Product data sheet

Specifications

iPRD20 modular surge arrester - 1P - 350V

A9L20100

Main

range of product	Acti9
Product name	Acti9 iPRD
product or component type	Surge arrester with pluggable cartridge
Device short name	iPRD20
Device application	Distribution
Standards	EN 61643-11:2012 IEC 61643-11:2011
Product certifications	CE
Quality labels	KEMA-KEUR NF
poles description	1P
Remote signalling	Without
Surge arrester type	Electrical distribution network
Earthing system	IT 230 TN-C

Complementary

Surge arrester class type	Type 2
Surge arrester technology	MOV
[Ue] rated operational voltage	230 V AC (+/- 10 %) at 50/60 Hz
[In] nominal discharge current	Common mode: 5 kA (L/PE) Common mode: 5 kA (N/PE)
[Imax] maximum discharge current	Common mode: 20 kA L/PE
[Uc] maximum continuous operating voltage	Common mode: 350 V L/PE Common mode: 350 V N/PE
Maximum [Up] voltage protection level	Common mode <1.1 kV type 2 L/PE
[Ut] temporary overvoltage	337 V L/N 5 s withstand 1200 V N/PE 200 ms safe failure mode
Disconnector device type	Associated circuit breaker IC60N 20 A curve C - Icu 10 kA Associated circuit breaker iC60H 20 A curve C - Icu 15 kA Associated circuit breaker iC60L 20 A curve C - Icu 25 kA Associated circuit breaker NG125H 20 A curve C - Icu 36 kA Associated circuit breaker NG125L 20 A curve C - Icu 50 kA Associated fuse gG 40 A - Icu 15 kA Associated fuse gG 80 A - Icu 50 kA
Mounting mode	Clip-on (DIN rail)
9 mm pitches	2

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

Height	85 mm
Width	18 mm
Depth	69 mm
net weight	0.11 kg
Colour	White (RAL 9003)
[Ipe] Ground residual current	0.6 mA 0.003 mA
Connections - terminals	Tunnel type terminal (downside) 2.5…35 mm² Tunnel type terminal (upside) 2.5…35 mm²
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	7.2 cm
Package 1 Width	2.2 cm
Package 1 Length	9.2 cm
Package 1 Weight	128.0 g
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Height	8.5 cm
Package 2 Width	10 cm
Package 2 Length	28 cm
Package 2 Weight	1.6 kg
Unit Type of Package 3	S03
Number of Units in Package 3	108
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	14.947 kg

Contractual warranty

Warranty	18 months

Sustainability

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Transparency

RoHS/REACh

Well-being performance

Reach Free Of Svhc	
Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information