



Main

Range	Acti 9
Product name	Acti 9 iPRD
Device short name	IPRD8r
Product or component type	Surge arrester with pluggable cartridge
Device application	Distribution
Poles description	3P + N
Remote signalling	With
Signal contacts composition	1 SD (1 C/O)
Surge arrester type	Electrical distribution network
Earthing system	TT TN-S
[Uoc] open circuit voltage	10 kV type 3 common mode N/PE 10 kV type 3 differential mode L/N

Complementary

Surge arrester class type	Type 2 + 3
Surge arrester technology	MOV + GDT
[Ue] rated operational voltage	230 V (+/- 10 %) AC 50/60 Hz 400 V (+/- 10 %) AC 50/60 Hz
Nominal discharge current	Common mode : 2.5 kA L/PE Common mode : 2.5 kA N/PE Differential mode : 2.5 kA L/N
Maximum discharge current	Common mode : 8 kA L/PE Common mode : 8 kA N/PE Differential mode : 8 kA L/N
[Uc] maximum continuous operating voltage	Common mode : 260 V N/PE Common mode : 350 V L/PE Differential mode : 350 V L/N
[Up] voltage protection level	1 kV type 2 differential mode L/N 1.1 kV type 3 common mode N/PE 1.1 kV type 3 differential mode L/N

1.4 kV type 2 common mode N/PE

[Ut] temporary overvoltage	Withstand : 337 V L/N for 5 s Withstand : 442 V L/PE for 5 s Safe failure mode : 1200 V N/PE for 200 ms
Disconnecter device type	Associated circuit breaker iC60L 10 A Icu 25 kA curve C Associated circuit breaker iC60N 10 A Icu 10 kA curve C Associated circuit breaker iC60H 10 A Icu 15 kA curve C
Short-circuit current	50 kA
Short-circuit withstand	50 kA
Local signalling	Flag color: white/red
Signalling circuit voltage	AC : 250 V 50/60 Hz
Signalling output current	0.25 A
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	8
Height	85 mm
Width	72 mm
Depth	69 mm
Product weight	0.421 kg
Colour	White (RAL 9003)
Response time	<= 25 ns
Residual current	0.003 mA 0.6 mA
Connections - terminals	Tunnel type terminal upside 2.5...35 mm ² Tunnel type terminal downside 2.5...35 mm ²
Tightening torque	2.5 N.m

Environment

Standards	EN 61643-11 : 2012 IEC 61643-11 : 2011
Product certifications	CE
Quality labels	NF KEMA-KEUR
IP degree of protection	On front face : IP40 Built-in : IP20
IK degree of protection	IK03
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	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1304 - 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 environmental
Product end of life instructions	Available End of life manual

Contractual warranty

Warranty period	18 months
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