



Main

Range of product	Acti 9
Product name	Acti 9 iPRD
Product or component type	Surge arrester with pluggable cartridge
Device short name	IPRD8
Device application	Distribution
Poles description	4P
Remote signalling	Without
Surge arrester type	Electrical distribution network
Earthing system	TN-C
[Uoc] open circuit voltage	10 kV type 3 common mode L/PE 10 kV type 3 common mode N/PE

Complementary

Surge arrester class type	Type 2 + 3
Surge arrester technology	MOV
[Ue] rated operational voltage	230 V (+/- 10 %) AC 50/60 Hz 400 V (+/- 10 %) AC 50/60 Hz
[In] nominal discharge current	Common mode : 2.5 kA L/PE Common mode : 2.5 kA N/PE
[Imax] maximum discharge current	Common mode : 8 kA L/PE Common mode : 8 kA N/PE
[Uc] maximum continuous operating voltage	Common mode : 340 V L/PE Common mode : 340 V N/PE
[Up] voltage protection level	<= 1 kV type 2 common mode L/PE <= 1 kV type 2 common mode N/PE <= 1 kV type 3 common mode L/PE <= 1 kV type 3 common mode N/PE
[I total] discharge current	30 kA
Disconnecter device type	Associated circuit breaker iC60H 20 A curve C - Icu 15 kA Associated circuit breaker iC60N 20 A curve C - Icu 10 kA Associated circuit breaker iC60L 20 A curve C - Icu 25 kA

Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	8
Height	81 mm
Width	72 mm
Depth	69 mm
Colour	White (RAL 9003)
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

Environment

Standards	EN 61643-11 IEC 61643-11
Product certifications	CE
Quality labels	OVE NF KEMA-KEUR
IP degree of protection	On front face : IP40 conforming to IEC 60529 Built-in : 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 0844 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference contains SVHC above the threshold - Go to CaP for more details Go to CaP for more details
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Warranty period	18 months 18 months
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A9L16680 is replaced by:



Surge arresters A9L08400

iPRD8 modular surge arrester - 4P - 350V

Qty 1

Reason for Substitution: End of life | Substitution date: 22 November 2017