

Product data sheet

Characteristics

4CB3100/10

Miniature circuit breaker, MAX4, 3P, 100 A, C curve, 10000 A, 415 V



Main

Product brand	Clipsal
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Complementary

Curve code	C
Number of poles	3
[In] rated current	100 A
Number of modules	4.5
[Ue] rated operational voltage	415 V
Breaking capacity	10 kA conforming to IEC 60947-2
Network type	AC
Network frequency	50/60 Hz
[Uimp] rated impulse withstand voltage	6 kV
[Ui] rated insulation voltage	500 V
Mechanical durability	20000 cycles
Electrical durability	5000 cycles
Connections - terminals	Screw terminal for 1 cable(s) 1...50 mm ² rigid Screw terminal for 1 cable(s) 1.5...35 mm ² flexible Screw terminal for 1 cable(s) 1.5...35 mm ² flexible with ferrule
Wire stripping length	15 mm
Tightening torque	3.5 N.m

Environment

IP degree of protection	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...70 °C
Standards	AS/NZS 60898
Pollution degree	3
Tropicalisation	2 conforming to IEC 60068-1
Relative humidity	95 % at 55 °C
Height	91 mm
Width	81 mm
Depth	78.5 mm
Net weight	615 g

Packing Units

Package 1 Weight	581.000 g
Package 1 Height	75.000 mm
Package 1 width	82.000 mm
Package 1 Length	85.000 mm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile