

Product data sheet

Specifications



Residual current circuit breaker (RCCB), Acti9 iID40, 3P+N, 40A, A type, 30mA

A9R43740

Main

Range	Acti9
Product name	Acti9 iID40
Product or component type	Residual current circuit breaker (RCCB)
Device short name	iID40
Poles description	3P + N
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 A
Suitability for isolation	Yes conforming to EN/IEC 60947-2
Quality labels	VDE

Complementary

Device location in system	Group incomer
Network frequency	50/60 Hz
[Ue] rated operational voltage	380...415 V AC 50/60 Hz
Residual current tripping technology	Voltage independent
Rated breaking and making capacity	Idm 1500 A
Rated conditional short-circuit current	10000 A
[Ui] rated insulation voltage	500 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	6 kV
Contact position indicator	Yes
Control type	Toggle
Mounting mode	Clip-on

Mounting support	DIN rail
9 mm pitches	8
Height	91 mm
Width	72 mm
Depth	74 mm
Product weight	330 g
Colour	White
Mechanical durability	20000 cycles
Electrical durability	15000 cycles
Locking options description	Padlocking device
Connections - terminals	Tunnel type terminals bottom 1...35 mm² rigid Tunnel type terminals bottom 1...25 mm² flexible Tunnel type terminals top 1...16 mm² rigid Tunnel type terminals top 1...10 mm² flexible
Wire stripping length	14 mm for top or bottom connection
Tightening torque	3.5 N.m bottom 2 N.m top

Environment

Standards	EN/IEC 61008-2-1
Product certifications	CE
IP degree of protection	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
Pollution degree	3
Electromagnetic compatibility	8/20 µs impulse withstand, 250 A conforming to EN/IEC 61008-2-1
Relative humidity	95 % at 55 °C
Operating altitude	2000 m
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...85 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.5 cm
Package 1 Width	8.3 cm
Package 1 Length	10.0 cm
Package 1 Weight	348.0 g
Unit Type of Package 2	S03
Number of Units in Package 2	27
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	9.833 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
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
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Halogen content performance	Halogen free plastic parts product

Recommended replacement(s)