



Main

Range of product	Acti 9
Product name	Acti 9 iQuick PRD
Product or component type	Surge arrester with pluggable cartridge
Device short name	IQuick PRD20r
Device application	Distribution
Poles description	1P + N
Remote signalling	With
Signal contacts composition	1 SD (1 C/O)
Surge arrester type	Electrical distribution network
Earthing system	TN-S TT

Complementary

Surge arrester class type	Type 2
Surge arrester technology	MOV + GDT
[Ue] rated operational voltage	230 V (+/- 10 %) AC 50/60 Hz
[In] nominal discharge current	Differential mode : 5 kA L/N Common mode : 5 kA L/PE Common mode : 5 kA N/PE
[Imax] maximum discharge current	Common mode : 20 kA L/PE Common mode : 20 kA N/PE Differential mode : 20 kA L/N
[Uc] maximum continuous operating voltage	Common mode : 264 V N/PE Differential mode : 350 V L/N
[Up] voltage protection level	<= 1.7 kV type 2 common mode N/PE <= 1.7 kV type 2 differential mode L/N
[Ut] temporary overvoltage	Withstand : 1200 V N/PE for 200 ms Withstand : 415 V L/N for 5 s Safe failure mode : 440 V L/N for 7200 s
Disconnecter device type	Integrated circuit breaker - Icu 25 kA

[Isc] short-circuit current rating	25 kA
[Isc] short-circuit current rating : double fault	25 kA
Signalling circuit voltage	2 A/250 V AC 50/60 Hz
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	8
Height	91.4 mm
Width	72 mm
Depth	75.9 mm
Product weight	435 g
Colour	White (RAL 9003)
Response time	<= 25 ns
[Ipe] Ground residual current	1 mA
Connections - terminals	Tunnel type terminal, L/N 2.5...25 mm ² cable(s) rigid Tunnel type terminal, ground 2.5...25 mm ² cable(s) rigid Tunnel type terminal, L/N 2.5...25 mm ² cable(s) flexible Tunnel type terminal, ground 2.5...25 mm ² cable(s) flexible Tunnel type terminal, L/N 2.5...35 mm ² cable(s) flexible with ferrule Tunnel type terminal, ground 2.5...25 mm ² cable(s) flexible with ferrule
Wire stripping length	11 mm
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 conforming to IEC 60529 Built-in : IP20 conforming to IEC 60529
IK degree of protection	IK05 conforming to IEC 62262
Relative humidity	5...95 %
Operating altitude	2000 m
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...80 °C

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1742 - 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 end of life instructions	Need no specific recycling operations

Contractual warranty

Warranty period	18 months
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