



Commercial status  
End of Commercialisation :

⚠ End of Commercialisation

### Main

Range	Multi 9
Product name	Multi 9 PRD
Product or component type	Surge arrester with pluggable cartridge
Device short name	PRD40r
Device application	Distribution
Poles description	3P
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 + GDT
[Ue] rated operational voltage	230 V AC (+/- 10 %) at 50/60 Hz 400 V AC (+/- 10 %) at 50/60 Hz
Nominal discharge current	Common mode: 15 kA (L/PE)
Maximum discharge current	Common mode: 40 kA L/PE
[Uc] maximum continuous operating voltage	Common mode: 460 V L/PE
Maximum [Up] voltage protection level	Common mode <1.9 kV type 2 L/PE
Disconnecter 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
Mounting support	DIN rail
9 mm pitches	8
Height	81 Mm
Width	72 Mm
Depth	69 Mm
Colour	Grey (RAL 7035)
Response time	<= 25 ns
Connections - terminals	Tunnel type terminal (downside) 2.5...35 mm <sup>2</sup> Tunnel type terminal (upside) 2.5...35 mm <sup>2</sup>
Tightening torque	2.5 N.M

## Environment

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

## Contractual warranty

Warranty	18 months
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Product Life Status : **End of commerc. - Block**