A9L20300

iPRD20 modular surge arrester - 3P - 350V





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

Complementary	
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)
[lmax] 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
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)
[lpe] Ground residual current	0.6 MA 0.003 mA
Connections - terminals	Tunnel type terminal (downside) 2.535 mm ² Tunnel type terminal (upside) 2.535 mm ²
Tightening torque	2.5 N.m

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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

1 doking office	
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

Offer Sustainability

Sustainable offer status	Green Premium product	
REACh Regulation	☑ REACh Declaration	
REACh free of SVHC	Yes	
EU RoHS Directive	Compliant EEU RoHS Declaration	
China RoHS Regulation	China RoHS Declaration	
RoHS exemption information	₫Yes	
Environmental Disclosure	Product Environmental Profile	
Circularity Profile	[™] End Of Life Information	

Contractual warranty

- Contraction from the first of	
Warranty	18 months