



## Main

Range of product	Acti 9
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Product name	C120
Product or component type	Miniature circuit-breaker
Device short name	C120H
Poles description	2P
Device application	Distribution
Number of protected poles	2
[In] rated current	125 A (Tref=30 °C)
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	Icu=6 kA (440 V AC, 50/60 Hz, conforming to IEC 60947-2) Icu=20 kA (230...240 V AC, 50/60 Hz, conforming to IEC 60947-2) Icu=10 kA (400...415 V AC, 50/60 Hz, conforming to IEC 60947-2) Icn=10000 A (400 V AC, 50/60 Hz, conforming to IEC 60898-1)
Suitability for isolation	Yes (conforming to IEC 60947-2)

## Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	400 V, AC 50/60 Hz
Magnetic tripping limit	5...10 x In
[Ics] rated service breaking capacity	Ics=4.5 kA, (Ics=75 %Icn/Icu, conforming to IEC 60947-2), 440 V AC, 50/60 Hz Ics=15 kA, (Ics=75 %Icn/Icu, conforming to IEC 60947-2), 230...240 V AC, 50/60 Hz Ics=7.5 kA, (Ics=75 %Icn/Icu, conforming to IEC 60947-2), 400...415 V AC, 50/60 Hz
Limitation class	3 conforming to IEC 60898-1
[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)
Contact position indicator	Yes

Control type	Toggle
Local signalling	ON/OFF indication
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	6
Height	86 mm
Depth	73 mm
Product weight	410 g
Mechanical durability	20000 cycles
Electrical durability	5000 cycles
Connections - terminals	Rigid, without cable end : 1...50 mm². (tunnel type terminals, top or bottom) Flexible, with or without cable end : 1.5...35 mm². (tunnel type terminals, top or bottom)
Wire stripping length	14 mm power circuit
Tightening torque	3.5 N.m power circuit
Earth-leakage protection	Separate block

## Environment

Standards	IEC 60898-1 GB 10963.1
Product certifications	CCC CE
IP degree of protection	IP20 (conforming to IEC 60529)
Pollution degree	3 (conforming to IEC 60947-2)
Ambient air temperature for operation	-30...70 °C
Ambient air temperature for storage	-40...80 °C

## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0627 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold <a href="#">Reference not containing SVHC above the threshold</a>
Product environmental profile	Available
Product end of life instructions	Available