

Product data sheet

Characteristics

A9L40321

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



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)
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

Offer Sustainability

REACH Regulation	 REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant  EU RoHS Declaration
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes

Contractual warranty

Warranty	18 개월
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