

# Product datasheet

Specifications



Modular enclosure, PrismaSeT XS, flush, 5 x 24 modules, 1 earth + 1 neutral terminal blocks, plain white door

LVSN524

## Main

Range	PrismaSeT
product name	XS
Product or component type	Enclosure
Enclosure type	Distribution enclosure
Enclosure mounting	Flush

## Complementary

Width	Total: 648 mm Embedded: 618 mm
Height	Total: 960 mm Embedded: 930 mm
Depth	Total : 129 mm Embedded : 86 mm
Internal depth	80 mm
Number of 18 mm modules per row	24
Number of horizontal rows	5
Total number of 18 mm modules	120
9 mm pitches	240
Electrical insulation class	Class II
Provided equipment	5 identification label 5 label protector 2 terminal block 2 blanking plate strip 1 door 5 DIN rail 4 cable fixing hardware 1 back plate
Type of front plate	Modular
Door type	Plain
Type of rail	Symmetrical DIN
Mounting plate description	Without mounting plate
Removable parts	DIN rail
Power dissipation in W	133 W
[In] rated current	125 A
[Ui] rated insulation voltage	400 V

<b>cable entry</b>	Cable or tube Cut-out plates Removable plates
<b>Number of terminal blocks</b>	1 earth with 62 outgoing 1 neutral with 84 outgoing
<b>Distribution block outgoing</b>	9 x 25 mm <sup>2</sup> + 53 x 4 mm <sup>2</sup> for earth 6 x (3 x 25 mm <sup>2</sup> + 11 x 4 mm <sup>2</sup> ) for neutral
<b>Connections - terminals</b>	Screw connection (earth) , 9 x 6...25 mm <sup>2</sup> Push-in (earth) , 53 x 1.5...4 mm <sup>2</sup> (flexible) Push-in (earth) , 53 x 6 mm <sup>2</sup> (rigid or stranded) Screw connection (neutral) , 18 x 6...25 mm <sup>2</sup> Push-in (neutral) , 66 x 1.5...4 mm <sup>2</sup> (flexible) Push-in (neutral) , 66 x 6 mm <sup>2</sup> (rigid or stranded)
<b>Locking options description</b>	Keylock option
<b>Enclosure material</b>	Back part: technoplastic and metal Enclosure: technoplastic Front plate: technoplastic Door: metal
<b>Net weight</b>	22.220 kg
<b>Colour</b>	Enclosure: white (RAL 9003) Front plate: white (RAL 9003) Door: white (RAL 9003)
<b>Market segment</b>	Residential Small buildings

## Environment

<b>Fire resistance</b>	Back plate: 850 °C conforming to IEC 60695-2-11 Enclosure: 750 °C conforming to IEC 60695-2-11 Front plate: 750 °C
<b>IP degree of protection</b>	IP40 with closed door
<b>IK degree of protection</b>	IK09 with closed door
<b>Overvoltage category</b>	II
<b>Ambient air temperature for operation</b>	-25...60 °C
<b>Standards</b>	IEC 60670-1 IEC 60670-24 IEC 61439-1 IEC 61439-3
<b>Quality labels</b>	IMQ

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	23.000 cm
<b>Package 1 Width</b>	64.000 cm
<b>Package 1 Length</b>	99.000 cm
<b>Package 1 Weight</b>	20.100 kg
<b>Unit Type of Package 2</b>	P12
<b>Number of Units in Package 2</b>	5
<b>Package 2 Height</b>	125.000 cm
<b>Package 2 Width</b>	80.000 cm
<b>Package 2 Length</b>	120.000 cm

---

Package 2 Weight

110.000 kg

## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Environmental footprint

Carbon footprint (kg.eq.CO2 per CR, Total Life cycle) 130

Environmental Disclosure [Product Environmental Profile](#)

## Use Better

### Materials and Substances

Minimum percentage of recycled plastic content 23

[EU RoHS Directive](#) Pro-active compliance (Product out of EU RoHS legal scope)

REACH Regulation [REACH Declaration](#)

## Use Again

### Repack and remanufacture

Circularity Profile No need of specific recycling operations

Take-back No