

Product datasheet

Specifications



cartridge C8-460 for surge arrester iPRD - IT

A9L08122

⚠ Discontinued on: 30 Jun 2023

⚠ Discontinued

Main

range of product	Acti9
Product or component type	Cartridge
Device short name	C8-460
Range compatibility	Acti9 iPRD8r Acti9 iPRD8
Surge arrester type	Electrical distribution network
Standards	EN 61643-11 IEC 61643-11: 2011
Quality labels	CE

Complementary

Surge arrester class type	Type 2 + 3
Surge arrester technology	MOV
Product destination	Surge protection device iPRD8r 3P Surge protection device iPRD8r 4P
Earthing system	IT
[Ue] rated operational voltage	230...400 V AC 50 Hz
Nominal discharge current	2.5 kA
Maximum discharge current	8 kA
[Uc] maximum continuous operating voltage	460 V
Maximum [Up] voltage protection level	<2 kV
Local signalling	Flag (white/red)
Mounting mode	Plug-in
Mounting support	Into SPD module
9 mm pitches	2
Height	60 mm
Width	18 mm
Depth	60 mm
Colour	White (RAL 9003)
Material	PBT (polybutylene terephthalate)
Response time	< 25 ns

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

Environment

IP degree of protection	IP20 front face:
Relative humidity	5...90 %
Operating altitude	0...2000 m
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...80 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6 cm
Package 1 Width	1.8 cm
Package 1 Length	6 cm
Package 1 Weight	80 g
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Height	10 cm
Package 2 Width	9 cm
Package 2 Length	28 cm
Package 2 Weight	998 g
Unit Type of Package 3	S03
Number of Units in Package 3	108
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	9.469 kg

Contractual warranty

Warranty (in months)	18
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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

[Environmental Disclosure](#)

[Product Environmental Profile](#)

Use Better



Materials and Substances

Packaging made with recycled cardboard

Yes

[EU RoHS Directive](#)

Compliant with Exemptions

SCIP Number

69c83288-c50e-4b6b-b925-47ffc3769071

Use Longer



Lifetime extension

Repair

No

Use Again



Repack and remanufacture

End of life manual availability

[End of Life Information](#)

WEEE Label



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