

Product data sheet

Specifications



iPRD20r modular surge arrester - 3 poles + N - 340V - with remote transfer

A9L16674

⚠ Discontinued on: Mar 31, 2022

⚠ Discontinued

Main

Range Of Product	Acti9
Product Name	Acti9 iPRD
Product Or Component Type	Surge arrester with pluggable cartridge
Device Short Name	iPRD
Device Application	Distribution
Standards	EN 61643-11 IEC 61643-11
Product Certifications	CE
Quality Labels	KEMA-KEUR OVE 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 V AC (+/- 10 %) at 50/60 Hz 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: 340 V L/PE Common mode: 260 V N/PE Differential mode: 340 V L/N
Maximum [Up] Voltage Protection Level	Differential mode <1.1 kV type 2 L/N Common mode <1.4 kV type 2 N/PE
Disconnecter Device Type	Associated circuit breaker IC60N 25 A curve C - Icu 10 kA Associated circuit breaker iC60H 25 A curve C - Icu 15 kA Associated circuit breaker iC60L 25 A curve C - Icu 25 kA

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

Signalling Circuit Voltage	0.25 A/250 V AC 50/60 Hz
Mounting Mode	Clip-on (DIN rail)
9 Mm Pitches	8
Height	81 mm
Width	72 mm
Depth	69 mm
Colour	White (RAL 9003)
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...90 %
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	8 cm
Package 1 Length	8.5 cm
Package 1 Weight	0.427 kg

Contractual warranty

Warranty	18 months
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