PrismaSeT XS

Surface and flush enclosures

At Schneider Electric we work on solutions you use to propose to your clients.
This new offer is suitable for small businesses such as little shops and restaurants and also for High Residential installations.
Our complete solutions include large range of devices to control and monitor the loads and applications to manage them.

PrismaSeT XS

Benefits

- Enhanced level spelling for Electricians and installers
- Attractive design and fully robust
- Fully compatible with products from the Schneider Electric brand both devices and Distribution accessories
- Ease of installation
- Provides more flexibility to the consumer
- Wider range of terminal blocks (screw or screw-less) - provided or available as accessories

Removable Entry Cable

Removable entry cables easy to cut.

Removable DIN Rail
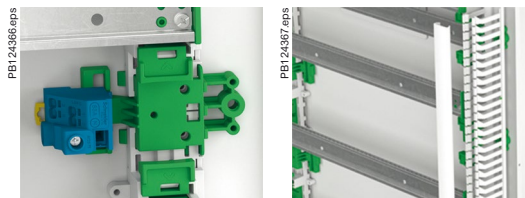
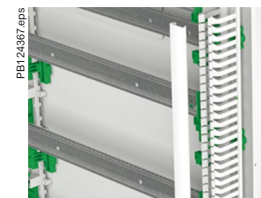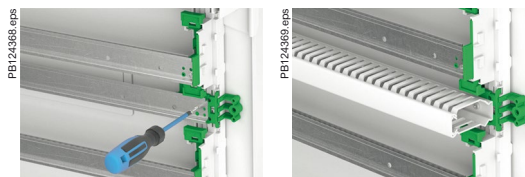Removable DIN rails facilitate wiring during realisation and maintenance.

Multifunction Accessory

Multifuction accessory allow to fix vertical and horizontal trunking, cables, or additional DIN rails or terminals between standard DIN.

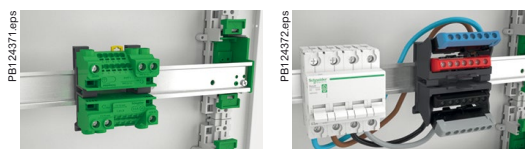### Terminal Block Installations

Terminal block are normally provided with support, but can also be installed on DIN rail thanks to adaptator.

Enclosure manufactured with recycled plastic.

Back of flush enclosure contains recycled material.

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Functions and technical data
PrismaSeT XS
Surface mounting enclosures

A range of ready-to-use enclosures devised for electricians: ergonomics and flexibility of installation. The PrismaSeT XS offer is particularly robust, especially the 24 Modules enclosures thanks to their metal back part of the structure.

Function

This distribution enclosure is intended for top of the range residential and tertiary sectors. All enclosures are provided with white Plain or Transparent door.
All PrismaSeT XS is suitable for all applications up to 125 A and can accommodate all proper Schneider Electric devices.
The 24 Modules enclosures can also accommodate a vertical Acti9 VDIS distributor 24 Modules size has Removable din Rail facilitates wiring and maintenance operations.
PrismaSeT XS is also integrating a Universal Version can be used for non-electrical distribution applications.
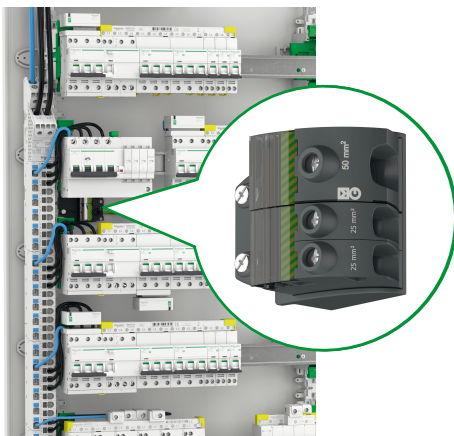
Description

24-Modules

18-Modules

Modular terminal blocks with screwless quick connections for small cables are provided in 18 and 24 Modules enclosure size

Earth terminal blocks.
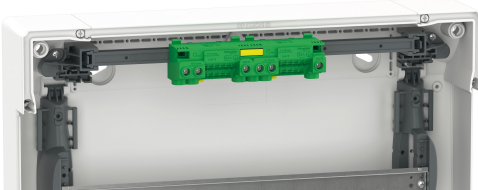
Vertical distribution with Screwless connection can be installed on lateral side of 24 Modules

Technical data

Type			
In conformity with standards	IEC 60670-1 and 24		
	IEC 61439-1 and 3		
Enclosure color	White RAL 90003		
Degree of protection	IP	With door: IP40	
	IK	With door: IK09	
Materials	Enclosure	13 and 18M Plastic 24 M Metal and plastic	Self-extinguishing technoplastic material Resistant to fire and abnormal heat to (as per IEC 60695-2-11): ■ Front/cover: 650°C
	Door (included)	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 PrismaSeT XS range has "total insulation": no components on the enclosure or door need be earthed.
Components installed on the door must be Class II or supplied by SELV.

Components delivered with each enclosure		
Type	**13/18 Modules**	**24 Modules**
Marking strips + label-guard	■	■
Blanking plate strip	■	■
Earth terminal Blocks(*): see cat. no.table	■	■
Identification label	■	■
Wiring accessories	-	■

PrismaSeT XS
Surface mounting enclosures

Catalogue numbers

Enclosures					Cat. no.	
Number of modules per row	Number of rows	Capacity in modules of 18 mm	Rated current In	Number and type of connections	White door	Transparent Door (1)
				Earth terminal block		
13 modules	1	13	63 A	(8 x 10/16□ + 8x 6□) screw		LVSXM113
	2	26	63 A	(8 x 10/16□ + 8x 6□) screw		LVSXM213
	3	39	90 A	(11 x 10/16□ + 11 x 6□) screw		LVSXM313
	4	52	90 A	(15 x 10/16□ + 15 x 6□) screw		LVSXM413
18 modules	1	18	90 A	3 x 6/25□ (screw) + 11 x 1.5/4□ (2) (push/in)	LVSXL118	LVSXM118
	2	36	90 A	3 x 6/25□ (screw) + 21 x 1.5/4□ (2) (push/in)	LVSXL218	LVSXM218
	3	54	125 A	6 x 6/25□ (screw) + 22 x 1.5/4□ (2) (push/in)	LVSXL318	LVSXM318
	4	72	125 A	6 x 6/25□ (screw) + 32 x 1.5/4□ (2) (push/in)	LVSXL418	LVSXM418
24 modules	2	48	125 A	3 x 6/25□ (screw) + 21 x 1.5/4□ (2) (push/in)	LVSXL224	LVSXM224
	3	72	125 A	3 x 6/25□ (screw) + 21 x 1.5/4□ (2) (push/in)	LVSXL324	LVSXM324
	4	96	125 A	6 x 6/25□ (screw) + 32 x 1.5/4□ (2) (push/in)	LVSXL424	LVSXM424
	5	120	125 A	6 x 6/25□ (screw) + 42 x 1.5/4□ (2) (push/in)	LVSXL524	LVSXM524
	6	144	125 A	6 x 6/25□ (screw) + 42 x 1.5/4□ (2) (push/in)	LVSXL624	LVSXM624

(1): Transparent door on 24Modules and Smoked door on 13 and 18 Modules
(2): Up to 6 mm² for rigid and stranded cables without ferrule limited to 32 A.

Door

Type		Cat. no.		
Door for enclosures		Transparent	Smoked	White Plain
13 modules	1 row	-	LVSXDS113	
	2 rows	-	LVSXDS213	
	3 rows	-	LVSXDS313	
	4 rows	-	LVSXDS413	
18 modules	1 row	-	LVSXDS118	LVSXDP118
	2 rows	-	LVSXDS218	LVSXDP218
	3 rows	-	LVSXDS318	LVSXDP318
	4 rows	-	LVSXDS418	LVSXDP418
24 modules	2 rows	LVSXDT224	-	LVSXDP224
	3 rows	LVSXDT324	-	LVSXDP324
	4 rows	LVSXDT424	-	LVSXDP424
	5 rows	LVSXDT524	-	LVSXDP524
	6 rows	LVSXDT624	-	LVSXDP624

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Presentation
PrismaSeT XS
Surface mounting enclosures

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

The PrismaSeT XS offer is particularly robus.

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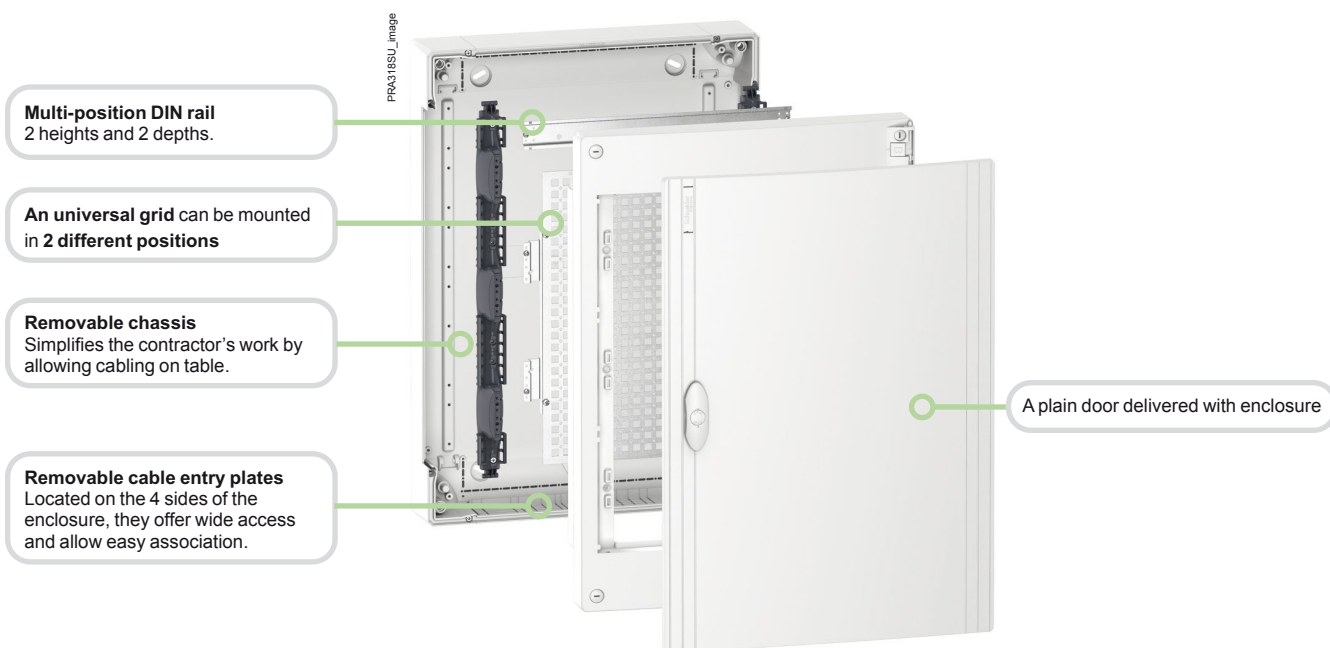
The consistency in design with distribution enclosure range allow best installation in term of aesthetic and technology.

