



Main

Circuit breaker application	Distribution
Range of product	C120
Device short name	C120N
Poles description	1P + N
Number of protected poles	1
Neutral position	Left
[In] rated current	125 A 30 °C
Network type	AC
Network frequency	50/60 Hz
Trip unit technology	Thermal-magnetic
Curve code	D
Breaking capacity	Icu 20 kA at 130 V AC 50/60 Hz conforming to IEC 60947-2 Icu 10 kA at 230...240 V AC 50/60 Hz conforming to IEC 60947-2 Icu 6 kA at 400...415 V AC 50/60 Hz conforming to IEC 60947-2
Limitation class	3 conforming to IEC 60947-2
Suitability for isolation	Yes conforming to IEC 60947-2
9 mm pitches	6

Complementary

[Ue] rated operational voltage	440 V AC 50/60 Hz
Magnetic tripping limit	10...14 x In
Rated service breaking capacity	Ics 4.5 kA 400...415 V AC 50/60 Hz conforming to IEC 60947-2 Ics 7.5 kA 230...240 V AC 50/60 Hz conforming to IEC 60947-2 Ics 15 kA 130 V AC 50/60 Hz conforming to IEC 60947-2
[Ui] rated insulation voltage	500 V AC 50/60 Hz conforming to IEC 60947-2
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 60947-2
Local signalling	Positive break indication
Mounting mode	Fixed
Mounting support	35 mm symmetrical DIN rail
Comb busbar distribution block compatibility	YES
Height	81 mm
Width	54 mm
Depth	73 mm
Product weight	0.41 kg
Mechanical durability	20000 cycles
Electrical durability	5000 cycles conforming to IEC 60947-2
Connections - terminals	Tunnel type terminals 1.5...35 mm ² flexible Tunnel type terminals 1...50 mm ² rigid
Wire stripping length	15 mm
Tightening torque	3.5 N.m

Environment

IP degree of protection	IP2 conforming to IEC 60947-2
Pollution degree	3 conforming to IEC 60947-2
Operating altitude	2000 m

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Ambient air temperature for operation	-30...60 °C
Ambient air temperature for storage	-40...70 °C
RoHS EUR conformity date	0702
RoHS EUR status	Compliant