



### 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	1P
Number of protected poles	1
[In] rated current	80 A
Network type	AC DC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	15 kA Icu conforming to EN/IEC 60947-2 - 230...400 V AC 50/60 Hz 20 kA Icu conforming to EN/IEC 60947-2 - 12 V DC 20 kA Icu conforming to EN/IEC 60947-2 - 125 V DC 15 kA Icu conforming to EN/IEC 60947-2 - <= 144 V DC

### Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	<= 144 V DC 12 V DC 125 V DC 230...400 V AC 50/60 Hz
Magnetic tripping limit	8 x In +/- 20 %
[Ics] rated service breaking capacity	7.5 kA at 50 % of breaking cap. conforming to EN/IEC 60947-2 - 230...400 V AC 50/60 Hz 15 kA at 100 % of breaking cap. conforming to EN/IEC 60947-2 - 125 V DC 20 kA at 100 % of breaking cap. conforming to EN/IEC 60947-2 - 12 V DC 15 kA at 100 % of breaking cap. conforming to EN/IEC 60947-2 - <= 144 V DC
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
Control type	Toggle
Local signalling	ON/OFF indication

Mounting mode	Clip-on
Mounting support	35 mm symmetrical DIN rail
9 mm pitches	3
Height	81 mm
Width	27 mm
Depth	73 mm
Product weight	0.205 kg
Colour	White
Mechanical durability	20000 cycles
Electrical durability	5000 cycles
Connections - terminals	Tunnel type terminals 1.5...35 mm <sup>2</sup> flexible Tunnel type terminals 1...50 mm <sup>2</sup> rigid
Wire stripping length	15 mm
Tightening torque	3.5 N.m
Earth-leakage protection	Without

### Environment

Standards	EN/IEC 60947-2
IP degree of protection	IP20 conforming to IEC 60529
Pollution degree	3 conforming to IEC 60947-2
Overvoltage category	III
Tropicalisation	2 conforming to IEC 60068-1
Relative humidity	95 % 55 °C
Ambient air temperature for operation	-30...70 °C
Ambient air temperature for storage	-40...80 °C

### Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 1212 - 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>

### Contractual warranty

Warranty period	18 months
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