

Product datasheet

Specifications



cartridge C40-350 for surge arrester iQuick PRD

A9L16310

Main

range of product	Acti9
Product or component type	Cartridge
Device short name	C40-350
Range compatibility	Acti9 iQuick PRD40r
Surge arrester type	Electrical distribution network
Standards	IEC 61643-1 EN 61643-11
Product certifications	KEMA-KEUR NF

Complementary

Surge arrester class type	Type 2
Surge arrester technology	MOV
Product destination	Surge protection device iQuick PRD40r 1P + N Surge protection device iQuick PRD40r 3P Surge protection device iQuick PRD40r 3P + N
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

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

Environment

IP degree of protection	IP20 front face:
Relative humidity	5...95 %
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	2.100 cm
Package 1 Width	6.800 cm
Package 1 Length	9.600 cm
Package 1 Weight	62.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Height	8.300 cm
Package 2 Width	11.000 cm
Package 2 Length	26.500 cm
Package 2 Weight	804.000 g
Unit Type of Package 3	S03
Number of Units in Package 3	108
Package 3 Height	30.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	10.152 kg

Logistical informations

Country of origin	HU
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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	
Total lifecycle Carbon footprint	0.5 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Carbon footprint of the manufacturing phase [A1 to A3]	0.4 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	0 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.2 kg CO2 eq.

Use Better

 Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
SCIP Number	A9614fa2-07f8-47d1-a2fe-e27b32003d8d

Use Longer

 Lifetime extension	
Repair	No

Use Again

 Repack and remanufacture	
Take-back	Yes
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins