



Main

Range of product	C120
Range	Acti 9
Product name	C120
Product or component type	Miniature circuit-breaker
Device short name	C120a
Device application	Distribution
Poles description	2P
Number of protected poles	2
[In] rated current	80 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	5 kA Icu conforming to EN/IEC 60947-2 - 230...400 V AC 50/60 Hz
Suitability for isolation	Yes conforming to EN/IEC 60947-2

Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	230...400 V AC 50/60 Hz
Magnetic tripping limit	8 x In +/- 20 %
[Ics] rated service breaking capacity	5 kA at 100 % of breaking cap. conforming to EN/IEC 60947-2 - 230...400 V AC 50/60 Hz
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
9 mm pitches	6
Height	81 mm
Width	54 mm

Depth	73 mm
Product weight	0.41 kg
Colour	White
Mechanical durability	20000 cycles
Electrical durability	5000 cycles
Provision for padlocking	Yes
Connections - terminals	Tunnel type terminals 1...50 mm ² rigid 1 Tunnel type terminals 1.5...35 mm ² flexible 1
Wire stripping length	15 mm top or bottom power circuit
Tightening torque	3.5 N.m top or bottom power circuit
Earth-leakage protection	Separate block

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 Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold

Contractual warranty

Warranty period	18 months
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