

## Specifications



Local distributor code:

397539792

A9N18458

EAN Code: 3606480380297

|                           |                                                                                                                                                                                                                                                                                                                                       |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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        | 100 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<br>10 kA Icu at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>15 kA Icu at <= 250 V DC conforming to EN/IEC 60947-2<br>15 kA Icu at 380...415 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>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                                                                                                                                                                                                                                                                                                         |

|                                               |                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Network Frequency</b>                      | 50/60 Hz                                                                                                                                                                                                                                                                                                                              |
| <b>[Ue] Rated Operational Voltage</b>         | 380...415 V AC 50/60 Hz<br>220...240 V AC 50/60 Hz<br>440 V AC 50/60 Hz<br><= 250 V DC<br>230...400 V AC 50/60 Hz                                                                                                                                                                                                                     |
| <b>Magnetic Tripping Limit</b>                | 5...10 x In                                                                                                                                                                                                                                                                                                                           |
| <b>[Ics] Rated Service Breaking Capacity</b>  | 7500 A 50 % conforming to EN/IEC 60898-1 - 230...400 V AC 50/60 Hz<br>5 kA 50 % conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz<br>15 kA 50 % conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz<br>7.5 kA 50 % conforming to EN/IEC 60947-2 - 380...415 V AC 50/60 Hz<br>15 kA 100 % conforming to EN/IEC 60947-2 - <= 250 V DC |
| <b>Limitation Class</b>                       | 3 conforming to EN/IEC 60947-2                                                                                                                                                                                                                                                                                                        |
| <b>[Ui] Rated Insulation Voltage</b>          | 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                                                                                                                                                                                                                                                                                                     |

|                                                  |                                                                                     |
|--------------------------------------------------|-------------------------------------------------------------------------------------|
| 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 | NO                                                                                  |
| 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                            | 5000 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 mm² rigid<br>Tunnel type terminals1.5...35 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 | -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              | 5.400 cm  |
| Package 1 Length             | 8.500 cm  |
| Package 1 Weight             | 385.000 g |
| Unit Type Of Package 2       | BB1       |

|                              |           |
|------------------------------|-----------|
| Number Of Units In Package 2 | 6         |
| Package 2 Height             | 9.000 cm  |
| Package 2 Width              | 9.500 cm  |
| Package 2 Length             | 33.300 cm |
| Package 2 Weight             | 2.370 kg  |
| Unit Type Of Package 3       | S03       |
| Number Of Units In Package 3 | 36        |
| Package 3 Height             | 30.000 cm |
| Package 3 Width              | 30.000 cm |
| Package 3 Length             | 40.000 cm |
| Package 3 Weight             | 14.832 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-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         | <a href="#">REACH Declaration</a>                                                                                           |
| Eu Rohs Directive        | Compliant<br><a href="#">EU RoHS Declaration</a>                                                                            |
| China Rohs Regulation    | <a href="#">China RoHS declaration</a><br>Pro-active China RoHS declaration (out of China RoHS legal scope)                 |
| Environmental Disclosure | <a href="#">Product Environmental Profile</a>                                                                               |
| 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                                                                                    |