



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	TT TN-S

Complementary

Surge arrester class type	Type 2
Surge arrester technology	MOV + GDT
[Ue] rated operational voltage	230 V AC (+/- 10 %) at 50/60 Hz
[In] nominal discharge current	Common mode: 5 kA (L/PE) Common mode: 5 kA (N/PE) Differential mode: 5 kA (L/N)
[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
Maximum [Up] voltage protection level	Common mode <1.7 kV type 2 N/PE Differential mode <1.7 kV type 2 L/N
[Ut] temporary overvoltage	1200 V N/PE 200 ms withstand 415 V L/N 5 s withstand 440 V L/N 7200 s safe failure mode
Disconnecter device type	Integrated circuit breaker - Icu 25 kA
[Iscrr] short-circuit current rating	25 kA
[Iscrr] 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
Net 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 mm² rigid Tunnel type terminal (ground) 2.5...25 mm² rigid Tunnel type terminal (L/N) 2.5...25 mm² flexible Tunnel type terminal (ground) 2.5...25 mm² flexible Tunnel type terminal (L/N) 2.5...35 mm² flexible with ferrule Tunnel type terminal (ground) 2.5...25 mm² 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	IP40 on front face: conforming to IEC 60529 IP20 built-in: 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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	489 g
Package 1 Height	9 cm
Package 1 width	9 cm
Package 1 Length	10 cm
Unit Type of Package 2	S03
Number of Units in Package 2	27
Package 2 Weight	13.572 kg
Package 2 Height	30 cm
Package 2 width	30 cm
Package 2 Length	40 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant  EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 China RoHS Declaration
Environmental Disclosure	 Product Environmental Profile
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Halogen content performance	Halogen free plastic parts & cables product

Contractual warranty

Warranty	18 months
----------	-----------