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

Description

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

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.
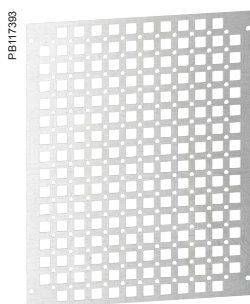
A plain door delivered with enclosure

Functions and technical data
PrismaSeT XS
Surface mounting enclosures

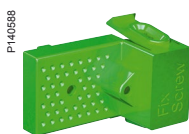A range of ready-to-use enclosures devised for electricians: ergonomics and flexibility of installation.
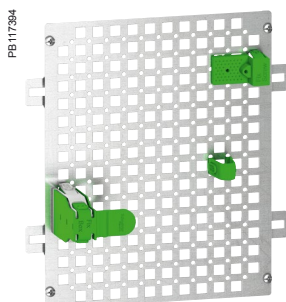

DIN accessory

Box accessory

Screw accessory

RJ45 accessory

Cable accessory

Technical data

Enclosures and interfaces			
In conformity with standard			IEC 60670-1
Enclosure color			White RAL 9003
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 PrismaSeT XS 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	**LVSXV313**
18 modules	3	**LVSXV318**

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**

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Presentation
Prisma**SeT** XS
Flush mounting enclosures

Prisma**SeT** XS is a modular enclosure range combining ergonomics, attractive design and robustness at top level.
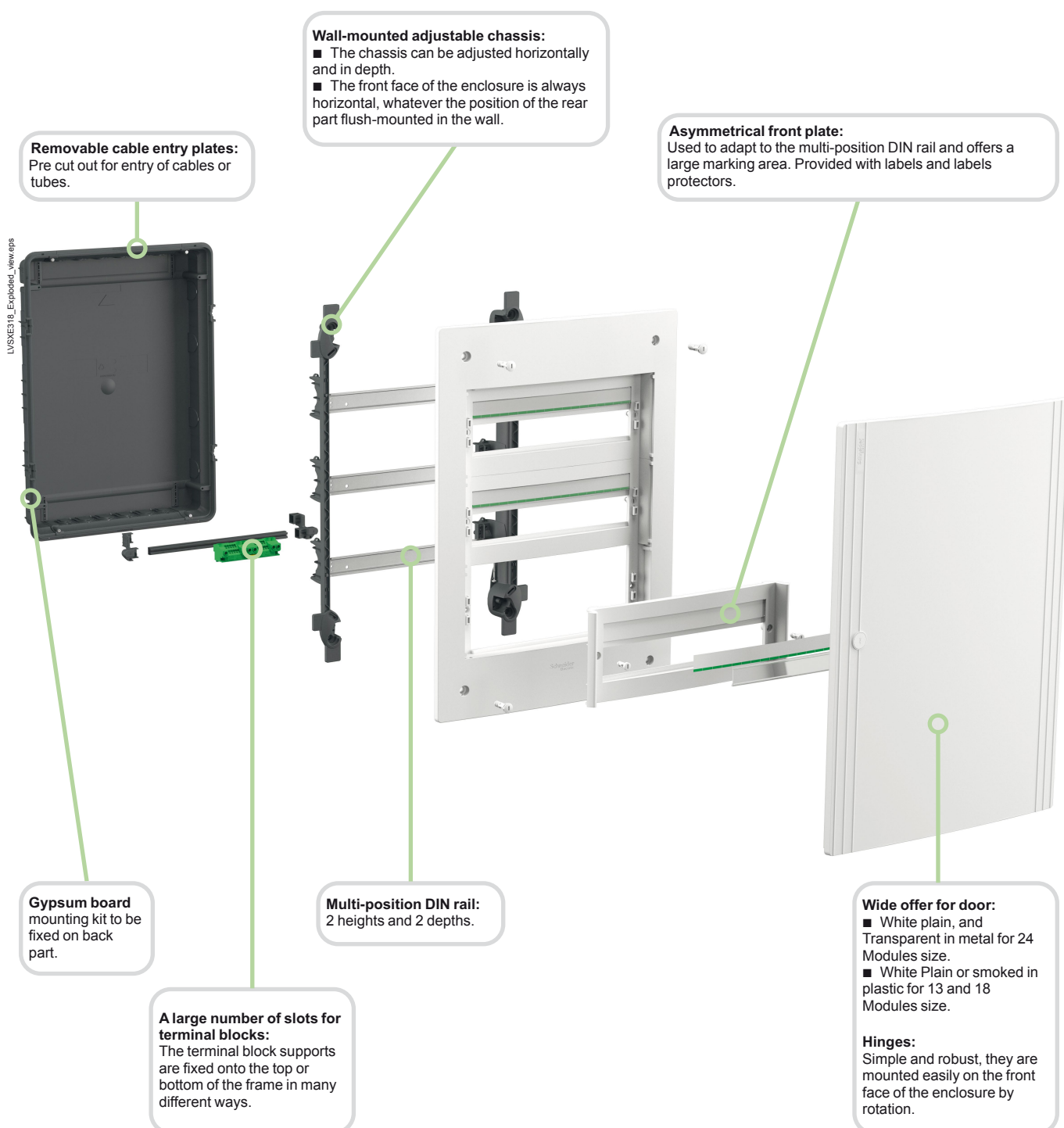This new enclosure, available in surface- and flush-mounted versions, has class II total insulation.

The flush mounting enclosures ▣

The range consists of enclosures with a width of 13, 18 or
Easy installation and large cabling space.
The chassis shapes are rounded and are cable friendly and finger safe.

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.

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

Asymmetrical front plate:
Used to adapt to the multi-position DIN rail and offers a large marking area. Provided with labels and labels protectors.

LVSXE318_Exploded_view.eps

Gypsum board
mounting kit to be fixed on back part.

A large number of slots for terminal blocks:
The terminal block supports are fixed onto the top or bottom of the frame in many different ways.

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

Wide offer for door:
■ White plain, and Transparent in metal for 24 Modules size.
■ White Plain or smoked in plastic for 13 and 18 Modules size.

Hinges:
Simple and robust, they are mounted easily on the front face of the enclosure by rotation.
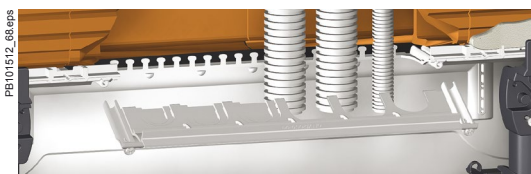
Functions and technical data
PrismaSeT XS
Flush mounting enclosures

A range of ready-to-use enclosures devised for electricians: ergonomics and flexibility of installation. The PrismaSeT XS offer is particularly robust, especially the 24 Modules enclosures thanks to their metal back part of the structure.

Function

This distribution enclosure is flush-mounted in masonry or in gypsum partition.
All enclosures are provided with white Plain or Transparent door.
It is intended for the top of the range residential and tertiary sectors.
All PrismaSeT XS is suitable for all applications up to 125 A and can accommodate all proper Schneider Electric devices.
PrismaSeT XS is also integrating a Universal Version can be used for non-electrical distribution applications.

A whole host of flush mounting options

Removable entry plates.

Gypsum board mounting kit LVSXX5.

Wall-mounted chassis adjustable horizontally and in depth

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

Modular terminal blocks with screwless quick connections for small cables

Screwless terminal blocks are provided in 18 and 24 Modules

Description

18 Modules

Type		
In conformity with standards	IEC 60670-1 and 24	
	IEC 61439-1 and 3	
Enclosure color	White RAL 9003	
Degree of protection	IP	With door: IP40
	IK	With door: IK09
Materials Enclosure	18 M Plastic	Self-extinguishing technoplastic material Resistant to fire and abnormal heat to (as per IEC 60695-2-11): ■ Front/cover: 18M 650°°C ■ Back: 650°°C to 850°°C
Door	18 modules	Plastic
Insulation		Class 2
Rated insulation voltage (Ui)		< 400 V

Advantage: thanks to its design, the entire PrismaSeT XS range has "total insulation": no components on the enclosure or door need be earthed.
Components installed on the door must be Class II or supplied by SELV.

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

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Functions and technical data
PrismaSeT XS
Flush mounting enclosures

Catalogue numbers

Enclosures					Cat. no.			
Number of modules per row	Number of rows	Capacity in modules of 18 mm	Rated current In	Number and type of connections	White door		Transparent Door (1)	
				Earth terminal block	GWT 650/650	GWT 650-750 /850	GWT 650/650	GWT 650-750 /850
18 modules	2	36	90 A	3 x 6/25▫ (screw) + 21 x 1.5/4▫ (2) (push/in)				LVSXH218
	3	54	125 A	6 x 6/25▫ (screw) + 22 x 1.5/4▫ (2) (push/in)				LVSXH318
	4	72	125 A	6 x 6/25▫ (screw) + 32 x 1.5/4▫ (2) (push/in)				LVSXH418

(2): Up to 6 mm² for rigid and stranded cables without ferrule limited to 32 A.

