Product data sheet

Specifications

iQuick PRD20r modular surge arrester - 3 poles + N - 350V - with remote transfer

A9L16297

Main

Range Of Product	Acti9
Product Name	Acti9 iQuick PRD
Product Or Component Type	Surge arrester with pluggable cartridge
Device Short Name	iQuick PRD20r
Device Application	Distribution
Standards	EN 61643-11:2012 IEC 61643-11:2011
Product Certifications	CE
Quality Labels	KEMA-KEUR NF
Poles Description	3P + N
Remote Signalling	With
Signal Contacts Composition	1 SD (1 C/O)
Surge Arrester Type	Electrical distribution network
Earthing System	TT TN-S

Complementary

Surge Arrester Class Type	Type 2
Surge Arrester Technology	MOV + GDT
[Ue] Rated Operational Voltage	230/400 V AC (+/- 10 %) at 50/60 Hz
[In] Nominal Discharge Current	Common mode: 5 kA (L/PE) Common mode: 5 kA (N/PE) Differential mode: 5 kA (L/N)
[Imax] Maximum Discharge Current	Common mode: 20 kA L/PE Common mode: 20 kA N/PE Differential mode: 20 kA L/N
[Uc] Maximum Continuous Operating Voltage	Common mode: 264 V N/PE Common mode: 350 V L/PE Differential mode: 350 V L/N
Maximum [Up] Voltage Protection Level	Common mode <1.5 kV type 2 L/PE Common mode <1.5 kV type 2 N/PE Differential mode <1.5 kV type 2 L/N
Disconnector Device Type	Integrated circuit breaker - Icu 25 kA
Signalling Circuit Voltage	2 A/250 V AC 50/60 Hz
Mounting Mode	Clip-on (DIN rail)
9 Mm Pitches	14.6

Height	94 mm
Width	131.5 mm
Depth	75.9 mm
Net Weight	0.84 kg
Colour	White (RAL 9003)
Connections - Terminals	Tunnel type terminal (downside) 2.5…25 mm² Tunnel type terminal (upside) 2.5…25 mm²
Tightening Torque	2.5 N.m

Environment

Ik Degree Of Protection	IK05 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…70 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	9.000 cm
Package 1 Width	10.000 cm
Package 1 Length	15.000 cm
Package 1 Weight	868.000 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	12
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	10.906 kg

Contractual warranty

Warranty	18 months

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Transparency   RoHS/REACh

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information   Yes

✓ Halogen Free Plastic Parts & Cables Product

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	No need of specific recycling operations