



Main

Range	Acti 9
Product name	Acti 9 iPRD
Product or component type	Surge arrester with pluggable cartridge
Device short name	IPRD8r
Device application	Distribution
Poles description	4P
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 + 3
Surge arrester technology	MOV
[Ue] rated operational voltage	230/400 V AC (+/- 10 %) at 50/60 Hz
Nominal discharge current	Common mode: 2.5 kA (L/PE) Common mode: 2.5 kA (N/PE)
Maximum discharge current	Common mode: 8 kA L/PE Common mode: 8 kA N/PE
[Uc] maximum continuous operating voltage	Common mode: 460 V L/PE
Maximum [Up] voltage protection level	Common mode <1.6 kV type 2 L/PE Common mode <1.8 kV type 3 L/PE Common mode <1.6 kV type 2 N/PE Common mode <1.8 kV type 3 N/PE
[Ut] temporary overvoltage	337 V L/N 5 s withstand 1455 V L/PE 200 ms safe failure mode 1455 V N/PE 200 ms safe failure mode
Disconnecter device type	Associated circuit breaker iC60L 10 A curve C - Icu 25 kA Associated circuit breaker iC60N 10 A curve C - Icu 10 kA Associated circuit breaker iC60H 10 A curve C - Icu 15 kA
Short-circuit withstand	5 KA 415 V Ph/Ph
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	85 Mm
Width	72 Mm
Depth	69 Mm
Net weight	450 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 rigid Tunnel type terminal (top or bottom) 4...16 mm ² flexible Tunnel type terminal (top or bottom) 4...16 mm ² flexible with ferrule
Tightening torque	3.5 N.M

Environment

Standards	EN 61643-11:2012 IEC 61643-11:2011
Product certifications	CE
IP degree of protection	IP40 on front face: conforming to IEC 60529 IP20 built-in: 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

REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration

Product Life Status : **Commercialised**