



Main

Range	Acti 9
Product name	Acti 9 iPRD
Product or component type	Surge arrester with pluggable cartridge
Device short name	IPRD
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
[Ue] rated operational voltage	230/400 V (+/- 10 %) AC 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
[Up] voltage protection level	2.2 kV type 2 common mode L/PE
[Ut] temporary overvoltage	Withstand : 337 V L/N for 5 s Safe failure mode : 1455 V L/PE for 200 ms Safe failure mode : 1455 V N/PE for 200 ms
Disconnecter device type	Associated circuit breaker iC60L 20 A curve C - Icu 25 kA
Short-circuit withstand	50 kA
Short-circuit withstand	5 kA 415 V Ph/Ph
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
9 mm pitches	6
Height	85 mm
Width	54 mm
Depth	69 mm
Product weight	340 g
Colour	White (RAL 9003)
Response time	<= 25 ns
Residual current	0.6 mA
Connections - terminals	Tunnel type terminal, top or bottom 2.5...25 mm ² cable(s) rigid Tunnel type terminal, top or bottom 4...16 mm ² cable(s) flexible Tunnel type terminal, top or bottom 4...16 mm ² cable(s) flexible with ferrule
Wire stripping length	14 mm
Tightening torque	3.5 N.m

Environment

Standards	EN 61643-11 : 2012 IEC 61643-11 : 2011
Product certifications	CE
IP degree of protection	On front face : IP40 conforming to IEC 60529 Built-in : IP20 conforming to IEC 60529
Relative humidity	5...95 %
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	Not Green Premium product
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