

Product datasheet

Specifications



Cartridge, Acti9 iPRD1 C25r, for surge arrester iPRD1 C25r 3P+N, type 1+2, L-N protection mode, without fuse

A9L1C600

EAN Code: 3606486808597

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 + N
Earthing system	TT TN-S TN-C
[Ue] rated operational voltage	240 V AC 50/60 Hz
Nominal discharge current	Differential mode: 25 kA (L/N)
Maximum discharge current	Differential mode: 65 kA L/N
[Iimp] impulse current	Differential mode: 25 kA L/N 12.5 A.s
[Uc] maximum continuous operating voltage	Differential mode: 275 V L/N
Maximum [Up] voltage protection level	Differential mode <1.5 kV L/N
[Ut] temporary overvoltage	442 V L/N 120 min withstand
[Ifi] follow current	50 kA
Short-circuit withstand	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
Colour	White (RAL 9003)
Material	Thermoplastic
Response time	< 100 ns

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