

Product Datasheet

Characteristic

A9L08601

iPRD8r modular surge arrester - 3P + N - 350V - with remote transfert



Main

Range	Acti9
Product name	Acti9 iPRD
product or component type	Surge arrester with pluggable cartridge
Device short name	iPRD8r
Device application	Distribution
Standards	EN 61643-11:2012 IEC 61643-11:2011
Product certifications	CE
Quality labels	NF KEMA-KEUR
poles description	3P + N
Remote signalling	With
Signal contacts composition	1 SD (1 C/O)
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	230/400 V AC (+/- 10 %) at 50/60 Hz
Nominal discharge current	Common mode: 2.5 kA (L/PE) Common mode: 2.5 kA (N/PE) Differential mode: 2.5 kA (L/N)
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: 260 V N/PE Common mode: 350 V L/PE Differential mode: 350 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

[Ut] temporary overvoltage	337 V L/N 5 s withstand 1200 V N/PE 200 ms safe failure mode 442 V L/PE 5 s withstand
Disconnecter device type	Associated circuit breaker iC60L 10 A curve C - Icu 25 kA Associated circuit breaker IC60N 10 A curve C - Icu 10 kA Associated circuit breaker iC60H 10 A curve C - Icu 15 kA Associated fuse gG 25 A - Icu 15 kA Associated fuse gG 80 A - Icu 50 kA
Signalling circuit voltage	0.25 A/250 V AC 50/60 Hz
Mounting mode	Clip-on (DIN rail)
9 mm pitches	8
Height	85 mm
Width	72 mm
Depth	69 mm
net weight	0.421 kg
Colour	White (RAL 9003)
Residual current	0.6 mA 0.003 mA
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...95 %
Operating altitude	2000 m
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...85 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8 cm
Package 1 Width	8 cm
Package 1 Length	9 cm
Package 1 Weight	453 g
Unit Type of Package 2	BB1
Number of Units in Package 2	3
Package 2 Height	9 cm
Package 2 Width	10 cm
Package 2 Length	28 cm
Package 2 Weight	1.422 kg
Unit Type of Package 3	S03
Number of Units in Package 3	27
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	13.359 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	Free of Substances of Very High Concern above the threshold
REACH free of SVHC	Yes
EU RoHS Directive	Compliant
China RoHS Regulation	 Pro-active China RoHS declaration (out of China RoHS legal scope)
RoHS exemption information	Yes

Environmental Disclosure	ENVPEP130303EN
Circularity Profile	ENVEOLI130301EN