



Main

Range of product	ID RCCB
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	80 A
Network type	AC
Earth-leakage sensitivity	300 mA
Earth-leakage protection time delay	Selective
Earth-leakage protection class	Type B
Rated breaking and making capacity	Im 800 A conforming to IEC 61008
Rated conditional short-circuit current	I _{nc} 10 kA 80 A

Complementary

Device location in system	Outgoer
Network frequency	50/60 Hz
[U _e] rated operational voltage	230/400 V
[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
Connection pitch	18 mm : Between phases
9 mm pitches	8
Height	86 mm
Width	72 mm
Depth	76 mm
Product weight	450 g
Colour	Grey
Mechanical durability	5000 cycles
Electrical durability	2000 cycles
Connections - terminals	Tunnel type terminals 1 cable(s) 1.5...50 mm ² rigid Tunnel type terminals 1 cable(s) 1.5...35 mm ² flexible

Tunnel type terminals 1 cable(s) 1.5...35 mm² flexible with ferrule
Tunnel type terminals 2 cable(s) 1.5...16 mm² flexible with ferrule
Tunnel type terminals 2 cable(s) 1.5...16 mm² flexible
Tunnel type terminals 2 cable(s) 1.5...16 mm² rigid

Wire stripping length	11 mm
Tightening torque	3 N.m
Compatibility code	ID_RCCB
Market segment	Small commercial

Environment

Standards	IEC 61008 VDE 0664 EN 61008
IP degree of protection	IP40 in modular enclosure conforming to IEC 60529 IP20 conforming to IEC 60529
Tropicalisation	2
Relative humidity	95 % (55 °C)
Ambient air temperature for operation	-25...40 °C
Ambient air temperature for storage	-40...85 °C

Contractual warranty

Warranty period	18 months
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