



Main

Range	Acti 9
Product name	Acti 9 IDc
Product or component type	Residual current circuit breaker (RCCB)
Device short name	IDc
Poles description	2P
Neutral position	Left
[In] rated current	40 A
Network type	AC
Earth-leakage sensitivity	30 mA
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type AC
Rated breaking and making capacity	I _{dm} = 1000 A
Rated conditional short-circuit current	I _{nc} 6 kA

Complementary

Device location in system	Group incomer
Network frequency	50/60 Hz
[U _e] rated operational voltage	230 V AC 50/60 Hz conforming to IEC 60947-3 230 V AC 50/60 Hz conforming to IEC 61008-1 230 V AC 50/60 Hz conforming to IEC 61008-2-1
Residual current tripping technology	Electromechanical
[U _i] rated insulation voltage	440 V AC 50/60 Hz
[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
Comb busbar and distribution block compatibility	Upside: Clario

9 mm pitches	4
Height	85 mm
Width	36 mm
Depth	76 mm
Embedding depth	76 mm
Net weight	205 g
Colour	White
Connections - terminals	Tunnel type terminals1...10 mm ² flexible Tunnel type terminals1...16 mm ² rigid Tunnel type terminals1...10 mm ² flexible with ferrule
Wire stripping length	13 mm
Tightening torque	2 N.m

Environment

Standards	IEC 60947-3 IEC 61008-1 IEC 61008-2-1
IP degree of protection	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
Tropicalisation	2 conforming to IEC 60947-3 2 conforming to IEC 61008-1 2 conforming to IEC 61008-2-1
Relative humidity	95 % at 55 °C
Operating altitude	2000 m
Ambient air temperature for operation	-5...70 °C
Ambient air temperature for storage	-40...70 °C

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Under investigation
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
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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