

Product datasheet

Specifications



Surge arrester with pluggable cartridge, Acti9 iPRD1 F25r, 3P, 25kA, type 1+2, with fuse, with remote monitoring

A9L1F325

EAN Code: 3606486808429

Main

Range of product	IPRD1
range of product	Acti9
Product name	Acti9 iPRD1
Product or component type	Surge arrester with pluggable cartridge
Device short name	iPRD1 F25r
Device application	Distribution
Standards	IEC 61643-11:2011 EN 61643-11:2012 EN 61643-11:2018/A11
Product certifications	CE
Quality labels	VDE
Poles description	3P
Remote signalling	With
Surge arrester type	Electrical distribution network
Earthing system	TN-C
Condition of use	Fuse (integrated)

Complementary

Surge arrester class type	Type 1 + 2
Surge arrester technology	GDT
[Ue] rated operational voltage	400 V AC at 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	75 kA
Short-circuit withstand	75 kA
Local signalling	Operating state: flag (green) Fault indication: flag (red)

Signalling circuit voltage	1 A/250 V AC 1 A/125 V AC 0.5 A/48 V DC 0.5 A/24 V DC 0.5 A/12 V DC
Mounting mode	Clip-on (DIN rail)
9 mm pitches	12
Height	105 mm
Width	108 mm
Depth	86 mm
Net weight	990 g
Quantity per set	Set of 1
Colour	White (RAL 9003)
Material	Thermoplastic
Response time	< 100 ns
Cable cross section	0.25...1.5 mm ² solid cable for remote control 6...35 mm ² solid stranded cable for power terminals 6...25 mm ² flexible cable for power terminals 16...35 mm ² solid stranded cable for earthing terminal 16...25 mm ² flexible cable for earthing terminal
Wire stripping length	Remote control: 10 mm Power terminals: 18 mm Earthing terminal: 18 mm
Tightening torque	Power circuit: 4.5 N.m
Impulse current	25 kA
Targeted country	Germany

Environment

IP degree of protection	IP20 with cartridges fitted and device wired
IK degree of protection	IK05
Relative humidity	5...95 %
Operating altitude	0...2000 m
Ambient air temperature for operation	-40...85 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	12.900 cm
Package 1 Width	13.200 cm
Package 1 Length	13.600 cm
Package 1 Weight	1.150 kg
Unit Type of Package 2	S03
Number of Units in Package 2	8
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm

Package 2 Weight	9.820 kg
Unit Type of Package 3	P12
Number of Units in Package 3	128
Package 3 Height	75.000 cm
Package 3 Width	80.000 cm
Package 3 Length	120.000 cm
Package 3 Weight	168.560 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

[Environmental Disclosure](#)

[Product Environmental Profile](#)

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