

Product datasheet

Specifications



Acti 9 surge arrester kit 40kA withdrawable 3P+N

Local distributor code: 402718165 PRD3PN40

EAN Code : 5018934942902

Main

Range of product	Acti9
Product or component type	Surge arrester kit
Device application	Distribution
Provided equipment	neutral bar enclosure cable surge arrester iPRD40 4P miniature circuit breaker (MCB) iC60H 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	TN-S TT
[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) Differential 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
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
Disconnecter device type	Associated circuit breaker iC60H 40 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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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
Colour	Door: transparent green Enclosure: light grey (RAL 7035)
Connections - terminals	Tunnel terminal4 cable(s) 2.5...35 mm ² rigid with cable end Tunnel terminal2.5...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 Height	21.0 cm
Package 1 Width	23.0 cm
Package 1 Length	26.5 cm
Package 1 Weight	2.168 kg
Unit Type of Package 2	PAM
Number of Units in Package 2	76
Package 2 Height	112.0 cm
Package 2 Width	100.0 cm
Package 2 Length	120.0 cm
Package 2 Weight	179.768 kg

Offer Sustainability

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

Recommended replacement(s)