	2	3		340	280	160	1	1	1		2				**13431**
	18				10	4	2	1	448	280	160	1	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.

059452

059170

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 atmospherics 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) M	16	20	20	25	32	50	Dimensions (mm)			Marking kit	Wiring strap	Terminal block support	Terminal block number of holes					
		PG			11	16	21	29/36	W	H	D				4	8	16	22	32	
Mini-enclosures																				
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**
Enclosures																				
1	12		6		6	2	3		340	280	160	1	1	1		1				**13962**
	18				10	4	2	1	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	1	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	1	448	610	160	3	3	2				2		**13967**
4	72				10	4	2	1	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**
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.

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 atmospherics agents, UVs	
Optional locking of the door, sealing of the front face and front plates	

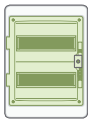
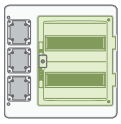
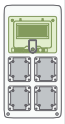
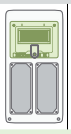
Enclosure catalogue numbers

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					13135	13136	13138	13143	
		PG		11	16	21	29/36	W	H	D						
Mini enclosures for power outlets (65 x 85 mm openings)																
4	1				1			98	248	98.5						**13175**
	2				1			98	310	98.5		1				**13176**
	3				1			98	392	98.5		1				**13177**
Enclosures for power outlets (90 x 100 mm openings)																
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**
Enclosures for interlocked power outlets (103 x 225 mm openings)																
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**

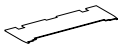
(1) Concentric pre-cutouts of the PG and ISO/metric type (EN 50262).
(2) Accessories also delivered:
- *mini enclosures: class II plugs*
- *enclosures: class II plugs, blanking plates (5 modules of 18 mm per row) and a marking kit.*

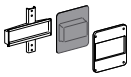
Note: flush-mounted power outlets, see 93145.

Catalogue numbers

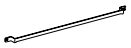
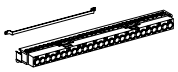
Name	Description		Use									Cat. no.
			Mini enclosures		Enclosures							
												
For enclosure implementation												
Association kit	2 sleeves + 4 nuts + 4 joints				•	•	•	•	•	•	•	13934
Wall mounting lugs (set of 4)					•	•	•	•	•	•	•	13935
Row separator	12 modules wide				•							13936
	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
For switchgear implementation												
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	12 modules			•	•						13944
		18 modules			•							13945
Slotted plate		150 x 250 mm			•	•				•		13941
For electrical connection												
Terminal blocks kit	5 x 4 holes (2 blue, 3 black)											
	2 black covers			•	•	•	•	•	•	•	•	13445
	2 green covers											
Terminal blocks kit	1 x 8 holes (blue)											
	1 green cover							•	•	•		13446
	1 support for 8 back mounting											
Terminal blocks kit	1 x 8 holes (blue)											
	1 green cover							•	•	•		13448
	1 support for 12 back mounting											
Terminal blocks kit	1 x 32 holes (blue)											
	1 green cover				•	•		•	•	•	•	13450
	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
For marking												
Self-adhesive symbols	Standard		•	•	•	•		•	•	•	•	13735
	Special		•	•	•	•		•	•	•	•	13736
Self-adhesive sheets for SIS marker printing			•	•	•	•		•	•	•	•	13260
For enclosure protection												
Sealing kit			•	•	•	•	•	•	•	•	•	13947
Keylock			•	•	•	•		•	•	•	•	13948
Insert	Triangle		•	•	•	•		•	•	•	•	13949
	Square		•	•	•	•		•	•	•	•	13950
For enclosure maintenance												
Front plate		12 modules			•	•					•	10200
		18 modules			•						•	10209
Chassis 1 row		12 modules			•	•		•	•	•	•	10210
		18 modules			•						•	10220

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	**13944**
		18 modules	**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 swtichgear implementation			Cat. no.
Type	**Description**		
Functional plates for 90x100 m m slot E88351	Adaptation (screwed-on) for 65 x 85 mm power outlets		**13136**
E88352	Blanking or adaptation (screwed on) for 65 x 65 mm or 75 x 75 mm power outlets (slot to be punched out)		**13137**
E95165	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**
E88843	Blanking for identification (clipped on)		**13141**
Functional plates for 103 x 225 mm slot E88354	Adaptation (screwed on) with 2 openings: 65 x 85 mm and 90 x 100 mm		**13142**
E88820	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**
E88819	Adaptation (screwed in) for 63 A 100 x 107 mm LV power outlet		**13144**
Interface kit for 90 x 100 mm slot for E88353	INS40 to 80 A (chassis + plate)	e.g. residual current circuit breaker (chassis + plate + membrane)	**13139**
E88844 	Modular switchgear up to 4 modules		**13140**
Slotted plate (150 x 250 mm) E88356	Screwed onto the back of the enclosure, used to fix non-modular devices		**13941**

Description (cont.)