Door

Type		Cat. no.		
Door for enclosures		Transparent	Smoked	White Plain
18 modules	2 rows	-	LVSXDS218	LVSXDP218
	3 rows	-	LVSXDS318	LVSXDP318
	4 rows	-	LVSXDS418	LVSXDP418

PrismaSeT S

Surface enclosures

At Schneider Electric we work on solutions you use to propose to your clients.
This new offer is suitable for small businesses such as little shops and restaurants and also for High Residential installations.
Our complete solutions include large range of devices to control and monitor the loads and applications to manage them.

PrismaSeT S

Benefits

- Enhanced level regonomics for Electricians and installers
- Attractive design and fully robust
- Fully compatible with products from the Schneider Electric brand both devices and Distribution accessories
- Ease of installation
- Provides more flexibility to the consumer
- Wider range of terminal blocks - provided or available as accessories
- Complete range of modular enclosures and accessories designed for application up to 160A

Enclosure manufactured with recycled plastic.

Most of the plastic components contain recycled material.

Removable DIN Rail

Removable DIN rails facilitate wiring during realisation and maintenance phase.

Removable lateral side and Top/Bottom Part

Sides and Top/Bottom parts can be removed to give access of wiring during both phases, panel realisation and maintenance.
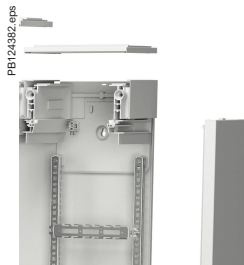
NSXm Installations

Thanks to NSXm devices it's easier to realize Panels up to 160A, NSXm could be installed on DIN rail or dedicated plate, into enclosure or lateral duct.

VDIS

Vertical distribution VDIS allow to reduce installation time and connection availibility on all.
160 A version is provided with flexible cables.
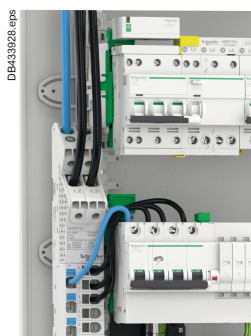
SPD Connector Kit

Brings main earth connector up to 50 mm near SPD reducing wiring lenght.

Lateral Duct

On 6-7-8 row size, is also available a version with integrated lateral duct can be used to allocate terminals, cables or main incomer, improving accessibility and making easier installation phase.

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Presentation
PrismaSeT S
Surface mounting enclosures

Offering a selection of robusts, the simple-to-install surface mounted modular enclosures Prisma**Set** S provide you with maximum flexibility whilst ensuring installations stay thoroughly protected.
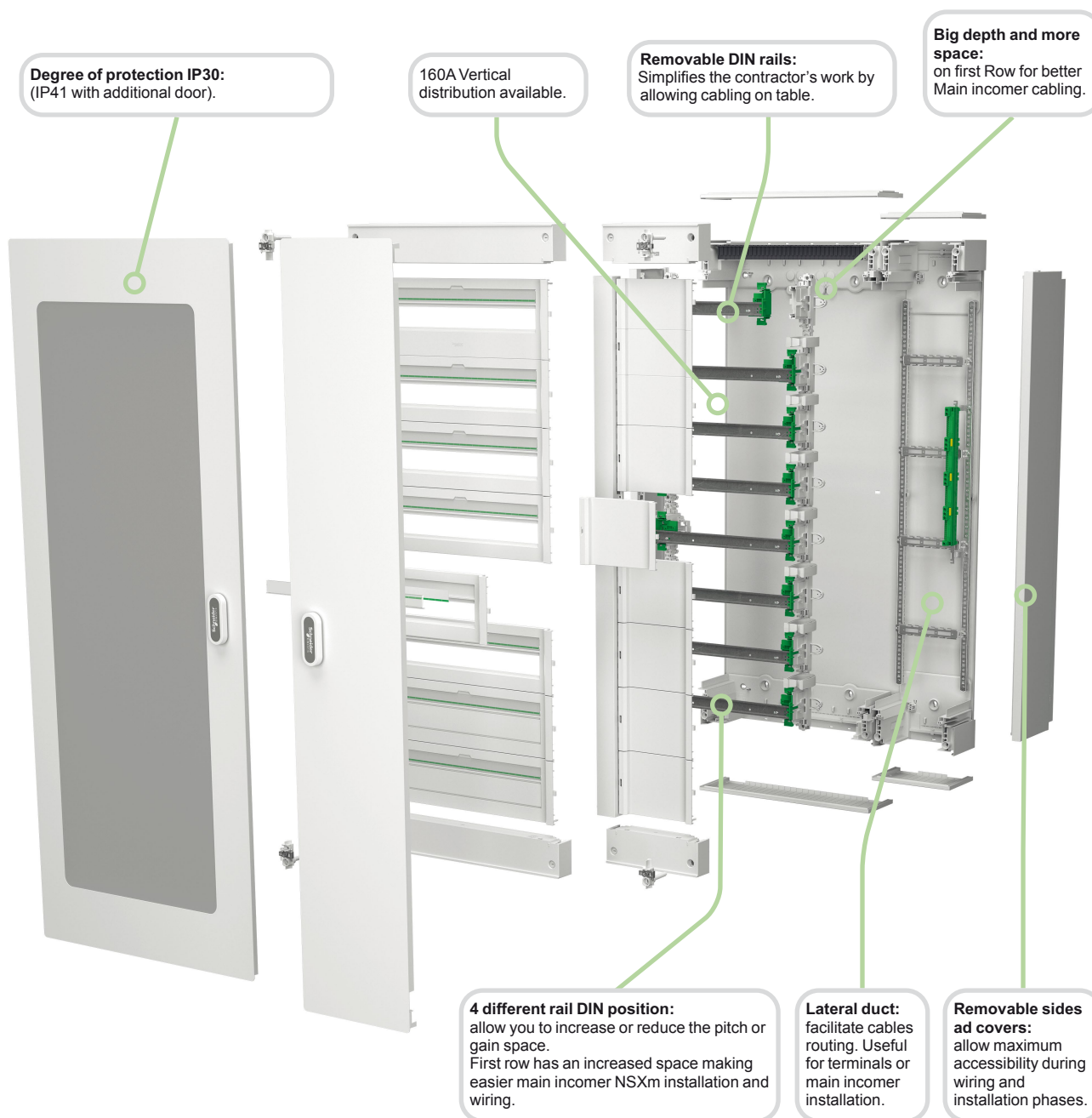This new enclosure, available in surface- mounted versions,has class ll total insulation.

The surface mounting enclosures ▣

The range consists of enclosures with a width of 24 modules of 4 to 8 rows.
The 6-7-8 row is also available with integrated lateral duct.
Wide accessibility thanks to all removable sides and large cabling space make easier the wiring and the installation.

Benefits

- Attractive design and fully robust
- Ease of installation
- Wider range of terminal blocks provided or available as accessories
- Enhanced level ergonomics for Electricians and installers
- Fully compatible with products from the Schneider Electric

Degree of protection IP30: (IP41 with additional door).

160A Vertical distribution available.

Removable DIN rails: Simplifies the contractor's work by allowing cabling on table.

Big depth and more space: on first Row for better Main incomer cabling.

4 different rail DIN position: allow you to increase or reduce the pitch or gain space. First row has an increased space making easier main incomer NSXm installation and wiring.

Lateral duct: facilitate cables routing. Useful for terminals or main incomer installation.

Removable sides ad covers: allow maximum accessibility during wiring and installation phases.

LVSSD824_Exploded_view.eps

Functions and technical data
PrismaSeT S
Surface mounting enclosures

A range of ready-to-use enclosures devised for electricians: ergonomics and flexibility of installation. The PrismaSeT S offer is particularly robust, thanks to their metal structure, already assembled.

Thanks to internal plastic, the entire PrismaSeT S range has "total insulation" no components on the enclosure, duct or door, need to be earthed.

Function

This Wall-mounted distribution enclosure is intended for top of the range residential and tertiary sectors.

The enclosures and the lateral duct have a bigger space on first row to accommodate the NSXm 160 incoming circuit-breaker or switch, equipped if necessary with an earth leakage protection module and a vertical Acti**9** VDIS distributor.

Removable din Rail facilitates wiring and maintenance operations.

All enclosures can be equipped with white Plain or Transparent door, only white plain door available for lateral duct

Description

24-Modules enclosures

24-Modules enclosures + lateral duct

Modular terminal blocks with screwless quick connections for small cables are provided

Earth terminal blocks.

VDIs distributor installed on side of Din rail for a vertical ditribution
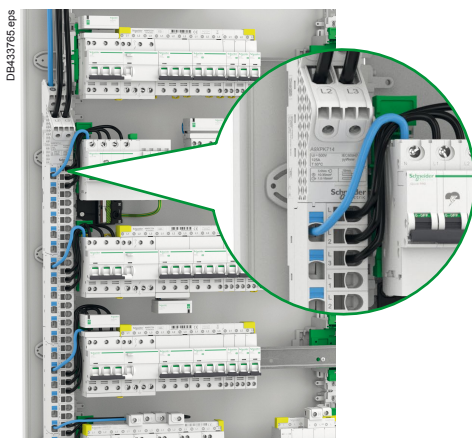
Technical data

Type			
In conformity with standards	IEC 61439-1, 2 and 3		
Enclosure color	White RAL 90003		
Degree of protection	IP	Without door: IP30	
		With door: IP41	
	IK	Without door: IK08	
		With door: IK09	
Materials	Enclosure	Metal and plastic	Self-extinguishing technoplastic material for Class 2 insulation Resistant to fire and abnormal heat to (as per IEC 60695-2-11): 750°C
	Door		Metal and glass
Insulation			Class 2
Rated insulation voltage (Ui)			< 400 V

Components installed on the door must be Class II or supplied by SELV.

