

# Product datasheet

Specifications



Acti9, Miniature circuit breaker (MCB), Acti9 C120H, 3P, 63A, C curve, 15000A (IEC/EN 60898-1), 15kA (IEC/EN 60947-2)

A9N18467

## 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	63 A at 30 °C
Network Type	AC
Trip Unit Technology	Thermal-magnetic
Curve Code	C
Breaking Capacity	15000 A Icn at 230...400 V AC 50/60 Hz conforming to EN/IEC 60898-1 10 kA Icu at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2 15 kA Icu at 380...415 V AC 50/60 Hz conforming to EN/IEC 60947-2 30 kA Icu at 220...240 V AC 50/60 Hz conforming to EN/IEC 60947-2 15 kA Icu at <= 375 V DC conforming to EN/IEC 60947-2
Suitability For Isolation	Yes conforming to IEC 60947-2

## Complementary

Network Frequency	50/60 Hz
[Ue] Rated Operational Voltage	<= 375 V DC 380...415 V AC 50/60 Hz 220...240 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	7500 A 50 % conforming to EN/IEC 60898-1 - 230...400 V AC 50/60 Hz 5 kA 50 % conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz 15 kA 50 % conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz 7.5 kA 50 % conforming to EN/IEC 60947-2 - 380...415 V AC 50/60 Hz 15 kA 100 % conforming to EN/IEC 60947-2 - <= 375 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
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 And Distribution Block Compatibility	YES
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	10000 cycles conforming to IEC 60947-2
Locking Options Description	Handle sealable with cable diameter 0.7mm in OFF or ON position
Connections - Terminals	Tunnel type terminals1...50 mm <sup>2</sup> rigid Tunnel type terminals1.5...35 mm <sup>2</sup> flexible
Wire Stripping Length	15 mm
Tightening Torque	3.5 N.m
Earth-Leakage Protection	Separate block

## Environment

Standards	EN/IEC 60898-1 EN/IEC 60947-2
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 % at 55 °C
Operating Altitude	2000 m
Ambient Air Temperature For Operation	-30...60 °C
Ambient Air Temperature For Storage	-40...70 °C

## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	7.500 cm
Package 1 Width	8.200 cm
Package 1 Length	8.700 cm
Package 1 Weight	564.900 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	4
Package 2 Height	8.500 cm

Package 2 Width	9.500 cm
Package 2 Length	33.000 cm
Package 2 Weight	2.326 kg
Unit Type Of Package 3	S03
Number Of Units In Package 3	24
Package 3 Height	30.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	14.443 kg

## Contractual warranty

Warranty	18 months
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## 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-CO<sub>2</sub> products.

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

[Learn more about Green Premium >](#)

[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](#)

**Weee**

The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

**Circularity Profile**

No need of specific recycling operations