



Main

Range of product	PRD
Range	Multi 9
Product name	Multi 9 PRD
Product or component type	Surge arrester with pluggable cartridge
Device short name	PRD20r
Device application	Distribution
Poles description	2P
Remote signalling	With
Signal contacts composition	1 SD (1 C/O)
Surge arrester type	Electrical distribution network
Earthing system	IT

Complementary

Surge arrester class type	Type 2
Surge arrester technology	MOV
[Ue] rated operational voltage	230 V (+/- 10 %) AC 50/60 Hz
Nominal discharge current	Common mode : 5 kA L/PE
Maximum discharge current	Common mode : 20 kA L/PE
[Uc] maximum continuous operating voltage	Common mode : 460 V L/PE
[Up] voltage protection level	1.5 kV type 2 common mode L/PE
Disconnecter device type	Associated circuit breaker 25 A - Icu 10 kA Associated circuit breaker 25 A - Icu 15 kA Associated circuit breaker 25 A - Icu 25 kA
Local signalling	Flag color: white/red
Signalling circuit voltage	0.25 A/250 V AC 50/60 Hz
Mounting mode	Clip-on
Mounting support	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)
Response time	<= 25 ns
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
Compatibility code	PRD20r

Environment

IP degree of protection	On front face : IP40 conforming to IEC 60529 On terminal : IP20 conforming to IEC 60529
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

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0627 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Warranty period	18 months
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