Components delivered with each enclosure and interface		
Type	24 Modules	24 Modules + duct
Marking strips + label-guard	∎	∎
Blanking plate strip	∎	∎
Earth terminal Blocks(*): see cat. no.table	∎	∎
Wiring accessories	∎	☐
Support for Rail DIN terminals and cable fixing	∎	∎
1 Modular plate H=175	∎	∎
Modular plate H=150 (qty= number of total row -1)	∎	∎
1 plain plate H=325 on duct	☐	∎
Plain plate H=150 on lateral duct (qty= number of total row -2)	☐	∎

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PrismaSeT S
Surface mounting enclosures

Catalogue numbers

Enclosures					Cat. no.	
Number of modules per row	**Number of rows**	**Capacity in modules of 18 mm**	**Rated current In**	**Number and type of connections**	**Enclosure 24 Modules**	**Enclosure 24 Modules + duct**
				Earth terminal block		
24 modules	4	96	160 A	6 x 6/25▫ (screw) + 42 x 1.5/4▫ (1) (push/in)	**LVSST424**	-
	5	120	160 A	9 x 6/25▫ (screw) + 63 x 1.5/4▫ (1) (push/in)	**LVSST524**	-
	6	144	160 A	9 x 6/25▫ (screw) + 63 x 1.5/4▫ (1) (push/in)	**LVSST624**	**LVSSD624**
	7	168	160 A	12 x 6/25▫ (screw) + 84 x 1.5/4▫ (1) (push/in)	**LVSST724**	**LVSSD724**
	8	192	160 A	12 x 6/25▫ (screw) + 84 x 1.5/4▫ (1) (push/in)	**LVSST824**	**LVSSD824**

(1): Up to 6 mm² for rigid and stranded cables without ferrule limited to 32 A.

Door

Type		Cat. no.		
Door for enclosures		**Transparent**	**White Plain**	**White Plain for Duct**
24 modules	4 row	**LVSSDT424**	**LVSSDP424**	-
	5 rows	**LVSSDT524**	**LVSSDP524**	-
	6 rows	**LVSSDT624**	**LVSSDP624**	**LVSSDD6**
	7 rows	**LVSSDT724**	**LVSSDP724**	**LVSSDD7**
	8 rows	**LVSSDT824**	**LVSSDP824**	**LVSSDD8**

PrismaSeT S

ACCESSORIES

At Schneider Electric we work on solutions you use to propose to your clients.
This new offer is suitable for small businesses such as little shops and restaurants and also for High Residential installations.
Our complete solutions include large range of devices to control and monitor the loads and applications to manage them.

Accessories
PrismaSeT XS
Mounting enclosures

Installation accessories for enclosures

Selection table	Description	Surface	Flush	Cat. no.
Mounting accessories				
Gypsum wall mounting kit		-	•	**LVSXX5**
External mounting lugs	4 metal lugs	•	-	**LVSXX7**
Drawing holder		•	•	**R9H13420**
Accessories for switchgear installation and finishing for grey version				
Blanking plates	Batch consisting of 1 strip: 24 modules	•	•	**LVSXF4**
	Batch consisting of 10 x 5 modules	•	•	**R9H13387**
Locking accessories				
Lock for enclosure door	Keylock 405 (supplied with 2 keys)	•	•	**LVSXS2**
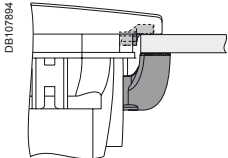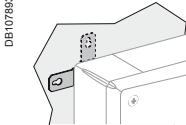
Compact Terminal blocks

Designation	Description	Surface	Flush	Cat.No
Terminal block components				
Compact associable screwless 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 screwless 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 for 24 Modules enclosures	•	•	**LVSXK2**
	Terminal block support kit for 13/18 Modules enclosures	•	•	**LVSXK1**
Accessories for terminal blocks				
DIN rail support	Support kit (batch of 1)	•	•	**LGYT601R**
SPD connection kit	Support and 1x50+2x25 screw terminals	•	-	**LVSXK6**

PrismaSeT XS
Mounting enclosures
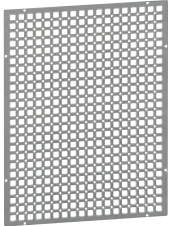
Installation accessories for enclosures

Mounting accessories		Cat. no.		
Designation	**Description**	**13 modules**	**18 modules**	**24 modules**
Flush mounting				
Gypsum wall mounting kit		LVSXX5	LVSXX5	LVSXX5
Surface mounting				
External mounting lugs	4 metal lugs	LVSXX7	LVSXX7	LVSXX7

Accessories for switchgear installation and finishing for grey version		Cat. no.		
Designation	**Description**	**13 modules**	**18 modules**	**24 modules**
Blanking plates	Batch consisting of 1 strip: 24 modules	LVSXF4	LVSXF4	LVSXF4
	Batch consisting of 10 x 5 modules	R9H13387	R9H13387	R9H13387
Drawing holder		R9H13420	R9H13420	R9H13420

Locking accessories		Cat. no.		
Designation	**Description**	**13 modules**	**18 modules**	**24 modules**
Lock for enclosure door	Keylock 405 (supplied with 2 keys) for 24 Modules enclosures	LVSXS2	LVSXS2	LVSXS2

Accessories for enclosures

Devices installation		Cat.No
NSXm/NSX devices up to 160A	**Description**	**For enclosures: 24 modules**
Mounting plate for NSXm in Panel Prisma**SeT** S	Can be installed in place of first DIN rails H = 175mm	LVSSY801
Mounting plate for NSX-NSXm in Prisma**SeT** S lateral duct	Can be installed in place of first DIN rails H = 325mm	LLVSSY802
Other devices	**Description**	
Universal Gridl unit 24 modules	Can be installed in place of two DIN rails H = 2 rows	LVSXY1124

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Accessories
PrismaSeT XS
Mounting enclosures

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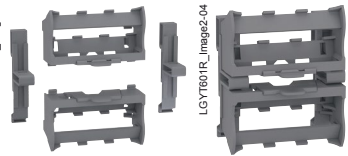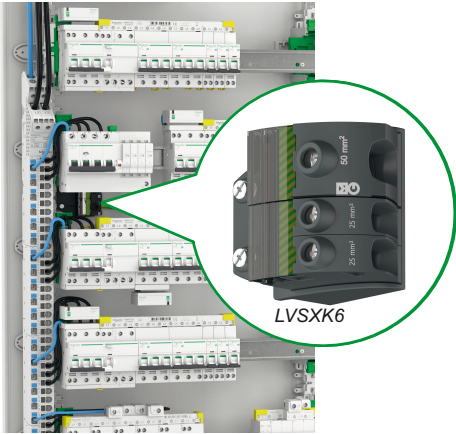
The connections of the terminal blocks (either spring or screw connections), specially developed by Schneider Electric, allow connection of flexible or rigid wires with and without terminals.

Terminal block components	Cat. no.

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 24M	-	LVSXK2
Terminal block support kit 13/18M	-	LVSXK1
3Ph+neutral terminal block kit 24 modules		
4x(1 x 35 v + 6 x 16 screw terminal) on **3P+N**	-	LVSXK724

LGYT1E05_Image15   LGYT1E14_Image15   LGYT1E24_Image15

LGYT1••05   LGYT1••14   LGYT1••24

LVSXK724

LGYT4A01_Image15

LGYT4A01

R9H13411   R9H13411N   R9H13411P   R9H13405   R9H13405N   R9H13405P

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

Accessories for terminal blocks

			Cat. no.
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			
SPD support			
SPD connection kit Support and 1 x 50 + 2 x 25 screw terminals		Batch of 1	**LVSXK6**
Allows easy Earth connection between 2 rows near an SPD			

LGYT601R

LVSXK6

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Accessories
Linergy DS
Screw distribution blocks

IEC/EN 60947-7-1, IEC/EN 61439-1 & 2

Description
■ Single-pole or four-pole distribution block that can be installed on a standard DIN rail or on a mounting plate.
■ Incomers and feeders are connected to screw terminals that accept rigid or flexible cables with ferrule.
■ Optional: additional neutral terminal strip for four-pole distribution block.

Advantages
■ Simplified power supply for main incomers.
■ Easy phase balancing.
■ Easy, effortless cabling due to excellent accessibility.
■ Visible cabling.
■ Insulation between phases.
■ The single-pole distribution blocks are adjacent and bridgeable via the second incoming hole for parallel connection.

Screw distribution blocks

Number of poles	1P			4P
Rated operational current	125 A	160 A	250 A	100 A
Total connections capacity	10	13	14	4 x 7
Terminal capacity				
Diameter	2 x Ø 9.5 mm	2 x Ø 12 mm	1 x Ø 15.3 mm	2 x Ø 7.5 mm
	2 x Ø 7.5 mm	3 x Ø 7.5 mm	1 x Ø 10 mm	5 x Ø 5.5 mm
	6 x Ø 5.8 mm	8 x Ø 5.8 mm	4 x Ø 6 mm	-
	-	-	8 x Ø 7.5 mm	-
Rated peak withstand current (Ipk) Ipk/60 ms	25 kÂ	36 kÂ	60 kÂ	14 kÂ
Ipk/6 ms	-	-	-	24 kÂ
Rated short-time withstand current (Icw) (IEC/EN 60947-7-1)	4.2 kA rms/1 s	8.4 kA rms/1 s	14.4 kA rms/1 s	3 kA rms/1 s
Width (number of 9 mm pitches)	3	4	5	8
Dimension (H x W x D)	85 x 27 x 50.5	85 x 36 x 50.5	85 x 45 x 50.5	100 x 71 x 50.5
Weight (g)	125	163	239	210
Neutral terminal strip (optional)	-	-	-	LGYN1007
References	**LGY112510**	**LGY116013**	**LGY125014**	**LGY410028**

Accessories
Linergy DS
Screw distribution blocks
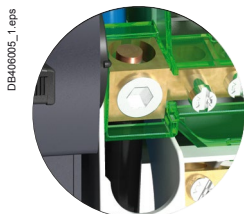
On LGY412560 and LGY416048 references.
Input cabling facilitated by side terminals.

Technical data

Common characteristics	
To IEC/EN 60947-7-1 and IEC/EN 61439-1 & 2	
Rated insulation voltage (Ui)	500 V AC
Rated operational voltage (Ue)	230 V AC (Ph/N) 440 V AC (Ph/Ph)
Rated impulse withstand voltage (Uimp)	8 kV
Rated conditional short-circuit current of an assembly	Up to the breaking capacity of Schneider Electric feeder circuit breakers, even in cascading configuration
Network frequency	50/60 Hz
Pollution degree	3
Overvoltage category	III
Additional technical characteristics	
Reference temperature	40 °C
Operating temperature	-25 °C to 55 °C
Dielectric withstand (IEC/EN 60947-1)	2500 V AC

Terminal technical data							
Type	**PZ2 screw**						
Diameter	Ø 5.5 mm	Ø 5.8 mm	Ø 6 mm	Ø 6.5 mm	Ø 7.5 mm	Ø 8.5 mm	Ø 9 mm	Ø 9.5 mm
Section rigid cable	1.5 to 16 mm²	1.5 to 16 mm²	1.5 to 16 mm²	1.5 to 16 mm²	2.5 to 25 mm²	6 to 35 mm²	10 to 35 mm²	10 to 35 mm²
Section flexible cable or with ferrule	1.5 to 10 mm²	1.5 to 10 mm²	1.5 to 10 mm²	1.5 to 10 mm²	1.5 to 16 mm²	4 to 25 mm²	4 to 25 mm²	6 to 35 mm²
Tightening torque	2 N.m	2 N.m	2 N.m	2 N.m	2 N.m	2 N.m	2.5 N.m	2.5 N.m
Type	**Hc screw**						
Diameter	Ø 9.5 mm	Ø 10 mm	Ø 12 mm		Ø 15.3 mm			
Section rigid cable	10 to 35 mm²	1.5 to 50 mm²	25 to 70 mm²	Ø ≤ 15 mm	35 to 120 mm²			
Section flexible cable or with ferrule	6 to 35 mm²	1.5 to 35 mm²	16 to 50 mm²		25 to 95 mm²			
Tightening torque	8 N.m	4 N.m	1P: 9 N.m	4P: 5 N.m	14 N.m			

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Accessories
Linergy DX
Quick distribution blocks

IEC 60947-7-1, IEC 61439-2

Description
■ Single-pole or four-pole distribution block that can be installed on a standard DIN rail or on a mounting plate.
■ Downstream circuits are connected from the front, to spring terminals.
■ Contact pressure automatically adapts to the size of the conductor.
■ Contacts are insensitive to vibrations and thermal variations.
■ Only one cable (flexible or rigid) can be inserted per terminal.

Quick distribution blocks

Number of poles	4P, incomers from top	4P, incomers from bottom
Rated operational current at 40° (Ie)	63 A	63 A
Rated conditional short-circuit current of an assembly (Isc)	The reinforced breaking capacity due to cascading in circuit breaker combinations is maintained. The worst-case situations have been tested.	The reinforced breaking capacity due to cascading in circuit breaker combinations is maintained. The worst-case situations have been tested.
Rated insulation voltage (Ui)	500 V AC	500 V AC
Rated operational voltage (Ue)	440 V AC	440 V AC
Rated impulse withstand voltage (Uimp)	6 kV	6 kV
Rated short-time current Icw (Icw)		
Rated operational frequency	50/60 Hz	50/60 Hz
Degree of protection	IPxxB	IPxxB
Incoming terminals	1 tunnel terminal 25²/ph	1 tunnel terminal 25²/ph
Total connection capacity, outgoing terminals	24 connections: 4 x 6²/phase 12 x 6²/neutral	24 connections: 4 x 6²/phase 12 x 6²/neutral
Dimensions (H x W x D)	96.5 x 72 x 62 8 x 9 mm pitch	96.5 x 72 x 62 8 x 9 mm pitch
Installation	Clipped onto a DIN rail	Clipped onto a DIN rail
Other		
Standard for installation inside Prisma	IEC 61439-2	IEC 61439-2
Glow-wire 60695-2-11	960°C	960°C
Degree of pollution	3	3
References	**LVS04040**	**LVS04041**

Accessories

References	-	-

Advantages
■ A reliable electrical connection, no maintenance required
(tightness guaranteed over time).
■ Quick connection.
■ Easy phase balancing.
■ Ease of rewiring if the switchboard is expanded or modified.

	4P		1P
	125 A	160 A	160 A
	20 kA/60 ms max according to IEC 61439-1	20 kA/60 ms max according to IEC 61439-1	32 kA
	750 V	750 V	750 V
	690 VAC	690 VAC	690 VAC
	8 kV	8 kV	8 kV
	4.5 kA rms/1s	4.5 kA rms/1s	
	50/60 Hz	50/60 Hz	50/60 Hz
	IPxxB	IPxxB	IPxxB
	1 tunnel terminal 35²/ph	1 tunnel terminal 35²/ph	1 tunnel terminal 70/ph
	52 connections: 7 x 4²/phase 3 x 6²/phase 2 x 10²/phase 1 x 16²/phase (screw terminal)	52 connections: 7 x 4²/phase 3 x 6²/phase 2 x 10²/phase 1 x 16²/phase (screw terminal)	6 connections: 6 x 16²/phase
	127 x 108 x 48 8 x 9 mm pitch	127 x 108 x 48 8 x 9 mm pitch	95 x 36 x 70 4 x 9 mm pitch
	Screwed to plain or slotted backplate or onto DIN rail	Screwed to plain or slotted backplate or onto DIN rail	Onto DIN rail
	Possible to combine 2 terminal blocks (2nd terminal block supplied from enclosed terminals in the 1st, Imax of 2nd terminal block: 80 A)	Possible to combine 2 terminal blocks (2nd terminal block supplied from enclosed terminals in the 1st, Imax of 2nd terminal block: 80 A)	
	IEC 61439-2	IEC 61439-2	IEC 61439-2
	960°C	960°C	960°C
	3	3	3
	LVS04045	**LVS04046**	**LVS04031**

	4P		1P
	(4 x 125 A flexible connectors)		Copper spacer (batch of 4)
	LVS04047	**-**	**LVS04037**

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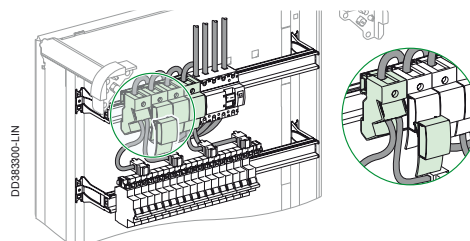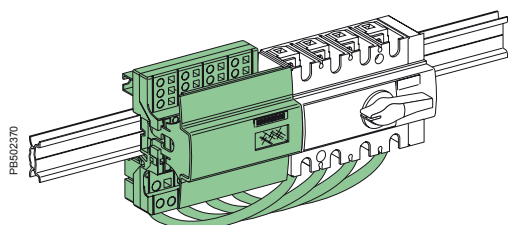
Distribution systems - Distribution blocks
Acti9 VDIS
Vertical distribution blocks up to 160 A
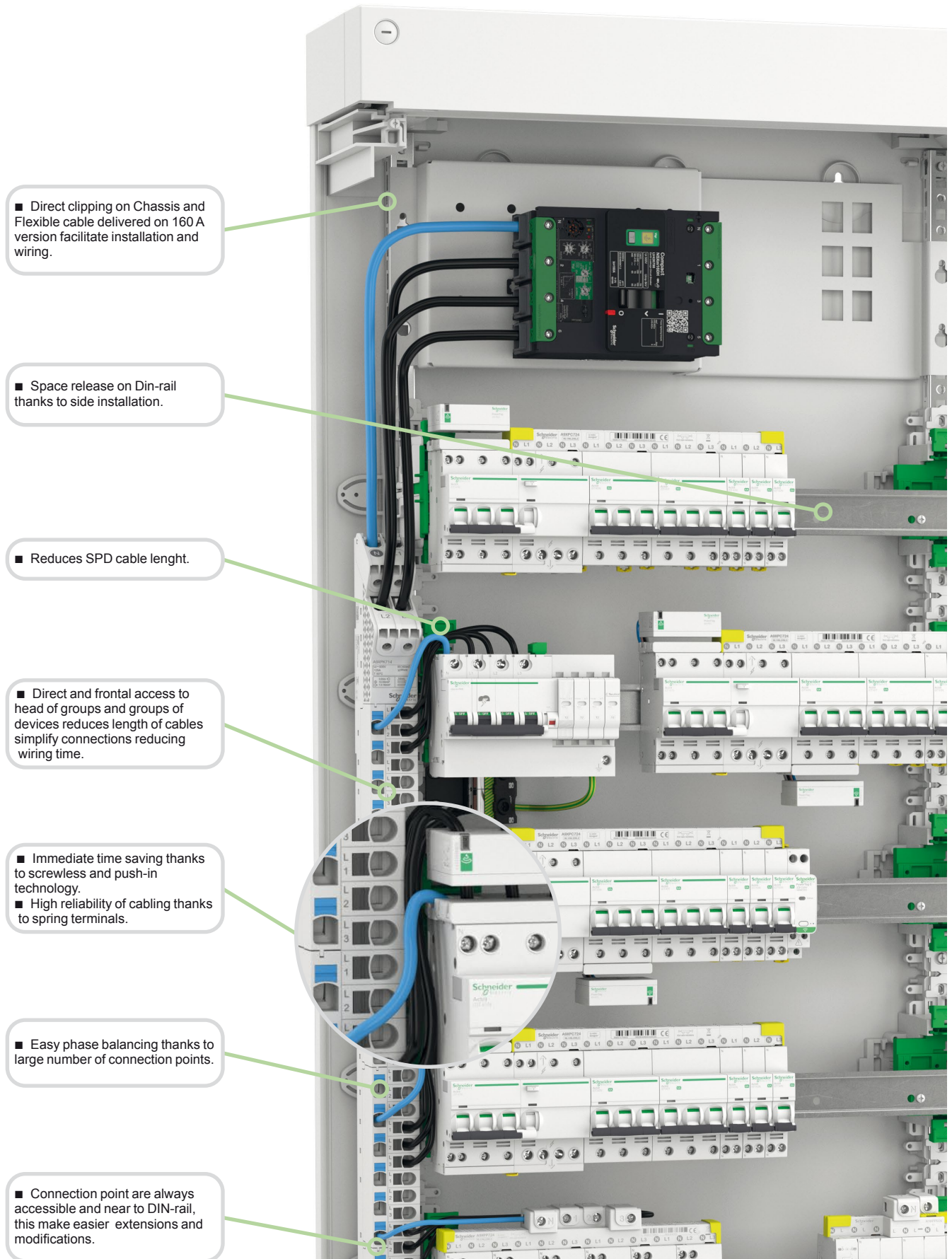
■ Direct clipping on Chassis and Flexible cable delivered on 160 A version facilitate installation and wiring.

■ Space release on Din-rail thanks to side installation.

■ Reduces SPD cable lenght.

■ Direct and frontal access to head of groups and groups of devices reduces length of cables simplify connections reducing wiring time.

■ Immediate time saving thanks to screwless and push-in technology.
■ High reliability of cabling thanks to spring terminals.

■ Easy phase balancing thanks to large number of connection points.

■ Connection point are always accessible and near to DIN-rail, this make easier extensions and modifications.

Acti9 VDIS
Vertical distribution blocks up to 160 A

A9XPK707_52.eps

A9XPK714_86.eps

A9XPK715

A9XPK707

A9XPK714
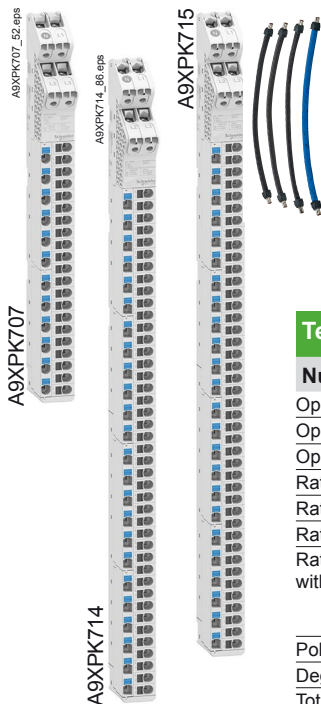
IEC/EN 60947-7-1, IEC/EN 61439-2
As per the above standards:

Description
- 4P distribution blocks with quick connections.
- Designed for both rigid cables and flexible cables with or without ferrules.
- Push-in technology.
- Optimised installation in PrismaSeT XS 24 Modules and prismaSeT S (surface mounting).
- Only three versions to cover all configurations.
- 160A version delivered with flexible cables.

Technical data				
Number of poles		4P	4P	4P
Operating current at 40°C	(Ie)	125 A	125 A	160 A
Operating voltage	(Ue)	250/440 V AC	250/440 V AC	250/440 V AC
Operating frequency		50/60 Hz	50/60 Hz	50/60 Hz
Rated insulation voltage	(Ui)	500 V AC	500 V AC	500 V AC
Rated impulse withstand voltage	(Uimp)	6 kV	6 kV	6 kV
Rated peak withstand current at 20 ms	(Ipk)	20 kÂ	20 kÂ	20 kÂ
Rated conditional short-circuit current withstand	(Isc)	Up to breaking capacity of Schneider Electric outgoing circuit breakers, Acti9 iC60 and Acti9 iC40, even when reinforced by cascading implementation		
Pollution degree		3	3	3
Degree of protection		IPxxB	IPxxB	IPxxB
Total connection capacity at outgoing terminals		7 for each phase 12 for neutral	14 for each phase 24 for neutral	14 for each phase 24 for neutral
Weight (g)		1140	2040	2040
Catalog numbers		**A9XPK707**	**A9XPK714**	**A9XPK715**

Dimensions (mm)

DB429047.eps

40.5

3.5

71.5

56.5

A9XPK707: 408

A9XPK714/15: 680
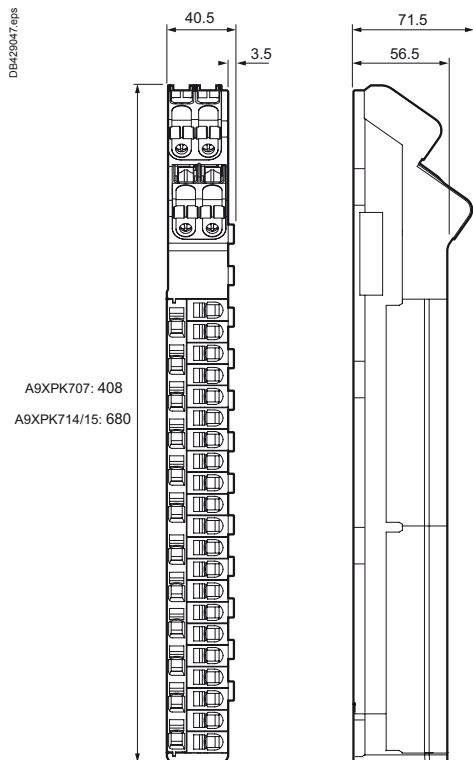
Accessories	
Type	**Spare parts**
	A9XPKL10_8.eps
Designation	Locking clips for Pragma installation
Set of	10
Catalog numbers	**A9XPKL10**
Designation	Flexible Cables 160A
Set of	4
Catalog numbers	**LVS04149**
Designation	Lateral duct installation kit
Set of	2
Catalog numbers	**A9XPKV04**

Selection Guide			
	A9XPK707	**A9XPK714**	**A9XPK715**
Mounting type	Direct	Direct	Direct
PrismaSeT XS24, surface mounted enclosures			
1, 2, 3 rows	-	-	-
4, 5 rows	■	-	-
6 rows	■	■	-
PrismaSeT S, surface mounted enclosures			
3 rows	-	-	-
4, 5 rows	■	-	-
6, 7, 8 rows	■	■	■

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Distribution systems - Distribution blocks
Acti9 VDIS
Vertical distribution blocks up to 160 A

Power supply for 125A
■ Four-poles tunnel terminals with screw clamping
■ Cable per connection point:
□ flexible from 10 to 35 mm²
□ flexible with insulated ferrule from 10 to 35 mm²
□ stranded from 10 to 35 mm²

Power supply for 160A
■ Four-poles tunnel terminals with screw clamping
■ Cable per connection point:
□ Only cables provided must be used

Installation
■ Clip-on directly in PrismaSeT 24M chassis, locking clips included

Distribution connections
■ Connection to spring terminals through the front
■ A single cable per connection point:
□ rigid from 1.5 to 10 mm²
□ stranded from 4 to 16 mm²
□ flexible from 1.5 to 16 mm²
□ flexible with ferrule from 1.5 to 16 mm²
■ Push-in spring for toolless connection for both rigid and flexible cables with ferrules
■ Maintenance free
■ Connections:
□ A9XPK707: 7 per phase, 12 neutral
□ A9XPK714: 14 per phase, 24 neutral
□ A9XPK715: 14 per phase, 24 neutral

Stripping length
■ Rigid or flexible

18 mm

Flexible with ferrule

18 mm
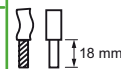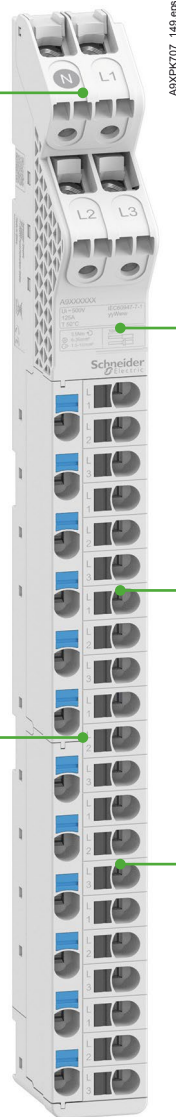
PrismaSeT XS-S

Dimensions

At Schneider Electric we work on solutions you use to propose to your clients.
This new offer is suitable for small businesses such as little shops and restaurants and also for High Residential installations.
Our complete solutions include large range of devices to control and monitor the loads and applications to manage them.
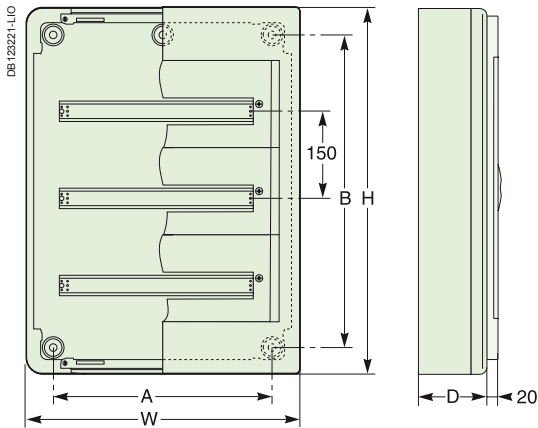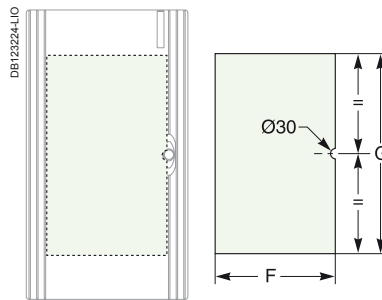
Enclosures		Dimensions (mm)								
		H	W	D	A	B	E	F	G	J
13 modules	1 R	300	336	123	160	200	73	253	149	
	2 R	450		(115)		350			299	
	3 R	600				500			449	
	4 R	750				650			599	
18 modules	1 R	300	426	125	250	200	73	343	149	
	2 R	450		(115)		350			299	
	3 R	600				500			449	
	4 R	750				650			599	
24 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
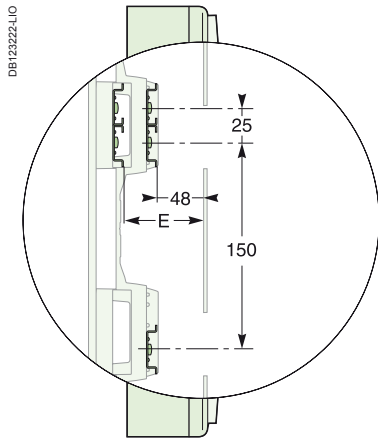
The different positions of the DIN rail in height and depth.

