

Product datasheet

Specifications

Acti 9 surge arrester kit 40kA 3P+N



Local distributor code: 402718194 PRD3PN40R

Main

Range of product	Acti 9
Product or component type	Surge arrester kit
Device application	Distribution
Provided equipment	neutral bar enclosure cable miniature circuit breaker (MCB) iC60H 4P surge arrester iPRD40r 4P

Complementary

Poles description	3P + N
Surge arrester type	Electrical distribution network
Surge arrester class type	Type 2
Surge arrester technology	MOV + GDT
Earthing system	TT TN-S
[Ue] rated operational voltage	230/400 V AC (+/- 10 %) at 50 Hz
Nominal discharge current	Common mode: 15 kA (L/PE) Common mode: 15 kA (N/PE) Common mode: 15 kA (L/N)
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: 260 V L/PE Common mode: 350 V N/PE Differential mode: 350 V L/N Differential mode: 340 V L/N
Maximum [Up] voltage protection level	Differential mode <1.4 kV type 2 L/N Common mode <1.4 kV type 2 N/PE
[Ut] temporary overvoltage	337 V L/N 5 s withstand 1200 V N/PE 200 ms safe failure mode 442 V L/PE 5 s withstand 1453 V L/PE 200 ms safe failure mode
Disconnector device type	Associated circuit breaker iC60H 50 A curve C - Icu 15 kA
Enclosure type	Mini enclosure for modular device
Enclosure mounting	Surface
Type of front cover	Transparent
Type of rail	DIN

Locking options description	Optional keylock
Enclosure material	Self-extinguishing polymer
Height	Acti9 iC60: 85 mm Acti9 iPRD: 85 mm Kaedra enclosure: 267 mm
Width	Kaedra enclosure: 200 mm Acti9 iC60: 72 mm Acti9 iPRD: 72 mm
Depth	Acti9 iC60: 78.5 mm Acti9 iPRD: 69 mm Kaedra enclosure: 112 mm
Net weight	2.2 kg
Colour	Door: transparent green Enclosure: light grey (RAL 7035)
Connections - terminals	Tunnel terminal 4 cable(s) 2.5...35 mm ² rigid with cable end Tunnel terminal 2.5...35 mm ² flexible
Tightening torque	2 N.m

Environment

Product certifications	CE
IP degree of protection	IP65 (weatherproof enclosure) conforming to IEC 60529
IK degree of protection	IK03 surge arrester conforming to IEC 62262 IK03 miniature circuit-breaker conforming to IEC 62262 IK09 weatherproof enclosure conforming to EN 50102
Relative humidity	95 % at 55 °C
Ambient air temperature for operation	-25...70 °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	2.179 kg
Package 1 Height	21 cm
Package 1 width	21.5 cm
Package 1 Length	26.5 cm
Unit Type of Package 2	PAM
Number of Units in Package 2	64
Package 2 Weight	152.08 kg
Package 2 Height	112 cm
Package 2 width	100 cm
Package 2 Length	120 cm

Offer Sustainability

EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information

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
