

# Product data sheet

Specifications



## iPRD8 modular surge arrester - 4 poles - 340V

A9L16680

⚠ Discontinued on: Aug 9, 2018

⚠ Discontinued

### Main

Range Of Product	Acti9
Product Name	Acti9 iPRD
Product Or Component Type	Surge arrester with pluggable cartridge
Device Short Name	iPRD8
Device Application	Distribution
Standards	EN 61643-11 IEC 61643-11
Product Certifications	CE
Quality Labels	KEMA-KEUR NF OVE
Poles Description	4P
Remote Signalling	Without
Surge Arrester Type	Electrical distribution network
Earthing System	TN-C

### Complementary

Surge Arrester Class Type	Type 2 + 3
Surge Arrester Technology	MOV
[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: 2.5 kA (L/PE) Common mode: 2.5 kA (N/PE)
[Imax] Maximum Discharge Current	Common mode: 8 kA L/PE Common mode: 8 kA N/PE
[Uoc] Open Circuit Voltage	10 kV type 3 common mode L/PE 10 kV type 3 common mode N/PE
[Uc] Maximum Continuous Operating Voltage	Common mode: 340 V L/PE Common mode: 340 V N/PE
Maximum [Up] Voltage Protection Level	Common mode <1 kV type 2 L/PE Common mode <1 kV type 2 N/PE Common mode <1 kV type 3 L/PE Common mode <1 kV type 3 N/PE
[I Total] Discharge Current	30 kA
Disconnecter 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

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

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	7.2 cm
Package 1 Width	8 cm
Package 1 Length	9 cm
Package 1 Weight	0.414 kg

## Contractual warranty

Warranty	18 months
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