Panel for customisation of the transparent door
13- and 18-module enclosures

Panel thickness: 0.5 mm max.

24-module enclosures
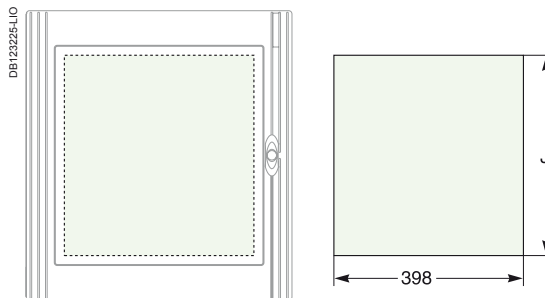
Panel thickness: 0.5 mm max.

Dimensions
PrismaSeT XS
Surface mounting enclosures
Offer: Universal

13 modules

238

110

438

124

18 modules

328

438

124

Grid

W

H

1.5

Ø4

14.9

Ø3.6

5.9

9

14.9

9

5.9
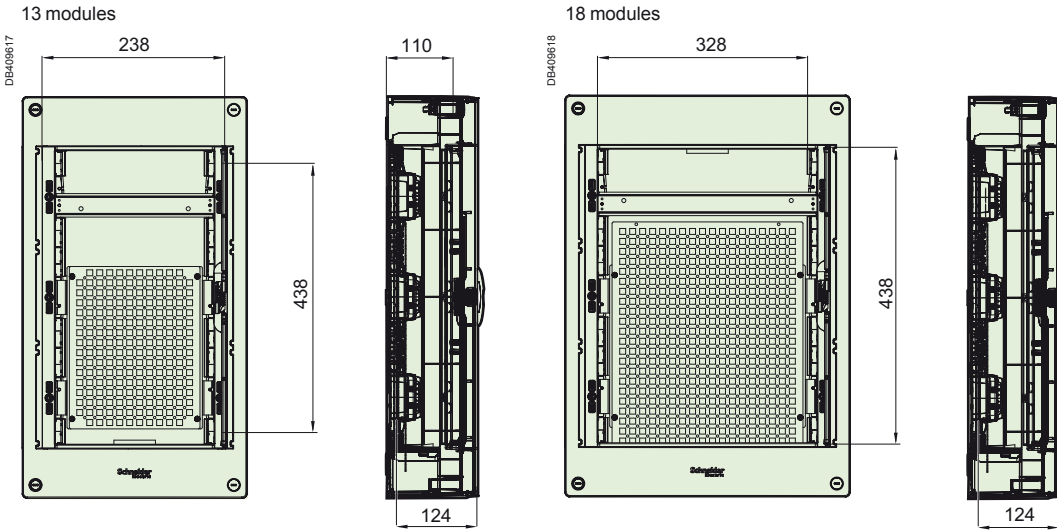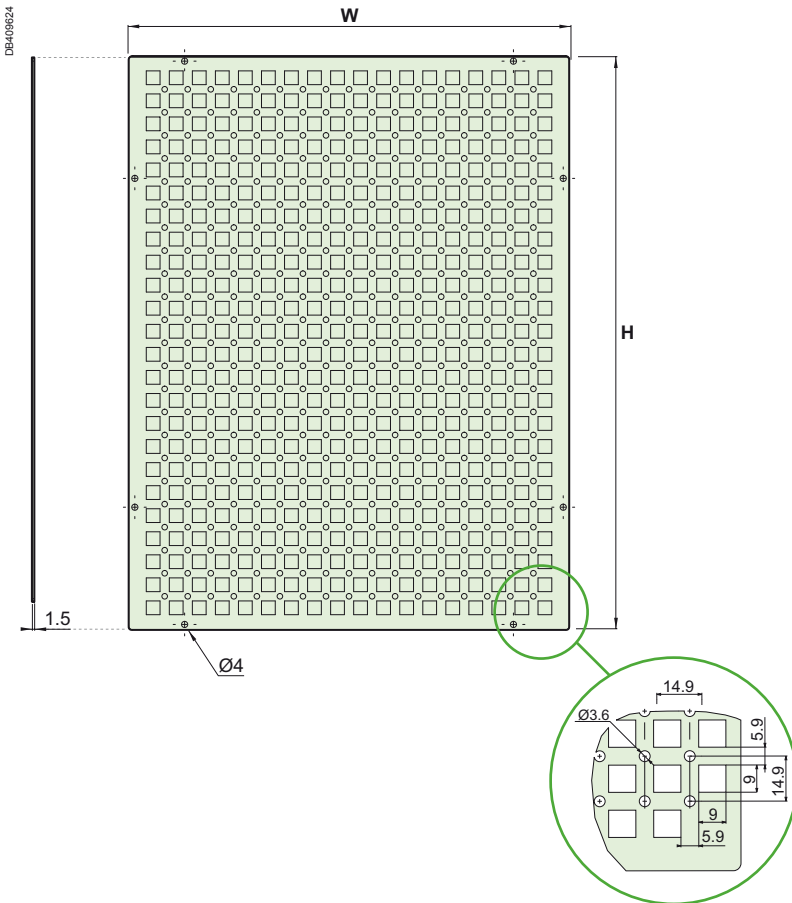
Enclosures	Dimensions (mm)	
	H	**W**
13 modules	242	195
18 modules	371	295

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Dimensions
PrismaSeT XS
Flush mounting enclosures

Base.

Enclosure.

The different positions of the DIN rail in height and depth.
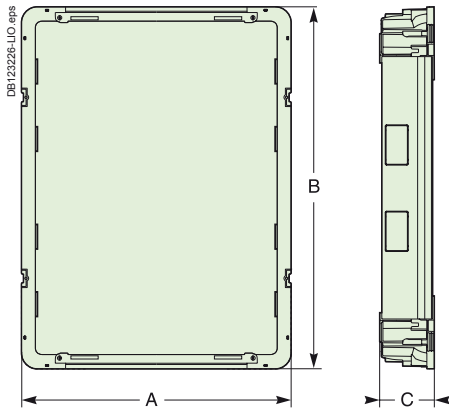
Enclosures		Dimensions (mm)									
		H	W	D	A	B	C	E	F	G	J
18 modules	2 R	510				480				299	
	3 R	660				630				449	
	4 R	810				780				599	

