

# Product data sheet

Specifications



## iPRD8 modular surge arrester - 1 pole + N - 340V

A9L16577

! Discontinued on: 31 March 2022

! 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	1P + 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
[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

<b>Disconnecter device type</b>	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
<b>Mounting mode</b>	Clip-on (DIN rail)
<b>9 mm pitches</b>	4
<b>Height</b>	81 mm
<b>Width</b>	36 mm
<b>Depth</b>	69 mm
<b>Colour</b>	White (RAL 9003)
<b>Connections - terminals</b>	Tunnel type terminal (downside) 2.5...35 mm <sup>2</sup> Tunnel type terminal (upside) 2.5...35 mm <sup>2</sup>
<b>Tightening torque</b>	2.5 N.m

## Environment

<b>IK degree of protection</b>	IK03 conforming to IEC 62262
<b>Relative humidity</b>	5...90 %
<b>Operating altitude</b>	2000 m
<b>Ambient air temperature for operation</b>	-25...60 °C
<b>Ambient air temperature for storage</b>	-40...85 °C

## Packing Units

<b>Package 1 Weight</b>	0.230 kg
<b>Package 1 Height</b>	0.450 dm
<b>Package 1 Width</b>	0.750 dm
<b>Package 1 Length</b>	0.900 dm

## Contractual warranty

<b>Warranty</b>	18 months
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## Recommended replacement(s)

A9L16577 is replaced by:

1x



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A9L08500