



### Main

Range of product	C120
Range	Acti 9
Product name	C120
Product or component type	Miniature circuit-breaker
Device short name	C120H
Device application	Distribution
Poles description	4P
Number of protected poles	4
[In] rated current	100 A at 30 °C
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	10 kA Icu conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz 15 kA Icu conforming to EN/IEC 60947-2 - 380...415 V AC 50/60 Hz 30 kA Icu conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz 15 kA Icu conforming to EN/IEC 60947-2 - <= 500 V DC 15000 A Icn conforming to EN/IEC 60898-1 - 230...400 V AC 50/60 Hz
Suitability for isolation	Yes conforming to IEC 60947-2

### Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	<= 500 V DC 220...240 V AC 50/60 Hz 380...415 V AC 50/60 Hz 440 V AC 50/60 Hz 230...400 V AC 50/60 Hz
Magnetic tripping limit	5...10 x In
[Ics] rated service breaking capacity	5 kA at 50 % of breaking cap. conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz 15 kA at 50 % of breaking cap. conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz 7.5 kA at 50 % of breaking cap. conforming to EN/IEC 60947-2 - 380...415 V AC 50/60 Hz 15 kA at 100 % of breaking cap. conforming to EN/IEC 60947-2 - <= 500 V DC 7500 A at 50 % of breaking cap. conforming to EN/IEC 60898-1 - 230...400 V AC 50/60 Hz

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Limitation class	3 conforming to EN/IEC 60947-2
[Ui] rated insulation voltage	500 V AC 50/60 Hz conforming to EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	6 kV conforming to EN/IEC 60947-2
Contact position indicator	Yes
Control type	Toggle
Local signalling	ON/OFF indication
Mounting mode	Clip-on
Mounting support	35 mm symmetrical DIN rail
Comb busbar distribution block compatibility	NO
9 mm pitches	12
Height	81 mm
Width	108 mm
Depth	73 mm
Product weight	0.82 kg
Colour	White
Mechanical durability	20000 cycles
Electrical durability	5000 cycles conforming to IEC 60947-2
Wire stripping length	15 mm
Tightening torque	3.5 N.m
Earth-leakage protection	Separate block

## Environment

Standards	EN/IEC 60947-2 EN/IEC 60898-1
Product certifications	EAC
IP degree of protection	IP20 conforming to IEC 60529
Pollution degree	3 conforming to IEC 60947-2
Overvoltage category	IV
Tropicalisation	2 conforming to IEC 60068-1
Relative humidity	95 % 55 °C
Operating altitude	2000 m
Ambient air temperature for operation	-30...60 °C
Ambient air temperature for storage	-40...70 °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	Need no specific recycling operations

## Contractual warranty

Warranty period	18 months
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