



### 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 AC (UL)         | V      | 120     |
| Rated operational voltage DC              | VDC    | 60      |
| Rated frequency                           | Hz     | 50/60   |
| Rated current ( $I_n$ )                   | A      | 40      |
| Tripping curve                            |        | D       |
| Short circuit rating (IEC)                | kA     | 10      |
| Short circuit rating (UL)                 | kA     | 10      |
| Electrical life                           | cycles | 10000   |
| Power dissipation per pole max            | W      | 3.84    |

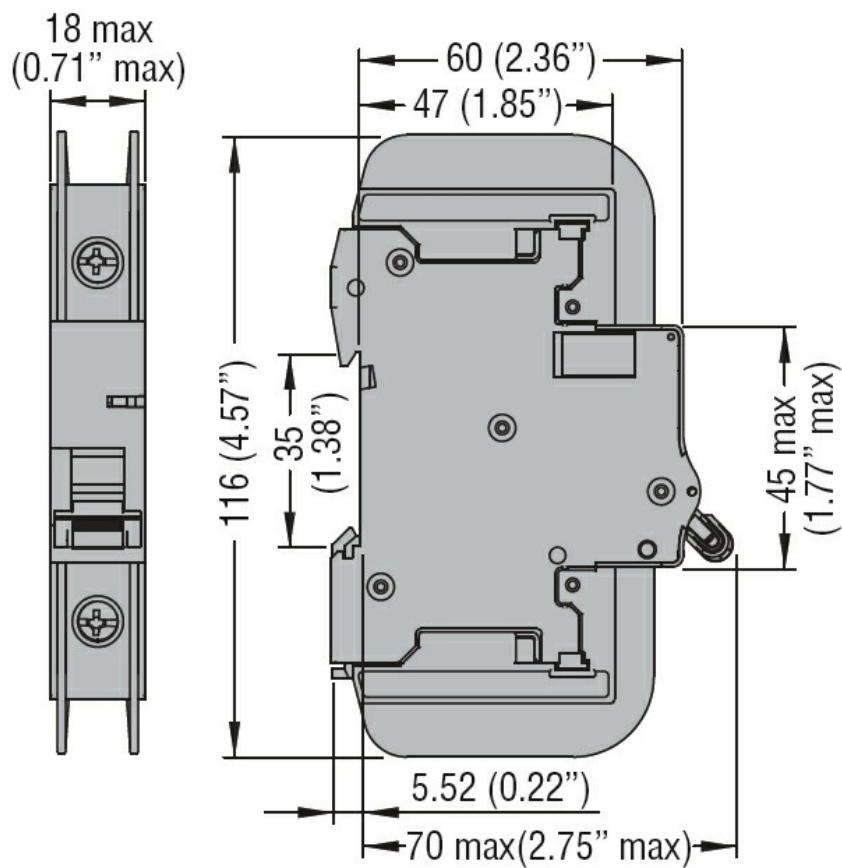
### Ambient conditions

|                       |     |    |      |
|-----------------------|-----|----|------|
| 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      | 133                |
| 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)