

Product data sheet

Specifications



iPRD40r modular surge arrester - 3P - 350V - with remote transfert

A9L40301

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
Quality labels	NF KEMA-KEUR
Poles description	3P
Remote signalling	With
Signal contacts composition	1 SD (1 C/O)
Surge arrester type	Electrical distribution network
Earthing system	TN-C IT 230

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) Common mode: 15 kA (N/PE)
[Imax] maximum discharge current	Common mode: 40 kA L/PE
[Uc] maximum continuous operating voltage	Common mode: 350 V L/PE
Maximum [Up] voltage protection level	Common mode <1.6 kV type 2 L/PE
[Ut] temporary overvoltage	337 V L/N 5 s withstand 1200 V N/PE 200 ms safe failure mode
Disconnecter device type	Associated circuit breaker iC60H 50 A curve C - Icu 15 kA Associated circuit breaker IC60N 40 A curve C - Icu 10 kA Associated circuit breaker NG125H 63 A curve C - Icu 36 kA Associated circuit breaker NG125L 63 A curve C - Icu 50 kA Associated circuit breaker NG125N 40 A curve C - Icu 25 kA

Associated fuse gG 63 A - Icu 15 kA
Associated fuse gG 80 A - Icu 50 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	0.323 kg
Colour	White (RAL 9003)
[I_{pe}] Ground residual current	0.6 mA 0.003 mA
Connections - terminals	Tunnel type terminal (downside) 2.5...35 mm ² Tunnel type terminal (upside) 2.5...35 mm ²
Tightening torque	2.5 N.m

Environment

IK degree of protection	IK03 conforming to IEC 62262
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	7.5 cm
Package 1 Width	6.5 cm
Package 1 Length	9 cm
Package 1 Weight	351 g
Unit Type of Package 2	BB1
Number of Units in Package 2	4
Package 2 Height	8.5 cm
Package 2 Width	9.7 cm
Package 2 Length	27.5 cm
Package 2 Weight	1.471 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	13.823 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile

Contractual warranty

Warranty	18 months
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Recommended replacement(s)