

Product datasheet

Specifications



cartridge C8-460 for surge arrester iPRD - IT

A9L08122

! Discontinued on: 30 Jun 2023

! Discontinued

Main

Product Or Component Type	Cartridge
Device Short Name	C8-460
Surge Arrester Type	Electrical distribution network

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

Environment

Standards	EN 61643-11 IEC 61643-11: 2011
Quality Labels	CE
Ip Degree Of Protection	IP20 front face:

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

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

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

Well-being performance

Mercury Free

Rohs Exemption Information Yes

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions

China Rohs Regulation [China RoHS declaration](#)
Product out of China RoHS scope. Substance declaration for your information

Environmental Disclosure [Product Environmental Profile](#)

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

Circularity Profile [End of Life Information](#)