



Main

Range of product	Acti9
Product name	Acti9 iQuick PRD
Product or component type	Surge arrester with pluggable cartridge
Device short name	IQuick PRD40r
Device application	Distribution
Standards	EN 61643-11:2012 IEC 61643-11:2011
Product certifications	CE
Quality labels	KEMA-KEUR NF
Poles description	3P + 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	230/400 V AC (+/- 10 %) at 50/60 Hz
[In] nominal discharge current	Common mode: 20 kA (L/PE) Common mode: 20 kA (N/PE) Differential mode: 20 kA (L/N)
[Imax] maximum discharge current	Common mode: 40 kA L/PE Common mode: 40 kA N/PE Differential mode: 40 kA L/N
[Uc] maximum continuous operating voltage	Common mode: 264 V N/PE Common mode: 350 V L/PE Differential mode: 350 V L/N
Maximum [Up] voltage protection level	Common mode <1.5 kV type 2 L/PE Common mode <1.5 kV type 2 N/PE Differential mode <2.5 kV type 2 L/N
Disconnecter device type	Integrated circuit breaker - Icu 20 kA
Signalling circuit voltage	2 A/250 V AC 50/60 Hz
Mounting mode	Clip-on (DIN rail)
9 mm pitches	14.7
Height	94 mm
Width	131.5 mm
Depth	75.9 mm
Net weight	0.86 kg
Colour	White (RAL 9003)
Connections - terminals	Tunnel type terminal (upside) 2.5...35 mm ² Tunnel type terminal (downside) 2.5...25 mm ²
Tightening torque	2.5 N.m

Environment

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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9.5 cm
Package 1 Width	11.0 cm
Package 1 Length	15.5 cm
Package 1 Weight	896.0 g
Unit Type of Package 2	S03
Number of Units in Package 2	12
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	11.18 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
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
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