



Main

Range of product	Acti 9
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Product or component type	Miniature circuit-breaker
Device short name	C120L
Poles description	1P
Device application	Distribution
Number of protected poles	1.0
[In] rated current	100 A at 30 °C
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	D
Breaking capacity	20 KA Icu at 130 V AC 50/60 Hz 10 KA Icu at 230...240 V AC 50/60 Hz 6 kA Icu at 400...415 V AC 50/60 Hz
Suitability for isolation	Yes

Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	230 V
Magnetic tripping limit	10...14 x In
[Ui] rated insulation voltage	500 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	6 kV
Contact position indicator	Yes
Control type	Toggle
Local signalling	ON/OFF indication
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	3.0
Height	81 mm
Depth	73 mm
Net weight	205 g
Mechanical durability	20000 cycles
Electrical durability	5000 cycles
Connections - terminals	Tunnel type terminals top or bottom 1...50 mm ² rigid without cable end Tunnel type terminals top or bottom 1.5...35 mm ² flexible with or without cable end
Wire stripping length	Power circuit: 14 mm
Tightening torque	Power circuit: 3.5 N.m

Environment

Standards	GB/T 10963.1 EN/IEC 60898-1
Product certifications	CE CCC
Ambient air temperature for operation	-30...70 °C
Ambient air temperature for storage	-40...80 °C

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Packing Units

Package 1 Weight	0.235 kg
Package 1 Height	0.800 dm
Package 1 width	0.400 dm
Package 1 Length	0.980 dm

Offer Sustainability

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