



### Glavno

|                           |   |
|---------------------------|---|
| 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                | C   |
| 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   |

### Komplementarno

|  |   |
|--|---|
| 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                          | 5...10 x In   |
| [Ics] rated service breaking capacity            | 5 kAat 50 % of breaking cap. conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz<br>15 kAat 50 % of breaking cap. conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz<br>7.5 kAat 50 % of breaking cap. conforming to EN/IEC 60947-2 - 380...415 V AC 50/60 Hz<br>15 kAat 100 % of breaking cap. conforming to EN/IEC 60947-2 - ≤ 500 V DC<br>7500 Aat 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   |

Informacije dane u ovoj dokumentaciji sadrže opće opise i/ili tehničke karakteristike o performansama ovdje sadržanih proizvoda. Ova dokumentacija nije namijenjena kao zamjena za niti bi se trebala koristiti za određivanje prikladnosti ili pouzdanosti predmetnih proizvoda za konkretne korisničke primjene. Svaki takav korisnik ili integrator dužan je provesti odgovarajuću i popunnu analizu rizika, procjenu i ispitivanje proizvoda u odnosu na odgovarajuću specifičnu primjenu ili uporabu istog. Niti društvo Schneider Electric Industries SAS niti bilo koje od njegovih povezanih poduzeća ili podružnica neće preuzeti obvezu ili snositi odgovornost za pogrešnu upotrebu ovdje sadržanih informacija.

|                          |   |
|--------------------------|---|
| 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...50 mm <sup>2</sup> rigid<br>Tunnel type terminals 1.5...35 mm <sup>2</sup> flexible |
| Wire stripping length    | 15 mm   |
| Tightening torque        | 3.5 N.m   |
| Earth-leakage protection | Separate block  |

## Okolina

|                                       |                                  |
|---------------------------------------|----------------------------------|
| standards                             | EN/IEC 60947-2<br>EN/IEC 60898-1 |
| 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

|   |   |
|---|---|
| Not Green Premium product   | Not Green Premium product   |
| Compliant - since 0627 - Schneider Electric declaration of conformity | Compliant - since 0627 - Schneider Electric declaration of conformity |
| Reference not containing SVHC above the threshold                     | Reference not containing SVHC above the threshold                     |

## Contractual warranty

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