



### 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
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	Idm = 1000 A
Rated conditional short-circuit current	I <sub>nc</sub> 6 kA

### Complementary

Device location in system	Group incomer
Network frequency	50/60 Hz
[U <sub>e</sub> ] 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 <sub>i</sub> ] rated insulation voltage	440 V AC 50/60 Hz
[U <sub>imp</sub> ] rated impulse withstand voltage	4 kV conforming to IEC 61008-1
Surge current	250 A
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 terminals 1... 10 mm <sup>2</sup> flexible Tunnel type terminals 1... 16 mm <sup>2</sup> rigid Tunnel type terminals 1... 10 mm <sup>2</sup> flexible with ferrule
Wire stripping length	13 mm
Tightening torque	2 N.m

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## Environment

Standards	IEC 61008-2-1 IEC 60947-3 IEC 61008-1
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
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins