

# Product datasheet

Specifications



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

A9N18500

! Discontinued on: 25 Nov 2020

! Discontinued

## 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	2P
Number Of Protected Poles	2
Neutral Position	Left
[In] Rated Current	63 A at 30 °C
Network Type	AC
Trip Unit Technology	Thermal-magnetic
Curve Code	D
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 <= 250 V DC 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
Suitability For Isolation	Yes conforming to IEC 60947-2

## Complementary

Network Frequency	50/60 Hz
[Ue] Rated Operational Voltage	380...415 V AC 50/60 Hz 220...240 V AC 50/60 Hz 440 V AC 50/60 Hz <= 250 V DC 230...400 V AC 50/60 Hz
Magnetic Tripping Limit	10...14 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 - <= 250 V DC
Limitation Class	3 conforming to EN/IEC 60947-2
[Uij] Rated Insulation Voltage	500 V AC 50/60 Hz conforming to EN/IEC 60947-2

<b>[Uimp] Rated Impulse Withstand Voltage</b>	6 kV conforming to EN/IEC 60947-2
<b>Contact Position Indicator</b>	Yes
<b>Control Type</b>	Toggle
<b>Local Signalling</b>	ON/OFF indication
<b>Mounting Mode</b>	Clip-on
<b>Mounting Support</b>	35 mm symmetrical DIN rail
<b>Comb Busbar And Distribution Block Compatibility</b>	YES
<b>9 Mm Pitches</b>	6
<b>Height</b>	81 mm
<b>Depth</b>	73 mm
<b>Width</b>	54 mm
<b>Net Weight</b>	0.41 kg
<b>Colour</b>	White
<b>Mechanical Durability</b>	20000 cycles
<b>Electrical Durability</b>	10000 cycles conforming to IEC 60947-2
<b>Locking Options Description</b>	Handle sealable with cable diameter 0.7mm in OFF or ON position
<b>Connections - Terminals</b>	Tunnel type terminals1...50 mm <sup>2</sup> rigid Tunnel type terminals1.5...35 mm <sup>2</sup> flexible
<b>Wire Stripping Length</b>	15 mm
<b>Tightening Torque</b>	3.5 N.m
<b>Earth-Leakage Protection</b>	Separate block

## Environment

<b>Standards</b>	EN/IEC 60898-1 EN/IEC 60947-2
<b>Product Certifications</b>	EAC
<b>Ip Degree Of Protection</b>	IP20 conforming to IEC 60529
<b>Pollution Degree</b>	3 conforming to IEC 60947-2
<b>Overvoltage Category</b>	IV
<b>Tropicalisation</b>	2 conforming to IEC 60068-1
<b>Relative Humidity</b>	95 % at 55 °C
<b>Operating Altitude</b>	2000 m
<b>Ambient Air Temperature For Operation</b>	-30...60 $\diamond\diamond$ C
<b>Ambient Air Temperature For Storage</b>	-40...70 °C

## Packing Units

<b>Unit Type Of Package 1</b>	PCE
<b>Number Of Units In Package 1</b>	1
<b>Package 1 Height</b>	5.3 cm
<b>Package 1 Width</b>	6.8 cm
<b>Package 1 Length</b>	8.4 cm
<b>Package 1 Weight</b>	376 g

<b>Unit Type Of Package 2</b>	BB1
<b>Number Of Units In Package 2</b>	6
<b>Package 2 Height</b>	8.6 cm
<b>Package 2 Width</b>	9.6 cm
<b>Package 2 Length</b>	33.4 cm
<b>Package 2 Weight</b>	2.322 kg
<b>Unit Type Of Package 3</b>	S03
<b>Number Of Units In Package 3</b>	36
<b>Package 3 Height</b>	30 cm
<b>Package 3 Width</b>	30 cm
<b>Package 3 Length</b>	40 cm
<b>Package 3 Weight</b>	14.419 kg

## Contractual warranty

<b>Warranty</b>	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