

# Product datasheet

Specifications



Surge arrester with pluggable cartridge, Acti9 iPRD1 C25r, 3P, 25kA, type 1+2, compact, with remote monitoring

A9L1C325

EAN Code: 3606486808573

## 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 C25r
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

## 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	50 kA
Short-circuit withstand	50 kA
Disconnecter device type	Associated fuse gG 315 A
Local signalling	Operating state: flag (green) Fault indication: flag (red)

<b>Signalling circuit voltage</b>	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
<b>Mounting mode</b>	Clip-on (DIN rail)
<b>9 mm pitches</b>	6
<b>Height</b>	105 mm
<b>Width</b>	54 mm
<b>Depth</b>	86 mm
<b>Net weight</b>	508 g
<b>Quantity per set</b>	Set of 1
<b>Colour</b>	White (RAL 9003)
<b>Material</b>	Thermoplastic
<b>Response time</b>	< 100 ns
<b>Cable cross section</b>	1...1.5 mm <sup>2</sup> solid cable for remote control 16...35 mm <sup>2</sup> solid stranded cable for power terminals 16...25 mm <sup>2</sup> flexible cable for power terminals
<b>Tightening torque</b>	Power circuit: 4.5 N.m
<b>Impulse current</b>	25 kA
<b>Targeted country</b>	Germany

## Environment

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

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	7.800 cm
<b>Package 1 Width</b>	13.400 cm
<b>Package 1 Length</b>	11.900 cm
<b>Package 1 Weight</b>	560.000 g
<b>Unit Type of Package 2</b>	S02
<b>Number of Units in Package 2</b>	8
<b>Package 2 Height</b>	15.000 cm
<b>Package 2 Width</b>	30.000 cm
<b>Package 2 Length</b>	40.000 cm
<b>Package 2 Weight</b>	4.790 kg
<b>Unit Type of Package 3</b>	P12
<b>Number of Units in Package 3</b>	256

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<b>Package 3 Height</b>	75.000 cm
<b>Package 3 Width</b>	80.000 cm
<b>Package 3 Length</b>	120.000 cm
<b>Package 3 Weight</b>	171.328 kg

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## **Contractual warranty**

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<b>Warranty (in months)</b>	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