Product datasheet

Specifications



Discontinued

PRD40r modular surge arrester - 1 pole + N - 340V - with remote transfer

16562

Discontinued on: 25 Sept 2017

EAN Code: 3303430165620

Main

Range of product	PRD
range of product	Multi9
Product name	Multi9 PRD
Product or component type	Surge arrester with pluggable cartridge
Device short name	PRD40r
Device application	Distribution
Quality labels	KEMA-KEUR NF OVE
Poles description	1P + 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
Surge arrester technology	MOV + GDT
[Ue] rated operational voltage	230 V AC (+/- 10 %) at 50/60 Hz
Nominal discharge current	Common mode: 15 kA (L/PE) Common mode: 15 kA (N/PE) Differential mode: 15 kA (L/N)
Maximum discharge current	Common mode: 40 kA L/PE Common mode: 40 kA N/PE Differential mode: 40 kA L/N
[Uc] maximum continuous operating voltage	Common mode: 340 V L/PE Common mode: 260 V N/PE Differential mode: 340 V L/N
Maximum [Up] voltage protection level	Common mode <1.4 kV type 2 N/PE Differential mode <1.4 kV type 2 L/N
Disconnector device type	Associated circuit breaker 40 A - Icu 10 kA Associated circuit breaker 40 A - Icu 15 kA Associated circuit breaker 40 A - Icu 25 kA
Signalling circuit voltage	0.25 A/250 V AC 50/60 Hz
Mounting mode	Clip-on (DIN rail)

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

9 mm pitches	4
Height	81 mm
Width	36 mm
Depth	69 mm
Colour	Grey (RAL 7035)
Connections - terminals	Tunnel type terminal (downside) 2.5…35 mm² Tunnel type terminal (upside) 2.5…35 mm²
Tightening torque	2.5 N.m
Compatibility code	PRD40r

Environment

IK degree of protection	IK03 conforming to IEC 62262
Relative humidity	5…90 %
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	8.2 cm
Package 1 Width	4.2 cm
Package 1 Length	11.7 cm
Package 1 Weight	211 g

Contractual warranty

Warranty (in months)	18

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 Longer

Lifetime extension

Repair	No

Use Again

Repack and remanufacture

WEEE Label	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins