

# Product datasheet

Specifications



Cartridge, Acti9 iPRD1 C25r, for surge arrester iPRD1 C25r/F25r 3P+N/3P+N, type 1+2, N-PE protection mode, without fuse

A9L1C602

EAN Code: 3606486819593

## Main

range of product	Acti9
Product or component type	Cartridge
Device short name	iPRD1 C25r
Range compatibility	Acti9 iPRD1 C25r Acti9 iPRD1 F25r
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 Surge protection device iPRD1 F25r 3P + N
Earthing system	TT TN-S
[Ue] rated operational voltage	240 V AC 50/60 Hz
Nominal discharge current	Common mode: 100 kA (N/PE)
Maximum discharge current	Common mode: 150 kA N/PE
[Iimp] impulse current	Common mode: 100 kA N/PE 50 A.s
[Uc] maximum continuous operating voltage	Common mode: 305 V N/PE
Maximum [Up] voltage protection level	Common mode <1.5 kV N/PE
[Ut] temporary overvoltage	1200 V N/PE 200 ms withstand
[Ifi] follow current	100 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	115 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	3.000 cm
Package 1 Width	5.800 cm
Package 1 Length	10.500 cm
Package 1 Weight	121.000 g
Unit Type of Package 2	S02
Number of Units in Package 2	16
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	2.269 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