

Product datasheet

Specifications



PRD1 Master modular surge arrester - 3 poles - 350V - with remote transfer

16362

⚠ Discontinued on: 4 Aug 2021

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EAN Code: 3606480060458

Main

Range of product	PRD1 Master
range of product	Acti9
Product name	Acti9 PRD1 Master
Product or component type	Surge arrester with pluggable cartridge
Device short name	PRD1 Master
Device application	Distribution
Standards	EN 61643-11:2012 IEC 61643-11:2011
Product certifications	CE
Quality labels	KEMA-KEUR
Poles description	3P
Remote signalling	With
Signal contacts composition	1 SD (1 C/O)
Surge arrester type	Electrical distribution network
Earthing system	TN-C IT 230

Complementary

Surge arrester class type	Type 1
Surge arrester technology	Spark gap
[Ue] rated operational voltage	400 V AC (+/- 10 %) at 50/60 Hz
Nominal discharge current	Common mode: 25 kA (L/PE)
[Iimp] impulse current	Common mode: 25 kA L/PE 12.5 A.s
[Uc] maximum continuous operating voltage	Common mode: 350 V L/PE
Maximum [Up] voltage protection level	Common mode <1.5 kV type 2 L/PE
[Ut] temporary overvoltage	1200 V N/PE 200 ms withstand 415 V L/N 5 s withstand 440 V L/N 7200 ms safe failure mode
[Ifi] follow current	50 kA differential mode L/N 100 A common mode N/PE
Short-circuit withstand	50 kA
Disconnecter device type	Associated fuse gG 315 A standard Associated circuit breaker Compact NSX100F 100 A curve C - Icu 36 kA Associated circuit breaker Compact NSX100N 100 A curve C - Icu 50 kA

Signalling circuit voltage	1 A/250 V AC 1 A/30 V DC
Mounting mode	Clip-on (DIN rail)
9 mm pitches	12
Height	90 mm
Width	108 mm
Depth	71 mm
Product weight	1175 g
Colour	Anthracite grey (RAL 7016)
Material	PBT (polybutylene terephthalate)
Connections - terminals	Tunnel type terminal (top or bottom) 10...35 mm ² rigid Tunnel type terminal (top or bottom) 10...25 mm ² flexible
Tightening torque	4.5 N.m
Impulse current	25 kA
Compatibility code	PRD1_Master
Market segment	Small commercial

Environment

IK degree of protection	IK05 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...80 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9.500 cm
Package 1 Width	14.000 cm
Package 1 Length	18.800 cm
Package 1 Weight	1.135 kg
Unit Type of Package 2	S03
Number of Units in Package 2	7
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	8.557 kg

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Better



Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
SCIP Number	A9614fa2-07f8-47d1-a2fe-e27b32003d8d
EU RoHS Directive	Compliant
REACH Regulation	Reference contains Substances of Very High Concern above the threshold

Use Longer




Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

End of life manual availability	No need of specific recycling operations
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins