

Product data sheet

Characteristics

4RCBE206/30S40

Residual current breaker with overcurrent protection (RCBO), MAX4, 1P + N, 6 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	6 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 Icn 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
[Ue] rated operational voltage	240 V AC 50 Hz
Magnetic tripping limit	5...10 x In
Limitation class	3 conforming to EN/IEC 61009-1
[Ui] rated insulation voltage	400 V
[Uimp] 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
Connections - terminals	Tunnel type terminal - 1...16 mm ² - flexible Tunnel type terminal - 1 x 10 mm ² - flexible with ferrule

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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 μ s 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

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	0.156 kg
Package 1 Height	9.65 cm
Package 1 Width	1.8 cm
Package 1 Length	7.15 cm
Unit Type of Package 2	S03
Number of Units in Package 2	72
Package 2 Weight	10.15 kg
Package 2 Height	300.0 mm
Package 2 Width	300.0 mm
Package 2 Length	400.0 mm
Unit Type of Package 3	P06
Number of Units in Package 3	864
Package 3 Weight	121.82 kg
Package 3 Height	1500.0 mm
Package 3 Width	600.0 mm
Package 3 Length	800.0 mm

Offer Sustainability

EU RoHS Directive	Under investigation
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