

# Product datasheet

Specifications



## Linergy DS - screw distribution block 4P - 125A - 48 holes

LGY412548

### Main

Range	Linergy
Product name	Linergy DS
Product or component type	Distribution block

### Complementary

Mounting support	DIN rail
Range compatibility	Prisma G Prisma P Prisma PH Prisma Pack Spacial Kaedra Pragma TeSys ComPact
Product compatibility	Spacial enclosures
Poles description	4P
Distribution block outgoers	4 x 12 holes
[Ue] rated operational voltage	230 V AC Ph/N 440 V AC Ph/Ph
[Ui] rated insulation voltage	500 V AC
[Uimp] rated impulse withstand voltage	8 kV
[Ie] rated operational current	125 A at 40 °C
[Icw] rated short-time withstand current	4.2 kA for 1 s
[Ipk] rated peak withstand current	26 kA
Connections - terminals	Distribution: screw terminal 4 cable(s) 1.5...16 mm <sup>2</sup> rigid Distribution: screw terminal 4 cable(s) 1.5...10 mm <sup>2</sup> flexible with cable end Supply: screw terminal 1 cable(s) 10...35 mm <sup>2</sup> rigid Supply: screw terminal 1 cable(s) 4...25 mm <sup>2</sup> flexible with cable end Distribution: screw terminal 7 cable(s) 2.5...25 mm <sup>2</sup> rigid Distribution: screw terminal 7 cable(s) 1.5...16 mm <sup>2</sup> flexible with cable end
Tightening torque	Distribution: 2 N.m flat screwdriver 7.5 mm Distribution: 2 N.m PZ2 screwdriver 7.5 mm Supply: 2.5 N.m flat screwdriver 9 mm Supply: 2.5 N.m PZ2 screwdriver 9 mm Distribution: 2 N.m flat screwdriver 6.5 mm Distribution: 2 N.m PZ2 screwdriver 6.5 mm
9 mm pitches	14

Height	100 mm
Width	126 mm
Depth	50.5 mm
Net weight	0.386 kg
Colour	White (RAL 9003)

## Environment

Pollution degree	3
Overvoltage category	III
Dielectric strength	2500 V
Standards	EN/IEC 61439-1 EN/IEC 60947-7-1
Ambient air temperature for operation	-25...55 °C

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	458.0 g
Package 1 Height	5.5 cm
Package 1 width	10.2 cm
Package 1 Length	13.2 cm
Unit Type of Package 2	P12
Number of Units in Package 2	272
Package 2 Weight	136.576 kg
Package 2 Height	50 cm
Package 2 width	80 cm
Package 2 Length	120 cm
Unit Type of Package 3	S03
Number of Units in Package 3	34
Package 3 Weight	16.104 kg
Package 3 Height	30 cm
Package 3 width	30 cm
Package 3 Length	40 cm

## Offer Sustainability

REACh Regulation	<a href="#">REACh Declaration</a>
REACh free of SVHC	Yes
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a> Pro-active China RoHS declaration (out of China RoHS legal scope)

**WEEE**

The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

---

**Contractual warranty****Warranty**

18 months

---