

# Product datasheet

Specifications



## cartridge C8-350 for surge arrester iQuick PRD

A9L16312

EAN Code: 3606480387159

! Discontinued

### Main

range of product	Acti9
Product or component type	Cartridge
Device short name	C8-350
Range compatibility	Acti9 iQuick PRD8r
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 PRD8r 1P + N Surge protection device iQuick PRD8r 3P Surge protection device iQuick PRD8r 3P + N
Earthing system	TN TT
[Ue] rated operational voltage	230 V AC 50 Hz
Nominal discharge current	2.5 kA
Maximum discharge current	8 kA
[Uc] maximum continuous operating voltage	350 V
Maximum [Up] voltage protection level	<1.1 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

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	59.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Height	8.200 cm
Package 2 Width	10.900 cm
Package 2 Length	26.500 cm
Package 2 Weight	784.000 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	7.491 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

Total lifecycle Carbon footprint	0.5 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.3 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]	0.1 kg CO2 eq.
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

### Use Better



### Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
SCIP Number	A9614fa2-07f8-47d1-a2fe-e27b32003d8d
EU RoHS Directive	<a href="#">Compliant</a>
REACH Regulation	<a href="#">Reference contains Substances of Very High Concern above the threshold</a>

### Use Longer




### Lifetime extension

Repair	No
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### Use Again



### Repack and remanufacture

Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins