

Product data sheet

Characteristics

16766

residual current circuit breaker ID - 4 poles - 125 A - class B 500 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	4P
Neutral position	Left
[In] rated current	125 A
Network type	AC
Earth-leakage sensitivity	500 mA
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type B
Rated breaking and making capacity	Im = 1250 A conforming to IEC 61008
Rated conditional short-circuit current	Inc 10 kA 125 A

Complementary

Device location in system	Outgoer
Network frequency	50/60 Hz
[Ue] rated operational voltage	230/400 V
[Ui] rated insulation voltage	440 V AC 50 Hz conforming to IEC 61008-1
[Uimp] rated impulse withstand voltage	4 kV conforming to IEC 61008-1
9 mm pitches	8
Height	86 mm
Width	72 mm
Depth	76 mm
Net weight	450 g
Colour	Grey
Mechanical durability	5000 cycles
Electrical durability	2000 cycles
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 61008 EN 61008 VDE 0664
IP degree of protection	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
Pollution degree	3
Tropicalisation	2
Relative humidity	95 % at 55 °C

Ambient air temperature for operation	-25...40 °C
Ambient air temperature for storage	-40...85 °C

Packing Units

Package 1 Weight	0.470 kg
Package 1 Height	0.750 dm
Package 1 width	0.750 dm
Package 1 Length	0.900 dm

Offer Sustainability

REACH Regulation	REACH Declaration
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
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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