

# Product data sheet

Specifications



## iPRD40r modular surge arrester - 3P - IT - 460V - with remote transfert

A9L40321

### Main

Range Of Product	Acti9
Product Name	Acti9 iPRD
Product Or Component Type	Surge arrester with pluggable cartridge
Device Short Name	iPRD40r
Device Application	Distribution
Standards	EN 61643-11:2012 IEC 61643-11:2011
Product Certifications	CE
Poles Description	3P
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
Surge Arrester Technology	MOV
[Ue] Rated Operational Voltage	230/400 V AC (+/- 10 %) at 50/60 Hz
[In] Nominal Discharge Current	Common mode: 15 kA (L/PE)
[Imax] Maximum Discharge Current	Common mode: 40 kA L/PE
[Uc] Maximum Continuous Operating Voltage	Common mode: 460 V L/PE
Maximum [Up] Voltage Protection Level	Common mode <2.2 kV type 2 L/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
[Iscrr] Short-Circuit Current Rating	5 kA 415 V Ph/Ph
Disconnecter Device Type	Associated fuse gG 63 A - Icu 15 kA Associated fuse gG 80 A - Icu 50 kA Associated circuit breaker NG125L 40 A curve C - Icu 50 kA Associated circuit breaker NG125H 40 A curve C - Icu 36 kA Associated circuit breaker IC60N 40 A curve C - Icu 10 kA Associated circuit breaker iC60H 40 A curve C - Icu 15 kA Associated circuit breaker NG125N 40 A curve C - Icu 25 kA
Signalling Circuit Voltage	0.25 A/250 V AC 50/60 Hz
Mounting Mode	Clip-on (DIN rail)

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

9 Mm Pitches	6
Height	85 mm
Width	54 mm
Depth	69 mm
Net Weight	340 g
Colour	White (RAL 9003)
[Ipe] Ground Residual Current	0.6 mA
Connections - Terminals	Tunnel type terminal (top or bottom) 2.5...25 mm² rigid Tunnel type terminal (top or bottom) 4...16 mm² flexible Tunnel type terminal (top or bottom) 4...16 mm² flexible with ferrule
Wire Stripping Length	14 mm
Tightening Torque	3.5 N.m

## Environment

Relative Humidity	5...95 %
Operating Altitude	2000 m
Ambient Air Temperature For Operation	-25...60 °C
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	6.915 cm
Package 1 Width	5.4 cm
Package 1 Length	8.48 cm
Package 1 Weight	375 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	4
Package 2 Height	10.2 cm
Package 2 Width	8.4 cm
Package 2 Length	27.5 cm
Package 2 Weight	1.546 kg
Unit Type Of Package 3	S03
Number Of Units In Package 3	36
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	15.038 kg

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

## Well-being performance

 Reach Free Of Svhc

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### Reach Regulation

[REACH Declaration](#)

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### Eu Rohs Directive

Compliant

[EU RoHS Declaration](#)

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### China Rohs Regulation

[China RoHS declaration](#)

Pro-active China RoHS declaration (out of China RoHS legal scope)

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