



### Electrical features

|                                      |        |          |
|--------------------------------------|--------|----------|
| Rated insulation voltage Ui IEC/EN   | V      | 440      |
| Rated impulse withstand voltage Uimp | kV     | 4        |
| Rated operational voltage AC (IEC)   | VAC    | 230/400  |
| Rated operational voltage AC (UL)    | V      | 480Y/277 |
| Rated operational voltage DC         | VDC    | 125      |
| Rated frequency                      | Hz     | 50/60    |
| Rated current (In)                   | A      | 20       |
| Tripping curve                       |        | C        |
| Short circuit rating (IEC)           | kA     | 10       |
| Short circuit rating (UL)            | kA     | 10       |
| Electrical life                      | cycles | 10000    |
| Power dissipation per pole max       | W      | 1.56     |

### 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      | 255                |
| Frontal IP degree               |           |        | IP20               |
| Pollution degree                |           |        | 2                  |

### Dimensions



#### Wiring diagrams



#### Certifications and compliance

##### Compliance

IEC/EN 60947-2

UL489

##### Certifications

cULus

EAC

#### ETIM classification

ETIM 8.0

EC000042 -  
Miniature circuit  
breaker (MCB)