

Product datasheet

Specifications



iPRD20 modular surge arrester - 3P + N - 350V

A9L20600

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	NF KEMA-KEUR
poles description	3P + N
Remote signalling	Without
Surge arrester type	Electrical distribution network
Earthing system	TT TN-S

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)
[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 442 V L/PE 5 s withstand 1453 V L/PE 200 ms safe failure mode

Disconnecter 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	8
Height	85 mm
Width	72 mm
Depth	69 mm
net weight	0.414 kg
Colour	White (RAL 9003)
[Ipe] Ground 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	7.5 cm
Package 1 Width	8 cm
Package 1 Length	9 cm
Package 1 Weight	441 g
Unit Type of Package 2	BB1
Number of Units in Package 2	3
Package 2 Height	8 cm
Package 2 Width	9.5 cm
Package 2 Length	27.5 cm
Package 2 Weight	1.384 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 12.982 kg

Contractual warranty

Warranty 18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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[Guide to assess a product's sustainability >](#)



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](#)