

# Product datasheet

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	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
[Isc cr] 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


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

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

## Well-being performance

<div></div>	Rohs Exemption Information	Yes
<hr/>		
Reach Regulation	<a href="#">REACH Declaration</a>	
<hr/>		
Eu Rohs Directive	Compliant	<a href="#">EU RoHS Declaration</a>
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China Rohs Regulation	<a href="#">China RoHS declaration</a>	
	Pro-active China RoHS declaration (out of China RoHS legal scope)	