

Product data sheet

Specifications



cartridge C40-350 for surge arrester iQuick PRD

A9L16310

Main

Product Or Component Type	Cartridge
Device Short Name	C40-350
Surge Arrester Type	Electrical distribution network

Complementary

Surge Arrester Class Type	Type 2
Surge Arrester Technology	MOV
Product Destination	Surge protection device iQuick PRD40r
Earthing System	TN TT
[Ue] Rated Operational Voltage	230 V AC 50 Hz
Nominal Discharge Current	20 kA
Maximum Discharge Current	40 kA
[Uc] Maximum Continuous Operating Voltage	350 V
Maximum [Up] Voltage Protection Level	<1.4 kV type 2
Local Signalling	Flag (white/red)
Mounting Mode	Plug-in
Mounting Support	Into SPD module
9 Mm Pitches	1.3
Height	50 mm
Width	12 mm
Depth	57 mm
Colour	White (RAL 9003)
Material	PBT (polybutylene terephthalate)
Response Time	< 25 ns

Environment

Standards	IEC 61643-1 EN 61643-11
Product Certifications	KEMA-KEUR NF
Ip Degree Of Protection	IP20 front face:
Relative Humidity	5...95 %

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Operating Altitude	0...2000 m
Ambient Air Temperature For Operation	-25...60 °C
Ambient Air Temperature For Storage	-40...70 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	2.1 cm
Package 1 Width	6.8 cm
Package 1 Length	9.6 cm
Package 1 Weight	62 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	12
Package 2 Height	8.3 cm
Package 2 Width	11 cm
Package 2 Length	26.5 cm
Package 2 Weight	804 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	10.152 kg

Contractual warranty

Warranty	18 months
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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](#)



Halogen Free Plastic Parts & Cables
Product

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

No need of specific recycling operations