



### Hoofd

|                           |                                                                                                                                                                                                                                                                                                                                  |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range of product          | C120                                                                                                                                                                                                                                                                                                                             |
| Range                     | Acti 9                                                                                                                                                                                                                                                                                                                           |
| Product name              | C120                                                                                                                                                                                                                                                                                                                             |
| Product or component type | Miniatuur vermogensschakelaar                                                                                                                                                                                                                                                                                                    |
| Device short name         | C120H                                                                                                                                                                                                                                                                                                                            |
| Device application        | Distributie                                                                                                                                                                                                                                                                                                                      |
| Poles description         | 4P                                                                                                                                                                                                                                                                                                                               |
| Number of protected poles | 4                                                                                                                                                                                                                                                                                                                                |
| [In] rated current        | 80 A bij 30 °C                                                                                                                                                                                                                                                                                                                   |
| Network type              | AC                                                                                                                                                                                                                                                                                                                               |
| Trip unit technology      | Thermisch-magnetisch                                                                                                                                                                                                                                                                                                             |
| Curve code                | B                                                                                                                                                                                                                                                                                                                                |
| Breaking capacity         | 15000 A Icn bij 230...400 V AC 50/60 Hz conform aan EN/IEC 60898-1<br>10 KA Icu bij 440 V AC 50/60 Hz conform aan EN/IEC 60947-2<br>15 KA Icu bij 380...415 V AC 50/60 Hz conform aan EN/IEC 60947-2<br>30 KA Icu bij 220...240 V AC 50/60 Hz conform aan EN/IEC 60947-2<br>15 kA Icu bij <= 500 V DC conform aan EN/IEC 60947-2 |
| Suitability for isolation | Ja conform aan IEC 60947-2                                                                                                                                                                                                                                                                                                       |

### Complementair

|                                                  |                                                                                                                                                                                                                                                                                                                             |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Network frequency                                | 50/60 Hz                                                                                                                                                                                                                                                                                                                    |
| [Ue] rated operational voltage                   | 380...415 V AC 50/60 Hz<br><= 500 V DC<br>220...240 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 dienst onderbrekingsvermogen                 | 7500 A 50 % conform aan EN/IEC 60898-1 - 230...400 V AC 50/60 Hz<br>5 KA 50 % conform aan EN/IEC 60947-2 - 440 V AC 50/60 Hz<br>15 KA 50 % conform aan EN/IEC 60947-2 - 220...240 V AC 50/60 Hz<br>7,5 KA 50 % conform aan EN/IEC 60947-2 - 380...415 V AC 50/60 Hz<br>15 KA 100 % conform aan EN/IEC 60947-2 - <= 500 V DC |
| Limitation class                                 | 3 conform aan EN/IEC 60947-2                                                                                                                                                                                                                                                                                                |
| [Ui] rated insulation voltage                    | 500 V AC 50/60 Hz conform aan EN/IEC 60947-2                                                                                                                                                                                                                                                                                |
| [Uimp] rated impulse withstand voltage           | 6 kV conform aan EN/IEC 60947-2                                                                                                                                                                                                                                                                                             |
| Contact position indicator                       | Ja                                                                                                                                                                                                                                                                                                                          |
| Control type                                     | Omschakelen                                                                                                                                                                                                                                                                                                                 |
| Local signalling                                 | AAN/UIT indicatie                                                                                                                                                                                                                                                                                                           |
| Mounting mode                                    | Clip-on                                                                                                                                                                                                                                                                                                                     |
| Mounting support                                 | 35 mm symmetrische DIN-rail                                                                                                                                                                                                                                                                                                 |
| Comb busbar and distribution block compatibility | JA                                                                                                                                                                                                                                                                                                                          |
| Aantal modules van 9 mm                          | 12                                                                                                                                                                                                                                                                                                                          |
| Height                                           | 81 mm                                                                                                                                                                                                                                                                                                                       |
| Depth                                            | 73 mm                                                                                                                                                                                                                                                                                                                       |

|                                 |                                                                                                               |
|---------------------------------|---------------------------------------------------------------------------------------------------------------|
| Width                           | 108 mm                                                                                                        |
| Net weight                      | 0,82 kg                                                                                                       |
| Colour                          | Wit                                                                                                           |
| Mechanical durability           | 20000 cycles                                                                                                  |
| Electrical durability           | 5000 cycles conform aan IEC 60947-2                                                                           |
| Aansluitingen - aansluitklemmen | Tunnelaansluitklemmen 1...50 Mm <sup>2</sup> stijf<br>Tunnelaansluitklemmen 1,5...35 mm <sup>2</sup> flexibel |
| Wire stripping length           | 15 mm                                                                                                         |
| Tightening torque               | 3,5 N.m                                                                                                       |
| Earth-leakage protection        | Apart blok                                                                                                    |

## Omgeving

|                                       |                                  |
|---------------------------------------|----------------------------------|
| Standards                             | EN/IEC 60947-2<br>EN/IEC 60898-1 |
| Product certifications                | EAC                              |
| IP beschermingsgraad                  | IP20 conforming to IEC 60529     |
| Pollution degree                      | 3 conform aan IEC 60947-2        |
| Overvoltage category                  | IV                               |
| Tropicalisation                       | 2 conform aan IEC 60068-1        |
| Relative humidity                     | 95 % bij 55 °C                   |
| Operating altitude                    | 2000 m                           |
| Ambient air temperature for operation | -30...60 °C                      |
| Ambient air temperature for storage   | -40...70 °C                      |

## Verpakkingseenheid

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Height             | 7,300 cm  |
| Package 1 Width              | 8,600 cm  |
| Package 1 Length             | 10,700 cm |
| Package 1 Weight             | 776,000 g |
| Unit Type of Package 2       | BB1       |
| Number of Units in Package 2 | 3         |
| Package 2 Height             | 8,500 cm  |
| Package 2 Width              | 9,200 cm  |
| Package 2 Length             | 33,100 cm |
| Package 2 Weight             | 2,391 kg  |
| Unit Type of Package 3       | S03       |
| Number of Units in Package 3 | 18        |
| Package 3 Height             | 30,000 cm |
| Package 3 Width              | 30,000 cm |
| Package 3 Length             | 40,000 cm |
| Package 3 Weight             | 15,139 kg |

## Duurzaamheid van het aanbod

|                                     |                                                                                                                                   |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Duurzaamheids status van het aanbod | Green Premium product                                                                                                             |
| REACH-regelgeving                   |  <a href="#">REACH-verklaring</a>              |
| EU-richtlijn RoHS                   | Voldoet  <a href="#">EU-verklaring RoHS</a>    |
| Vrij van giftige zware metalen      | Ja                                                                                                                                |
| Kwikkvrij                           | Ja                                                                                                                                |
| RoHS-regulering China               |  <a href="#">RoHS-verklaring China</a>         |
| Informatie over RoHS-vrijstelling   |  <a href="#">Ja</a>                            |
| Milieu Profiel                      |  <a href="#">Milieuprofiel Van Het Product</a> |

|                   |                                                                                                                                                                 |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Circulair Profiel | Geen specifieke recycling vereist                                                                                                                               |
| WEEE              | Het product moet op markten van de Europese Unie worden afgevoerd volgens specifieke afvalinzamelingsregels en mag nooit in een gewone vuilnisbak terechtkomen. |

### contractuele waarborg

|          |           |
|----------|-----------|
| Garantie | 18 months |
|----------|-----------|