

# Product datasheet

Specifications



## iPRD8r modular surge arrester - 4P - IT - 460V - with remote transfert

A9L08421

⚠ Discontinued on: 12 Jan 2023

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## Main

Range of product	IPRD
range of product	Acti9
Product name	Acti9 iPRD
Product or component type	Surge arrester with pluggable cartridge
Device short name	iPRD8r
Device application	Distribution
Standards	EN 61643-11:2012 IEC 61643-11:2011
Product certifications	CE
Poles description	4P
Remote signalling	With
Signal contacts composition	1 SD (1 C/O)
Surge arrester type	Electrical distribution network
Earthing system	IT

## Complementary

Surge arrester class type	Type 2 + 3
Surge arrester technology	MOV
[Ue] rated operational voltage	230/400 V AC (+/- 10 %) at 50/60 Hz
Nominal discharge current	Common mode: 2.5 kA (L/PE) Common mode: 2.5 kA (N/PE)
Maximum discharge current	Common mode: 8 kA L/PE Common mode: 8 kA N/PE
[Uc] maximum continuous operating voltage	Common mode: 460 V L/PE
Maximum [Up] voltage protection level	Common mode <1.6 kV type 2 L/PE Common mode <1.8 kV type 3 L/PE Common mode <1.6 kV type 2 N/PE Common mode <1.8 kV type 3 N/PE
[Ut] temporary overvoltage	337 V L/N 5 s withstand 1455 V L/PE 200 ms safe failure mode 1455 V N/PE 200 ms safe failure mode
Short-circuit withstand	5 kA 415 V Ph/Ph

<b>Disconnecter device type</b>	Associated circuit breaker iC60L 10 A curve C - Icu 25 kA Associated circuit breaker IC60N 10 A curve C - Icu 10 kA Associated circuit breaker iC60H 10 A curve C - Icu 15 kA Associated fuse gG 25 A - Icu 15 kA Associated fuse gG 80 A - Icu 50 kA
<b>Signalling circuit voltage</b>	0.25 A/250 V AC 50/60 Hz
<b>Mounting mode</b>	Clip-on (DIN rail)
<b>9 mm pitches</b>	8
<b>Height</b>	85 mm
<b>Width</b>	72 mm
<b>Depth</b>	69 mm
<b>Net weight</b>	450 g
<b>Colour</b>	White (RAL 9003)
<b>[Ipe] Ground residual current</b>	0.6 mA
<b>Connections - terminals</b>	Tunnel type terminal (top or bottom) 2.5...25 mm <sup>2</sup> rigid Tunnel type terminal (top or bottom) 4...16 mm <sup>2</sup> flexible Tunnel type terminal (top or bottom) 4...16 mm <sup>2</sup> flexible with ferrule
<b>Tightening torque</b>	3.5 N.m
<b>Targeted country</b>	All
<b>Compatibility code</b>	IPRD8r

## Environment

<b>Relative humidity</b>	5...95 %
<b>Operating altitude</b>	2000 m
<b>Ambient air temperature for operation</b>	-25...60 °C
<b>Ambient air temperature for storage</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>	8.000 cm
<b>Package 1 Length</b>	9.200 cm
<b>Package 1 Weight</b>	490.000 g
<b>Unit Type of Package 2</b>	BB1
<b>Number of Units in Package 2</b>	3
<b>Package 2 Height</b>	8.000 cm
<b>Package 2 Width</b>	9.500 cm
<b>Package 2 Length</b>	27.500 cm
<b>Package 2 Weight</b>	1.560 kg
<b>Unit Type of Package 3</b>	S03
<b>Number of Units in Package 3</b>	27
<b>Package 3 Height</b>	30.000 cm
<b>Package 3 Width</b>	30.000 cm

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Package 3 Length	40.000 cm
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Package 3 Weight	14.571 kg
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## Contractual warranty

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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

No

[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

[End of Life Information](#)

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