

Product data sheet

Characteristics

4RCBE216/30S40

Residual current breaker with overcurrent protection (RCBO), MAX4, 1P + N, 16 A, C curve, 6000 A, 240 V, 30 mA, A type



Main

Range	MAX4
Product or component type	Residual current breaker with overcurrent protection (RCBO)
Product brand	Clipsal
Device application	Distribution
Poles description	1P + N
Neutral position	Left
Number of protected poles	1
[In] rated current	16 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Earth-leakage sensitivity	30 mA
Earth-leakage protection class	Type A
Breaking capacity	6000 A I _{cn} at 240 V AC 50 Hz conforming to EN/IEC 61009-1
Quality labels	RCM

Complementary

Device location in system	Outgoer
Network frequency	50 Hz
[U _e] rated operational voltage	240 V AC 50 Hz
Magnetic tripping limit	5...10 x I _n
Limitation class	3 conforming to EN/IEC 61009-1
[U _i] rated insulation voltage	400 V
[U _{imp}] rated impulse withstand voltage	4 kV
Contact position indicator	Yes
Control type	Toggle
Local signalling	ON/OFF indication
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	2
Height	97 mm
Width	18 mm
Depth	72 mm
Net weight	136 g
Colour	White
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Locking options description	Sealable Padlocking device

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Connections - terminals	Tunnel type terminal - 1...16 mm ² - flexible Tunnel type terminal - 1 x 10 mm ² - flexible with ferrule
Wire stripping length	13 Mm for top connection 11 mm for bottom connection
Tightening torque	2 N.m top or bottom
Earth-leakage protection	Integrated

Environment

Standards	AS/NZS 61009.1 IEC 61009-1
IP degree of protection	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
Pollution degree	3
Overvoltage category	III conforming to IEC 60364
Electromagnetic compatibility	8/20 µs impulse withstand, 250 A conforming to EN/IEC 61009-2-1
Tropicalisation	2 conforming to IEC 60068-1
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-25...70 °C

Packing Units

Package 1 Weight	0.136 kg
Package 1 Height	0.965 dm
Package 1 width	0.180 dm
Package 1 Length	0.715 dm

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
Environmental Disclosure	Product Environmental Profile