### **Product datasheet**

Specification





# A9L20300 - iPRD20 modular surge arrester - 3P - 350V

A9L20300

#### Main

Range Of Product	Acti9
Product Name	Acti9 iPRD
Product Or Component Type	Surge arrester with pluggable cartridge
Device Short Name	iPRD20
Device Application	Distribution
Standards	EN 61643-11:2012 IEC 61643-11:2011
Product Certifications	CE
Quality Labels	KEMA-KEUR NF
Poles Description	3P
Remote Signalling	Without
Surge Arrester Type	Electrical distribution network
Earthing System	TN-C IT 230

#### Complementary

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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: 260 V N/PE Common mode: 350 V L/PE Differential mode: 350 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
[Ut] Temporary Overvoltage	337 V L/N 5 s withstand 1200 V N/PE 200 ms safe failure mode
Disconnector 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 Associated circuit breaker NG125H 20 A curve C - Icu 36 kA Associated circuit breaker NG125L 20 A curve C - Icu 50 kA Associated fuse gG 40 A - Icu 15 kA Associated fuse gG 80 A - Icu 50 kA

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

Mounting Mode	Clip-on (DIN rail)
9 Mm Pitches	6
Height	85 mm
Width	54 mm
Depth	69 mm
Net Weight	0.317 kg
Colour	White (RAL 9003)
[Ipe] Ground Residual Current	0.6 mA 0.003 mA
Connections - Terminals	Tunnel type terminal (downside) 2.535 mm² Tunnel type terminal (upside) 2.535 mm²
Tightening Torque	2.5 N.m

#### **Environment**

Ik Degree Of Protection	IK03 conforming to IEC 62262
Relative Humidity	595 %
Operating Altitude	2000 m
Ambient Air Temperature For Operation	-2560 °C
Ambient Air Temperature For Storage	-4085 °C

## Packing Units Unit Type Of Package 1

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	6.000 cm
Package 1 Width	7.500 cm
Package 1 Length	9.500 cm
Package 1 Weight	343.400 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	4
Package 2 Height	8.500 cm
Package 2 Width	10.000 cm
Package 2 Length	28.000 cm
Package 2 Weight	1.445 kg
Unit Type Of Package 3	S03
Number Of Units In Package 3	36
Package 3 Height	30.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	13.664 kg

#### **Contractual warranty**

Warranty 18 months



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Transparency RoHS/REACh

#### Well-being performance



Reach Free Of Svhc



Rohs Exemption Information

Yes

#### **Certifications & Standards**

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration  Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information