Product data sheet

Specifications

Residual current circuit breaker (RCCB), Acti9 iID, 2P, 40A, A type, 100mA

A9R22240

Main

Range	Acti9
Product name	Acti9 iID
Product or component type	Residual current circuit breaker (RCCB)
Device short name	iID
Poles description	2P
Neutral position	Left
[In] rated current	40 A
Network type	AC
Earth-leakage sensitivity	100 mA
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type A
Quality labels	RCM VDE

Complementary

Device location in system	Outgoer
Network frequency	50/60 Hz
[Ue] rated operational voltage	230/240 V AC 50/60 Hz
Residual current tripping technology	Voltage independent
Rated breaking and making capacity	Idm 1500 A Im 1500 A
Rated conditional short-circuit current	10 kA
[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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

9 mm pitches	4
Height	96 mm
Width	36 mm
Depth	69 mm
Embedding depth	44 mm
Net weight	0.21 kg
Colour	White
Mechanical durability	20000 cycles
Electrical durability	AC-1: 15000 cycles
Locking options description	Padlocking device
Connections - terminals	Single terminal top or bottom 1…35 mm² rigid Single terminal top or bottom 1…25 mm² flexible Single terminal top or bottom 1…25 mm² 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 AS/NZS 61008.1
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 61008-1
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	4.1 cm
Package 1 Width	8.5 cm
Package 1 Length	10 cm
Package 1 Weight	220 g
Unit Type of Package 2	S03
Number of Units in Package 2	54
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	12.321 kg

Contractual warranty

Warranty	18 months

Recommended replacement(s)