For electrical connection			Cat. no.	
Type	**Description**			**Inclined version**
Terminal block support E88357	Flat iron (12 x 2 mm), 2 versions: screwed onto the pins or onto the chassis			
	Terminal block support for mini enclosure			
		4 modules	**13361**	
		6 modules	**13362**	
		8 modules	**13363**	
		12 modules	**13364**	
E88358 	**Terminal block support for enclosure**			
	On chassis			
		8 modules	**-**	**13925**
		12 modules	**13599**	**13597**
		18 modules	**13595**	**13598**
Set of insulated terminal blocks with IP42 covers E95147	**4 holes: clipped onto the terminal block supports, fixed onto walls by dovetails**			
		5 x 4 holes (2 blue, 3 black) 2 black covers 2 green covers	**13445**	
	8 holes: clipped onto the terminal block supports, clipped onto DIN symmetrical rail, screwed onto the back			
E95148		1 x 8 holes (blue) 1 green cover 1 support for 8 back mounting	**13446**	
E95149		1 x 8 holes (blue) 1 green cover 1 support for 12 back mounting	**13448**	
E95150 	**32 holes: clipped onto the terminal block supports**			
		1 x 32 holes (blue) 1 green cover 1 support for 18 back mounting	**13450**	
E88363 Wiring strap	Used to guide cables along walls for simplified cabling (set of 5)		**13946**	
E88361 Cable support sleeves	Used for incoming flexible cables		**14190**	
E88362 Cable glands	Used for cable and tube incoming, guaranteeing tightness and mechanical withstand			
		PG11	**83992**	
		PG13.5	**83993**	
		PG16	**83994**	
		PG21	**83995**	
		PG29	**83996**	
		PG36	**83997**	

For identification		
Type	**Description**	
Self-adhesive symbols E88364	Allows identification of feeders by symbols	
	Currents: loads (power outlet, lighting, convector, etc.), places (bedroom, bathroom, etc.)	**13735**
	Special: loads (surge arrester, gate, swimming pool, etc.), places (technical room, computer room, etc.)	**13736**
Self-adhesive sheets for SISmarker printing E88365	Allows printing of customised labels using the SISmarker software	**13260**

For enclosure protection			Cat. no.
Type	**Description**		
Sealing kit E88366	Used to seal the front face on the back (2 screws) and the front plates on the front face (4 kits)		**13947**
Keylock E88367	Eurolocks combination no. 850. Installed in the door.		**13948**
Insert E88368	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

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:

E94261

■ double pre-cutout:
□ external: pre-cutout adapted to the metric cable gland/ISO
□ internal: pre-cutout adapted to the PG cable gland.

E94262

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

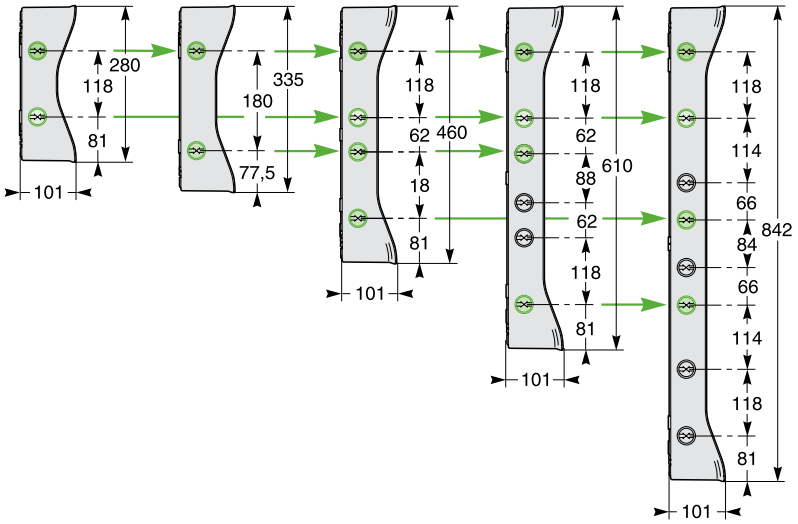
Associations

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.

