

Product datasheet

Specifications



Miniature circuit breaker (MCB), Acti9 C120H, 3P, 80A, C curve, 15kA (IEC/EN 60947-2)

A9N60785

Main

Range Of Product	C120
Range	Acti9
Product Name	C120
Product Or Component Type	Miniature circuit-breaker
Device Short Name	C120H
Device Application	Distribution
Poles Description	3P
Number Of Protected Poles	3
[In] Rated Current	80 A at 40 °C
Network Type	AC
Trip Unit Technology	Thermal-magnetic
Curve Code	C
Breaking Capacity	15 kA Icu at <= 375 V DC conforming to EN/IEC 60947-2 15 kA Icu at 230...400 V AC 50/60 Hz conforming to EN/IEC 60947-2

Complementary

Network Frequency	50/60 Hz
[Ue] Rated Operational Voltage	<= 375 V DC 230...400 V AC 50/60 Hz
Magnetic Tripping Limit	8 x In +/- 20 %
[Ics] Rated Service Breaking Capacity	15 kA 100 % conforming to EN/IEC 60947-2 - <= 375 V DC 7.5 kA 50 % 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
Control Type	Toggle
Local Signalling	ON/OFF indication
Mounting Mode	Clip-on
Mounting Support	35 mm symmetrical DIN rail
9 Mm Pitches	9
Height	81 mm
Depth	73 mm

Width	81 mm
Net Weight	0.615 kg
Colour	White
Mechanical Durability	20000 cycles
Electrical Durability	5000 cycles
Connections - Terminals	Tunnel type terminals1...50 mm ² rigid Tunnel type terminals1.5...35 mm ² flexible
Wire Stripping Length	15 mm
Tightening Torque	3.5 N.m
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 % at 55 °C
Ambient Air Temperature For Operation	-30...70 °C
Ambient Air Temperature For Storage	-40...80 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	7.5 cm
Package 1 Width	8.1 cm
Package 1 Length	8.6 cm
Package 1 Weight	615 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	4
Package 2 Height	9.5 cm
Package 2 Width	8.5 cm
Package 2 Length	33 cm
Package 2 Weight	2.591 kg
Unit Type Of Package 3	S03
Number Of Units In Package 3	24
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	16.033 kg

Contractual warranty

Warranty

18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

Well-being performance

Reach Free Of Svhc

Toxic Heavy Metal Free

Mercury Free

Rohs Exemption Information Yes

Certifications & Standards

Reach Regulation

[REACH Declaration](#)

Eu Rohs Directive

Compliant

[EU RoHS Declaration](#)

China Rohs Regulation

[China RoHS declaration](#)

Pro-active China RoHS declaration (out of China RoHS legal scope)

Environmental Disclosure

[Product Environmental Profile](#)

Circularity Profile

No need of specific recycling operations