

Product datasheet

Characteristics

16973

residual current circuit breaker ID si - 2 poles - 125 A - class A 300 mA



Main

Range	Acti 9
Product name	Acti 9 RCCB-ID
Product or component type	Residual current circuit breaker (RCCB)
Device short name	RCCB-ID
Poles description	2P
Neutral position	Left
[In] rated current	125 A
Network type	AC
Earth-leakage sensitivity	300 mA
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type A-SI
Rated breaking and making capacity	Im = 1250 A 230 V conforming to IEC 61008
Rated conditional short-circuit current	I _{nc} 10 kA 125 A

Complementary

Device location in system	Outgoer
Network frequency	50/60 Hz
[U _e] rated operational voltage	230 V AC 50 Hz conforming to IEC 61008
Residual current tripping technology	Electromechanical
[U _i] rated insulation voltage	440 V AC 50 Hz conforming to IEC 61008-1
[U _{imp}] rated impulse withstand voltage	4 kV conforming to IEC 61008-1
Control type	Toggle
Mounting mode	Fixed
Mounting support	35 mm symmetrical DIN rail
9 mm pitches	4
Height	86 mm
Width	36 mm
Depth	76 mm
Net weight	230 g
Colour	Grey
Mechanical durability	5000 cycles

Electrical durability	2000 cycles
Provision for padlocking	Padlockable
Connections - terminals	Tunnel type terminals2 cable(s) 1.5...16 mm ² flexible Tunnel type terminals2 cable(s) 1.5...16 mm ² rigid Tunnel type terminals1 cable(s) 1.5...50 mm ² rigid Tunnel type terminals1 cable(s) 1.5...35 mm ² flexible Tunnel type terminals1 cable(s) 1.5...35 mm ² flexible with ferrule Tunnel type terminals2 cable(s) 1.5...16 mm ² flexible with ferrule
Wire stripping length	11 mm
Tightening torque	3 N.m

Environment

Standards	IEC 60947-3 IEC 61008 IEC 60947-1
IP degree of protection	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
Pollution degree	3
Tropicalisation	2 conforming to IEC 61008
Relative humidity	95 % at 55 °C
Operating altitude	2000 m
Ambient air temperature for operation	-25...40 °C
Ambient air temperature for storage	-40...85 °C

Offer Sustainability

RECh Regulation	REACH Declaration
RECh free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
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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