DB123170-LIO



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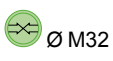
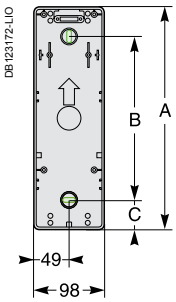
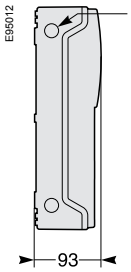


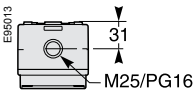
Dimensions
Kaedra
Waterproof enclosures

Mini enclosures

Power outlets



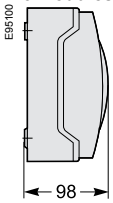




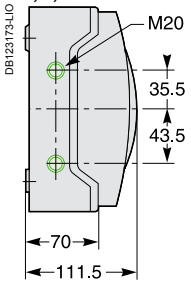
A	B	C	Weight (g)
248	166	41	550
310	228	41	600
392	310	41	700

Modular

3 modules

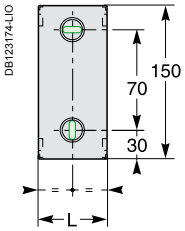


4, 6, 8 and 12 modules

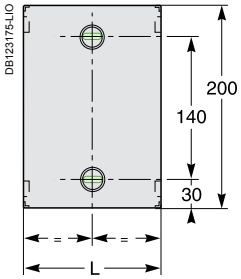


Number of modules	A	L	Weight (g)
3	-	80	300
4	-	123	500
6	-	159	650
8	88	195	850
12	160	267	1050

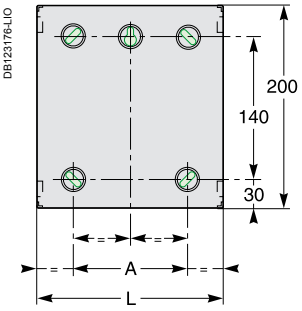
3 modules



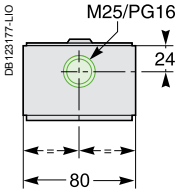
4 and 6 modules



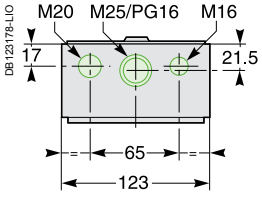
8 and 12 modules



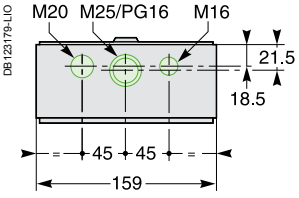
3 modules



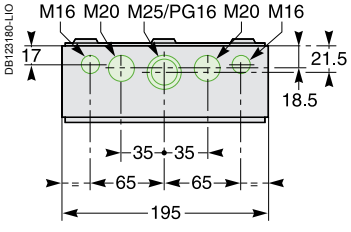
4 modules



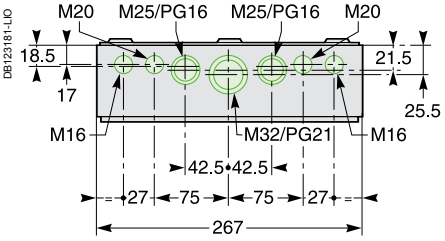
6 modules



8 modules

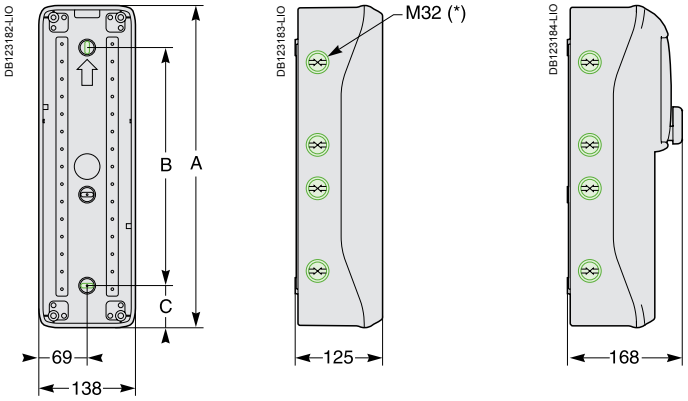


12 modules

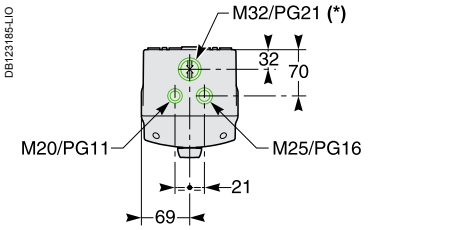


Enclosures

5 modules

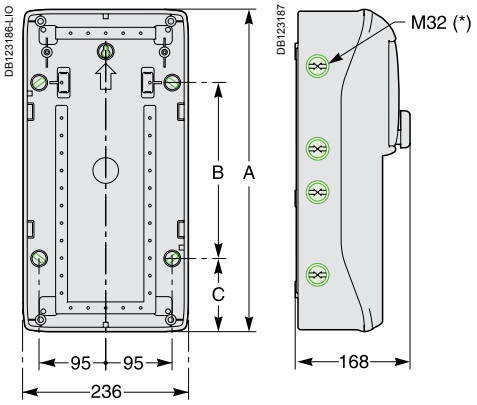


A	B	C	Weight (g)
460	251	104.5	1450
460	251	104.5	1250
460	251	104.5	1400
460	251	104.5	1400
610	490	60	1650

