

Product data sheet

Specifications



iPRD8 modular surge arrester - 3 poles + N - 340V

A9L16579

! Discontinued on: 14 November 2019

! Discontinued

Main

Range of product	Acti 9
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	OVE KEMA-KEUR NF
Poles description	3P + N
Remote signalling	Without
Surge arrester type	Electrical distribution network
Earthing system	TN-S TT

Complementary

Surge arrester class type	Type 2 + 3
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: 2.5 kA (L/PE) Common mode: 2.5 kA (N/PE) Differential mode: 2.5 kA (L/N)
[Imax] maximum discharge current	Common mode: 8 kA L/PE Common mode: 8 kA N/PE Differential mode: 8 kA L/N
[Uoc] open circuit voltage	10 kV type 3 common mode N/PE 10 kV type 3 differential mode 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	Common mode <1.1 kV type 3 N/PE Differential mode <1 kV type 2 L/N Differential mode <1.1 kV type 3 L/N

Common mode <1.4 kV type 2 N/PE

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
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 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...90 %
Operating altitude	2000 m
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...85 °C

Packing Units

Package 1 Weight	0.424 kg
Package 1 Height	0.750 dm
Package 1 Width	0.850 dm
Package 1 Length	0.900 dm

Contractual warranty

Warranty	18 months
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Recommended replacement(s)

A9L16579 is replaced by:

1x



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A9L08600