Product datasheet





Modular surge arrester, Acti9 iPRD1 12.5, 3 P + N, 350 V, with remote transfert

A9L16482

Main

Range Of Product	Acti9
Product Name	Acti9 iPRD1
Product Or Component Type	Surge arrester
Device Short Name	iPRD1 12.5
Device Application	Distribution
Standards	EN 61643-11:2012 IEC 61643-11:2011
Quality Labels	CE EAC VDE
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 1 + 2
Surge Arrester Technology	MOV + GDT
[Ue] Rated Operational Voltage	230/400 V AC (+/- 10 %) at 5060 Hz
[In] Nominal Discharge Current	20 kA
[Imax] Maximum Discharge Current	50 kA
[limp] Impulse Current	Common mode: 50 kA N/PE Differential mode: 12.5 kA L/N
[Uc] Maximum Continuous Operating Voltage	Differential mode: 350 V L/N Common mode: 255 V N/PE
Maximum [Up] Voltage Protection Level	<1.5 kV type 1 + 2
Residual Current	0.003 mA 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 fuse gG 160 A 120 kA standard Associated circuit breaker Compact NSX160E 80 A 25 kA standard
Local Signalling	Operating: mechanical indicator (white) End of life: mechanical indicator (red)

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Mounting Mode	Clip-on (DIN rail)
9 Mm Pitches	8
Height	89 mm
Width	72 mm
Depth	69 mm
Net Weight	619 g
Colour	White (RAL 9003)
Material	PA6
Connections - Terminals	Tunnel type terminal (phase) 1025 mm² flexible Tunnel type terminal (phase) 1035 mm² rigid Tunnel type terminal (earth) 1625 mm² flexible Tunnel type terminal (earth) 1635 mm² rigid
Wire Stripping Length	14 mm
Tightening Torque	3.5 N.m

Environment

Ik Degree Of Protection	IK05 conforming to IEC 62262
Pollution Degree	3
Relative Humidity	595 %
Operating Altitude	2000 m
Ambient Air Temperature For Operation	-2560 °C
Ambient Air Temperature For Storage	-4080 °C

Packing Units

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Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	8.000 cm
Package 1 Width	8.000 cm
Package 1 Length	9.300 cm
Package 1 Weight	649.000 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	3
Package 2 Height	8.500 cm
Package 2 Width	9.700 cm
Package 2 Length	28.000 cm
Package 2 Weight	2.596 kg
Unit Type Of Package 3	S02
Number Of Units In Package 3	9
Package 3 Height	15.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	6.446 kg



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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
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information