



### 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    | 230/400 |
| Rated operational voltage DC              | VDC    | 125     |
| Rated frequency                           | Hz     | 50/60   |
| Rated current ( $I_n$ )                   | A      | 13      |
| Tripping curve                            |        | D       |
| Short circuit rating (IEC)                | kA     | 10      |
| Limiting class                            |        | 3       |
| Electrical life                           | cycles | 10000   |
| Power dissipation per pole max            | W      | 1.69    |

### Ambient conditions

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

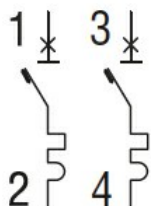
### Mechanical features

|                                                          |           |      |                    |
|----------------------------------------------------------|-----------|------|--------------------|
| 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 230              |
| 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)