



### Main

Range	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
Nominal discharge current	Common mode: 5 kA (L/PE) Common mode: 5 kA (N/PE) Differential mode: 5 kA (L/N)
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
Short-circuit withstand	25 KA
Short-circuit withstand	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
Residual current	1 MA
Connections - terminals	Tunnel type terminal (L/N) 2.5...25 mm <sup>2</sup> rigid Tunnel type terminal (ground) 2.5...25 mm <sup>2</sup> rigid Tunnel type terminal (L/N) 2.5...25 mm <sup>2</sup> flexible Tunnel type terminal (ground) 2.5...25 mm <sup>2</sup> flexible Tunnel type terminal (L/N) 2.5...35 mm <sup>2</sup> flexible with ferrule Tunnel type terminal (ground) 2.5...25 mm <sup>2</sup> 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
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
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

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Warranty	18 months
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Product Life Status : **Commercialised**