



Main

Range	Acti9
Product name	Acti9 iID
Product or component type	Residual current circuit breaker (RCCB)
Device short name	IID
Device application	Electrical Vehicle charger
Poles description	4P
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 B-EV
Quality labels	VDE NF IMQ KEMA

Complementary







Device location in system	Outgoer Group incomer
Network frequency	50 Hz
[Ue] rated operational voltage	400 V AC 50 Hz
Rated breaking and making capacity	I _{dm} 1500 A I _m 1500 A
Rated conditional short-circuit current	10 kA
[Uimp] rated impulse withstand voltage	6 kV
Contact position indicator	Yes
Control type	Toggle
Local signalling	ON/OFF indication Presence of voltage: LED (green) Trip indicator
Mounting mode	Clip-on
Mounting support	DIN rail

9 mm pitches	8
Height	88 mm
Width	72 mm
Depth	79 mm
Net weight	415 g
Colour	White
Mechanical durability	20000 cycles
Electrical durability	15000 cycles
Locking options description	Padlocking device
Connections - terminals	Double terminal front1...35 mm ² rigid Double terminal front1...25 mm ² flexible Double terminal front1...25 mm ² flexible with ferrule Double terminal back1...25 mm ² rigid Double terminal back1...16 mm ² flexible Double terminal back1...16 mm ² flexible with ferrule
Wire stripping length	14 mm for top or bottom connection
Tightening torque	3.5 N.m top or bottom

Environment

Standards	IEC 61008-2-1 IEC/EN 62423 EN 61008-2-1
Product certifications	CCC KC
IP degree of protection	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
IK degree of protection	IK05
Pollution degree	3
Overvoltage category	IV
Electromagnetic compatibility	8/20 µs impulse withstand, 3 kA conforming to EN/IEC 61008-1
Operating altitude	0...2000 m
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...85 °C

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 Download RoHS China Declaration
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	 End of Life Information
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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