



#### Electrical features

|                                           |        |       |
|-------------------------------------------|--------|-------|
| Rated insulation voltage $U_i$ IEC/EN     | V      | 440   |
| Rated impulse withstand voltage $U_{imp}$ | kV     | 4     |
| Rated operational voltage AC (IEC)        | VAC    | 230   |
| Rated operational voltage DC              | VDC    | 80    |
| Rated frequency                           | Hz     | 50/60 |
| Rated current ( $I_n$ )                   | A      | 10    |
| Tripping curve                            |        | B     |
| Short circuit rating (IEC)                | kA     | 10    |
| Limiting class                            |        | 3     |
| Electrical life                           | cycles | 10000 |
| Power dissipation per pole max            | W      | 1.25  |

#### Ambient conditions

|                       |     |    |      |
|-----------------------|-----|----|------|
| Operating temperature | min | °C | -40  |
|                       | max | °C | +70  |
| Storage temperature   | min | °C | -40  |
|                       | max | °C | +80  |
| Max altitude          | m   |    | 2000 |

#### Mechanical features

|                                                          |           |        |                    |
|----------------------------------------------------------|-----------|--------|--------------------|
| Operating position                                       | normal    |        | Vertical plan      |
| Fixing                                                   |           |        | 35mm DIN rail      |
| Tightening torque for terminals                          | min       | Nm     | 1.8                |
|                                                          | max       | Nm     | 2                  |
|                                                          | min       | lbin   | 16                 |
|                                                          | max       | lbin   | 17.7               |
| Terminals tool                                           |           |        | Pz 2               |
| Conductor section                                        | IEC       | min    | mm <sup>2</sup> 1  |
|                                                          |           | max    | mm <sup>2</sup> 35 |
|                                                          | AWG/Kcmil | min    | 14                 |
|                                                          |           | max    | kcmil 6            |
| Mechanical life                                          |           | cycles | 20000              |
| Weight                                                   |           | g      | 115                |
| Frontal IP degree                                        |           |        | IP20               |
| Pollution degree                                         |           |        | 2                  |
| Grid distance as per Annex H.1 of IEC/EN60898-1 standard |           | mm     | 60                 |

#### Dimensions



#### Wiring diagrams



#### Certifications and compliance

##### Compliance

CSA C22.2 n°235. UR "UL Recognized" per Canada e USA.

IEC/EN 60898-1

IEC/EN 60947-2

UL 1077

##### Certifications

cURus

EAC

TÜV-Rheinland

#### ETIM classification

ETIM 8.0

EC000042 -  
Miniature circuit  
breaker (MCB)