



### 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 PRD8r
Device application	Distribution
Poles description	3P
Remote signalling	With
Signal contacts composition	1 SD (1 C/O)
Surge arrester type	Electrical distribution network
Earthing system	TN-C IT 230
[Uoc] open circuit voltage	10 kV type 3 common mode L/PE

### Complementary

Surge arrester class type	Type 2 + 3
Surge arrester technology	MOV
[Ue] rated operational voltage	230 V AC (+/- 10 %) at 50/60 Hz 400 V AC (+/- 10 %) at 50/60 Hz
[In] nominal discharge current	Common mode: 2 kA (L/PE) Differential mode: 2 kA (L/N)
[Imax] maximum discharge current	Common mode: 8 kA L/PE
[Uc] maximum continuous operating voltage	Common mode: 350 V L/PE
Maximum [Up] voltage protection level	Common mode <1.4 kV type 3 L/PE Common mode <1.2 kV type 2 L/PE
Disconnecter device type	Integrated circuit breaker - Icu 25 kA
[Iscrr] short-circuit current rating	25 kA
Signalling circuit voltage	2 A/250 V AC 50/60 Hz
Mounting mode	Clip-on

Mounting support	DIN rail
9 mm pitches	12.7
Height	94 mm
Width	113.6 mm
Depth	75.9 mm
Net weight	0.67 kg
Colour	White (RAL 9003)
Response time	<= 25 ns
Connections - terminals	Tunnel type terminal (downside) 2.5...25 mm <sup>2</sup> Tunnel type terminal (upside) 2.5...25 mm <sup>2</sup>
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...90 %
Operating altitude	2000 m
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...70 °C

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Under investigation
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	No need of specific recycling operations
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

## Contractual warranty

Warranty	18 months
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