



### Main

|                           |  |
|---------------------------|--|
| Range of product          | Acti9  |
| Range                     | Acti9  |
| Product name              | C120   |
| Product or component type | Miniature circuit-breaker  |
| Device short name         | C120L  |
| Poles description         | 4P   |
| Device application        | Distribution   |
| Number of protected poles | 4  |
| [In] rated current        | 63 A at 30 °C  |
| Network type              | AC   |
| Trip unit technology      | Thermal-magnetic   |
| Curve code                | D  |
| Breaking capacity         | 10 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2<br>30 KA Icu at 230...240 V AC 50/60 Hz conforming to IEC 60947-2<br>15 KA Icu at 400...415 V AC 50/60 Hz conforming to IEC 60947-2<br>15000 A Icn at 400 V AC 50/60 Hz conforming to IEC 60898-1 |
| Suitability for isolation | Yes conforming to IEC 60947-2  |

### Complementary

|  |   |
|--|---|
| Network frequency                      | 50/60 Hz  |
| [Ue] rated operational voltage         | 400 V AC 50/60 Hz   |
| Magnetic tripping limit                | 10...14 x In  |
| Limitation class                       | 3 conforming to IEC 60898-1   |
| [Ui] rated insulation voltage          | 500 V AC 50/60 Hz conforming to IEC 60947-2   |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to IEC 60947-2  |
| Contact position indicator             | Yes   |
| Control type                           | Toggle  |
| Local signalling                       | ON/OFF indication   |
| Mounting mode                          | Clip-on   |
| Mounting support                       | DIN rail  |
| 9 mm pitches                           | 12  |
| Height                                 | 86 mm   |
| Width                                  | 108 mm  |
| Depth                                  | 73 mm   |
| Net weight                             | 820 g   |
| Mechanical durability                  | 20000 cycles  |
| Electrical durability                  | 10000 cycles  |
| Connections - terminals                | Tunnel type terminals top or bottom 1...50 mm <sup>2</sup> rigid without cable end<br>Tunnel type terminals top or bottom 1.5...35 mm <sup>2</sup> flexible with or without cable end |
| Wire stripping length                  | Power circuit: 14 mm  |
| Tightening torque                      | Power circuit: 3.5 N.m  |
| Earth-leakage protection               | Separate block  |

## Environment

|                                       |                              |
|---------------------------------------|------------------------------|
| Standards                             | IEC 60898-1<br>GB 10963.1    |
| Product certifications                | CCC[RETURN]CE                |
| IP degree of protection               | IP20 conforming to IEC 60529 |
| Pollution degree                      | 3 conforming to IEC 60947-2  |
| 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             | 7.3 cm  |
| Package 1 Width              | 10.8 cm |
| Package 1 Length             | 8.5 cm  |
| Package 1 Weight             | 795.9 g |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product                         |
| REACH free of SVHC         | Yes   |
| EU RoHS Directive          | Compliant <a href="#">EU RoHS Declaration</a> |
| Toxic heavy metal free     | Yes   |
| Mercury free               | Yes   |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>        |
| RoHS exemption information | <a href="#">Yes</a>                           |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a> |
| Circularity Profile        | <a href="#">End Of Life Information</a>       |