

Product datasheet

Specifications



Cartridge, Acti9 iPRD1 C25r, for surge arrester iPRD1 C25r 3P, type 1+2, without fuse

A9L1C300

EAN Code: 3606486808603

Main

range of product	Acti9
Product or component type	Cartridge
Device short name	iPRD1 C25r
Range compatibility	Acti9 iPRD1 C25r
Surge arrester type	Electrical distribution network
Standards	IEC 61643-11:2011 EN 61643-11:2012 EN 61643-11:2018/A11
Product certifications	CE
Quality labels	VDE

Complementary

Surge arrester class type	Type 1 + 2
Surge arrester technology	GDT
Product destination	Surge protection device iPRD1 C25r 3P
Earthing system	TN-C
[Ue] rated operational voltage	240 V AC 50/60 Hz
Nominal discharge current	25 kA
Maximum discharge current	65 kA
[Iimp] impulse current	25 kA 12.5 A.s
[Uc] maximum continuous operating voltage	275 V
Maximum [Up] voltage protection level	<1.5 kV
[Ut] temporary overvoltage	442 V 120 min withstand
[Ifi] follow current	50 kA
Local signalling	Operating state: flag (green) Fault indication: flag (red)
Mounting mode	Plug-in
Mounting support	Into SPD module
9 mm pitches	2
Height	45 mm
Width	18 mm
Depth	73.5 mm
Net weight	105 g

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

Colour	White (RAL 9003)
Material	Thermoplastic

Environment

IP degree of protection	IP20
Relative humidity	5...95 %
Operating altitude	0...2000 m
Ambient air temperature for storage	-40...85 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9.6 cm
Package 1 Width	5.4 cm
Package 1 Length	2.8 cm
Package 1 Weight	116 g
Unit Type of Package 2	S02
Number of Units in Package 2	28
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	3.563 kg
Unit Type of Package 3	P12
Number of Units in Package 3	896
Package 3 Height	750 cm
Package 3 Width	80 cm
Package 3 Length	120 cm
Package 3 Weight	126.016 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 >](#)

Use Better

Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant
SCIP Number	A9614fa2-07f8-47d1-a2fe-e27b32003d8d
REACH Regulation	REACH Declaration

Use Longer

Lifetime extension	
Repair	No

Use Again

Repack and remanufacture	
End of life manual availability	No need of specific recycling operations
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