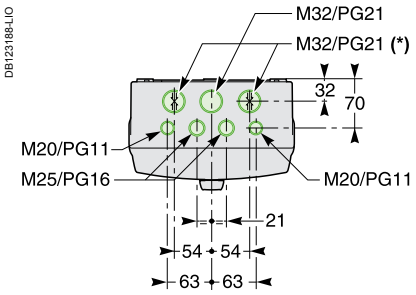


(*) pre-punchout also used for enclosure association

8 modules



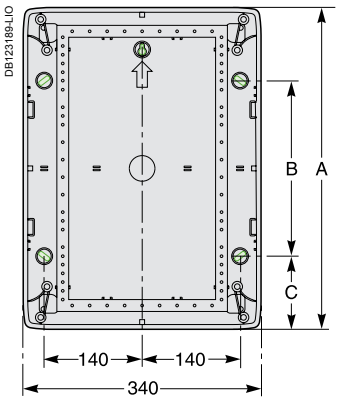
A	B	C	Weight (g)
460	251	104.5	2050
460	251	104.5	1900
460	251	104.5	1900

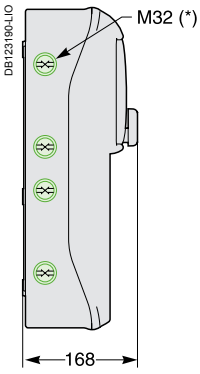


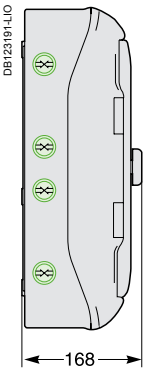
(*) pre-punchout also used for enclosure association

Enclosures

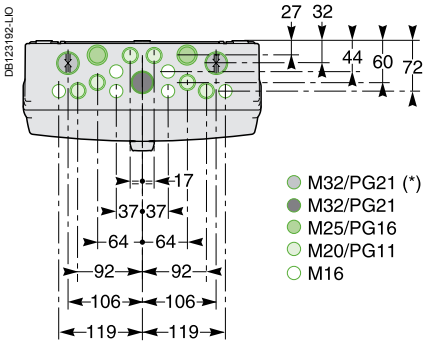
12-13 modules





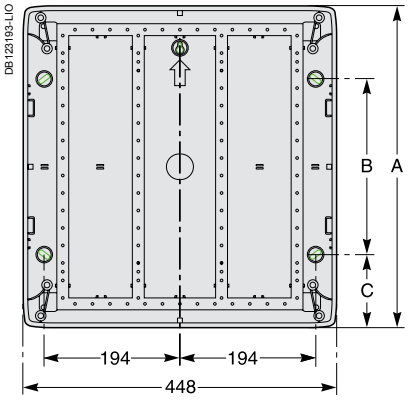


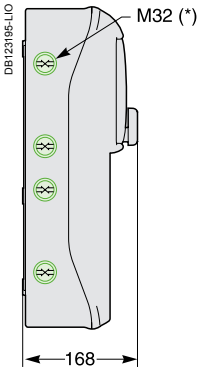
A	B	C	Weight (g)
280	118	81	1900
335	170	82.5	2200
335	170	82.5	2150
460	251	104.5	3100
460	251	104.5	2850
460	251	104.5	3300
460	251	104.5	2650
460	251	104.5	2700
610	401	104.5	4100
460	251	104.5	4550

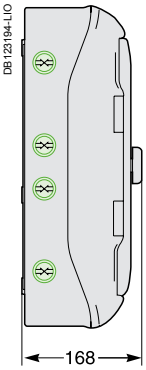


(*) pre-punchout also used for enclosure association

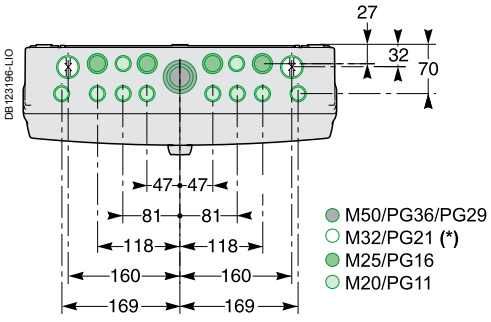
18-19 modules







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

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