



## Main

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|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range of product          | C120                                                                                                                                                                                                                                                                                                                            |
| Range                     | Acti 9                                                                                                                                                                                                                                                                                                                          |
| Product name              | C120                                                                                                                                                                                                                                                                                                                            |
| Product or component type | Miniature circuit-breaker                                                                                                                                                                                                                                                                                                       |
| Device short name         | C120H                                                                                                                                                                                                                                                                                                                           |
| Device application        | Distribution                                                                                                                                                                                                                                                                                                                    |
| Poles description         | 4P                                                                                                                                                                                                                                                                                                                              |
| Number of protected poles | 4                                                                                                                                                                                                                                                                                                                               |
| [In] rated current        | 63 A at 30 °C                                                                                                                                                                                                                                                                                                                   |
| Network type              | AC                                                                                                                                                                                                                                                                                                                              |
| Trip unit technology      | Thermal-magnetic                                                                                                                                                                                                                                                                                                                |
| Curve code                | B                                                                                                                                                                                                                                                                                                                               |
| Breaking capacity         | 10 kA Icu conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz<br>15 kA Icu conforming to EN/IEC 60947-2 - 380...415 V AC 50/60 Hz<br>30 kA Icu conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz<br>15 kA Icu conforming to EN/IEC 60947-2 - ≤ 500 V DC<br>15000 A Icn conforming to EN/IEC 60898-1 - 230...400 V AC 50/60 Hz |
| Suitability for isolation | Yes conforming to IEC 60947-2                                                                                                                                                                                                                                                                                                   |

## Complementary

|                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Network frequency                      | 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| [Ue] rated operational voltage         | ≤ 500 V DC<br>220...240 V AC 50/60 Hz<br>380...415 V AC 50/60 Hz<br>440 V AC 50/60 Hz<br>230...400 V AC 50/60 Hz                                                                                                                                                                                                                                                                                                                         |
| Magnetic tripping limit                | 3...5 x In                                                                                                                                                                                                                                                                                                                                                                                                                               |
| [Ics] rated service breaking capacity  | 5 kA at 50 % of breaking cap. conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz<br>15 kA at 50 % of breaking cap. conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz<br>7.5 kA at 50 % of breaking cap. conforming to EN/IEC 60947-2 - 380...415 V AC 50/60 Hz<br>15 kA at 100 % of breaking cap. conforming to EN/IEC 60947-2 - ≤ 500 V DC<br>7500 A at 50 % of breaking cap. conforming to EN/IEC 60898-1 - 230...400 V AC 50/60 Hz |
| 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                                     | 12                                                                                    |
| Height                                           | 81 mm                                                                                 |
| Width                                            | 108 mm                                                                                |
| Depth                                            | 73 mm                                                                                 |
| Product weight                                   | 0.82 kg                                                                               |
| Colour                                           | White                                                                                 |
| Mechanical durability                            | 20000 cycles                                                                          |
| Electrical durability                            | 10000 cycles conforming to IEC 60947-2                                                |
| Connections - terminals                          | Tunnel type terminals 1.5...35 mm² flexible<br>Tunnel type terminals 1...50 mm² rigid |
| 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 % 55 °C                       |
| Operating altitude                    | 2000 m                           |
| Ambient air temperature for operation | -30...60 °C                      |
| Ambient air temperature for storage   | -40...70 °C                      |

## Offer Sustainability

|                        |                                                                                                                                       |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| RoHS (date code: YYWW) | Compliant - since 0627 - Schneider Electric declaration of conformity<br><a href="#">Schneider Electric declaration of conformity</a> |
| REACH                  | Reference not containing SVHC above the threshold<br><a href="#">Reference not containing SVHC above the threshold</a>                |

## Contractual warranty

|                 |           |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|