Panel for customisation of the transparent door
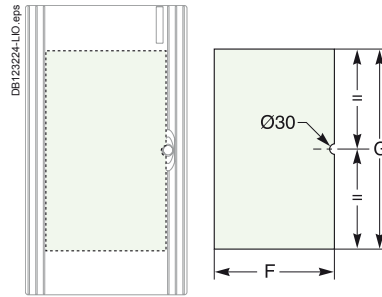
Panel thickness: 0.5 mm max.
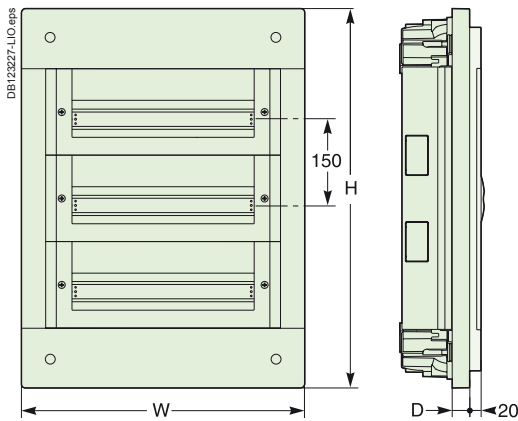
Horizontal and vertical association
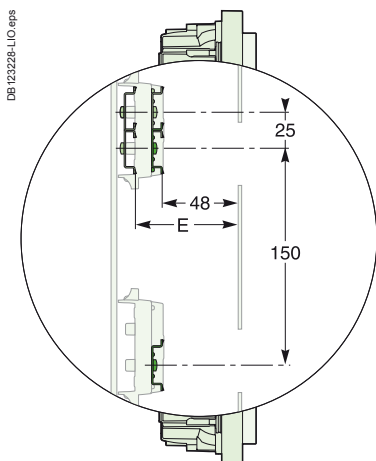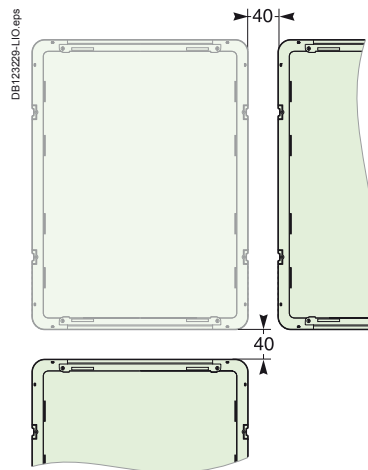
Dimensions
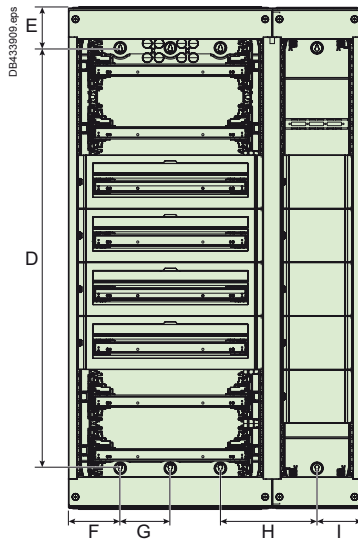## PrismaSeT S
Surface mounting enclosures
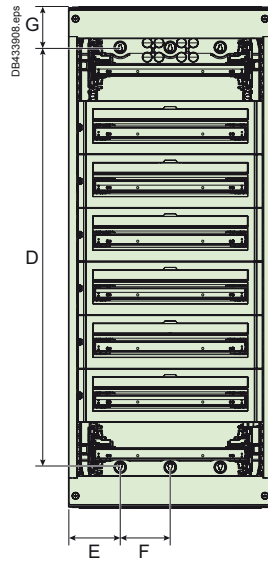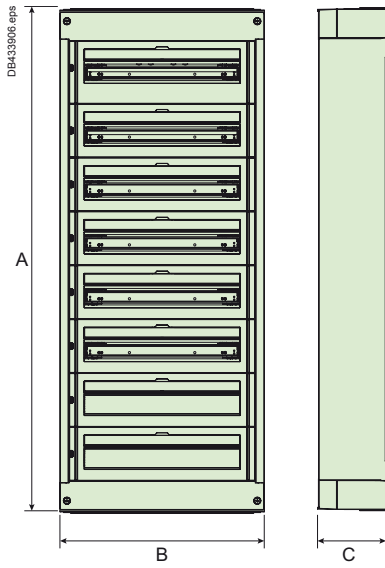
Enclosures		Dimensions (mm)						
		A	B	C	D	E	F	G
24 modules	4 R	806	570	191	575.5	106.5	145	140
	5 R	956			725.5			
	6 R	1106			875.5			
	7 R	1256			1025.5			
	8 R	1406			1175.5			
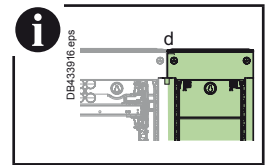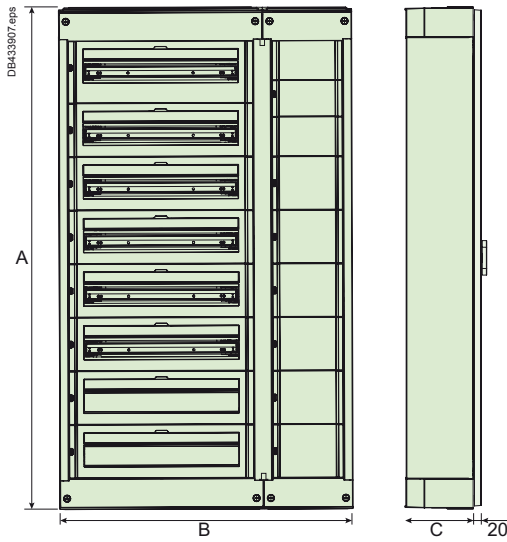
Enclosures		Dimensions (mm)								
		A	B	C	D	E	F	G	H	I
24 modules + d	6 R	1106	820	191	875.5	106.5	145	140	270	125
	7 R	1256			1025.5					
	8 R	1406			1175.5					

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Dimensions
PrismaSeT S
Surface mounting enclosures
Offer: Universal

DB433912.eps

175
150
150
150
150
150
150

DB433914.eps

175
150
150
150
150
150
150

79 47 46

88

59

77

175

rail DIN rotation

<No intersecting link>

119

40

104

46

Grid

DB433910.eps

22 126

<Multiple intersecting links>

1.5

Ø4

W

H

14.9
Ø3.6
5.9
9
14.9
9
5.9
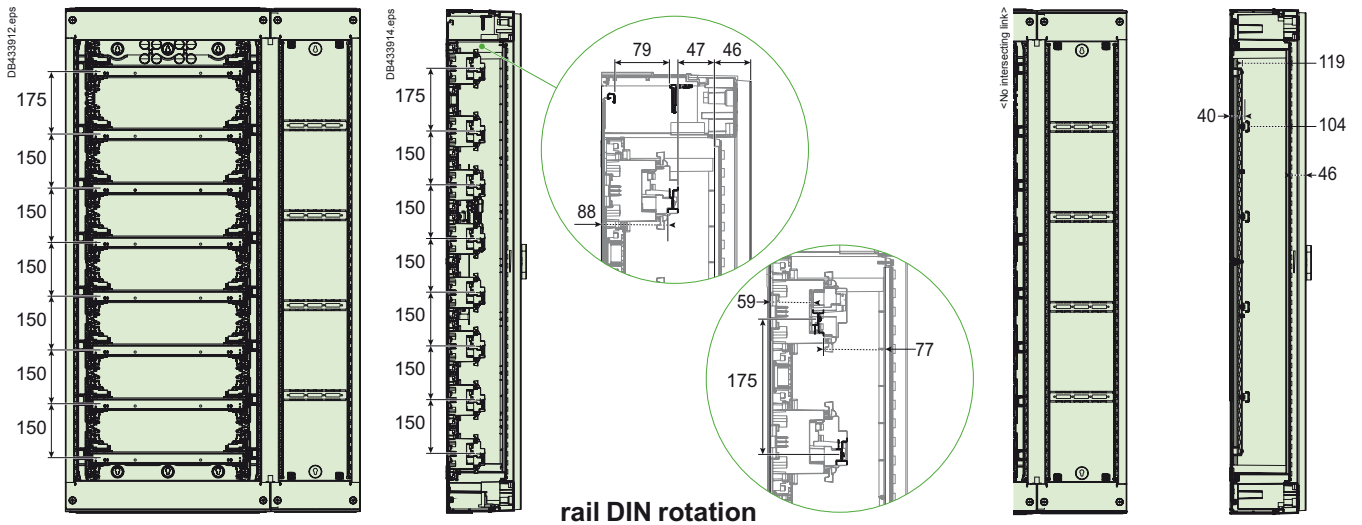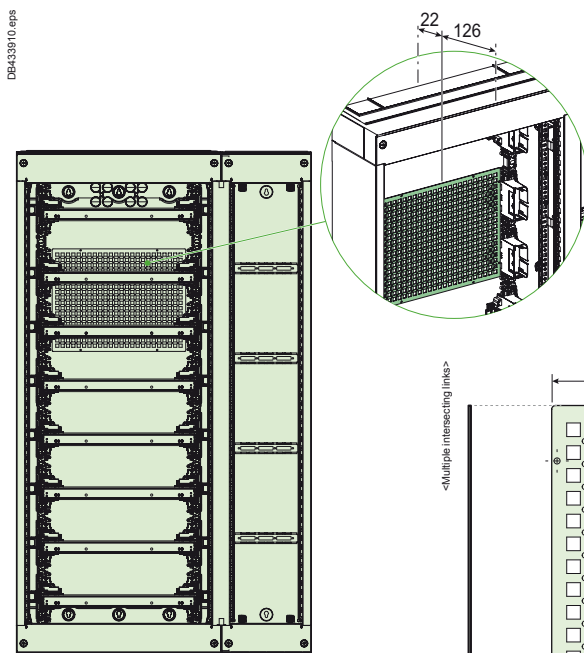
Enclosures	Dimensions (mm)	
	H	**W**
24 modules	285	371.2
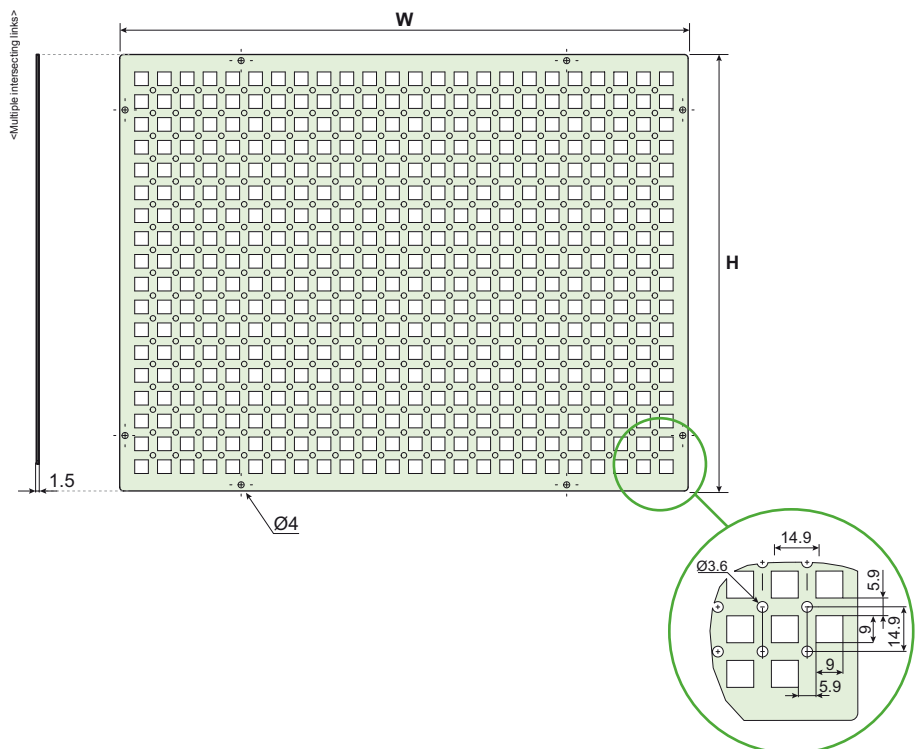
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De in dit document beschreven producten kunnen ten allen tijde verande-
ringen of wijzigingen ondergaan op technisch gebied dan wel op de manier
waarop ze worden behandeld of gebruikt. Hun beschrijving kan geenszins
contractueel worden beschouwd.

dit document werd gedrukt
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