# **Product datasheet**

Specification





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

Local distributor code:
397539938 A9N18500

EAN Code: 3606480380716

#### 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 230400 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 380415 V AC 50/60 Hz conforming to EN/IEC 60947-2 30 kA Icu at 220240 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           | 380415 V AC 50/60 Hz<br>220240 V AC 50/60 Hz<br>440 V AC 50/60 Hz<br><= 250 V DC<br>230400 V AC 50/60 Hz   |
| Magnetic Tripping Limit                  | 1014 x ln  |
| [Ics] Rated Service Breaking<br>Capacity | 7500 A 50 % conforming to EN/IEC 60898-1 - 230400 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 - 220240 V AC 50/60 Hz 7.5 kA 50 % conforming to EN/IEC 60947-2 - 380415 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   |
| [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  |

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| 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                                     | 6  |
| Height   | 81 mm  |
| Depth  | 73 mm  |
| Width  | 54 mm  |
| Net Weight                                       | 0.41 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 terminals150 mm² rigid Tunnel type terminals1.535 mm² flexible |
| Wire Stripping Length                            | 15 mm  |
| Tightening Torque                                | 3.5 N.m  |
| Earth-Leakage Protection                         | Separate block   |

### **Environment**

| Standards                             | EN/IEC 60898-1<br>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 | -3060 °C                         |
| Ambient Air Temperature For Storage   | -4070 °C                         |

## **Packing Units**

| Unit Type Of Package 1       | PCE    |
|------------------------------|--------|
| Number Of Units In Package 1 | 1      |
| Package 1 Height             | 5.3 cm |
| Package 1 Width              | 6.8 cm |
| Package 1 Length             | 8.4 cm |
| Package 1 Weight             | 376 g  |
| Unit Type Of Package 2       | BB1    |

| Number Of Units In Package 2 | 6         |
|------------------------------|-----------|
| Package 2 Height             | 8.6 cm    |
| Package 2 Width              | 9.6 cm    |
| Package 2 Length             | 33.4 cm   |
| Package 2 Weight             | 2.322 kg  |
| Unit Type Of Package 3       | S03       |
| Number Of Units In Package 3 | 36        |
| Package 3 Height             | 30 cm     |
| Package 3 Width              | 30 cm     |
| Package 3 Length             | 40 cm     |
| Package 3 Weight             | 14.419 kg |

## **Contractual warranty**

Warranty 18 months

### Sustainability Screen Premium\*

**Green Premium**<sup>TM</sup> **label** is Schneider Electric's commitment to delivering products with best-inclass 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

| <b>⊘</b> | Reach Free Of Svhc         |     |
|----------|----------------------------|-----|
| <b>⊘</b> | Toxic Heavy Metal Free     |     |
| <b>⊘</b> | Mercury Free               |     |
| <b>⊘</b> | 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  |