



### Electrical features

|                                           |        |                                                           |
|-------------------------------------------|--------|-----------------------------------------------------------|
| Rated insulation voltage $U_i$ IEC/EN     | V      | 1000                                                      |
| Rated impulse withstand voltage $U_{imp}$ | kV     | 4                                                         |
| Rated operational voltage AC (IEC)        | VAC    | 400...440                                                 |
| Rated frequency                           | Hz     | 50/60                                                     |
| Rated current ( $I_n$ )                   | A      | 125                                                       |
| Short circuit rating (IEC)                | kA     | 25 with gG fuses rated 63A<br>15 with gG fuses rated 125A |
| Electrical life                           | cycles | 1000                                                      |

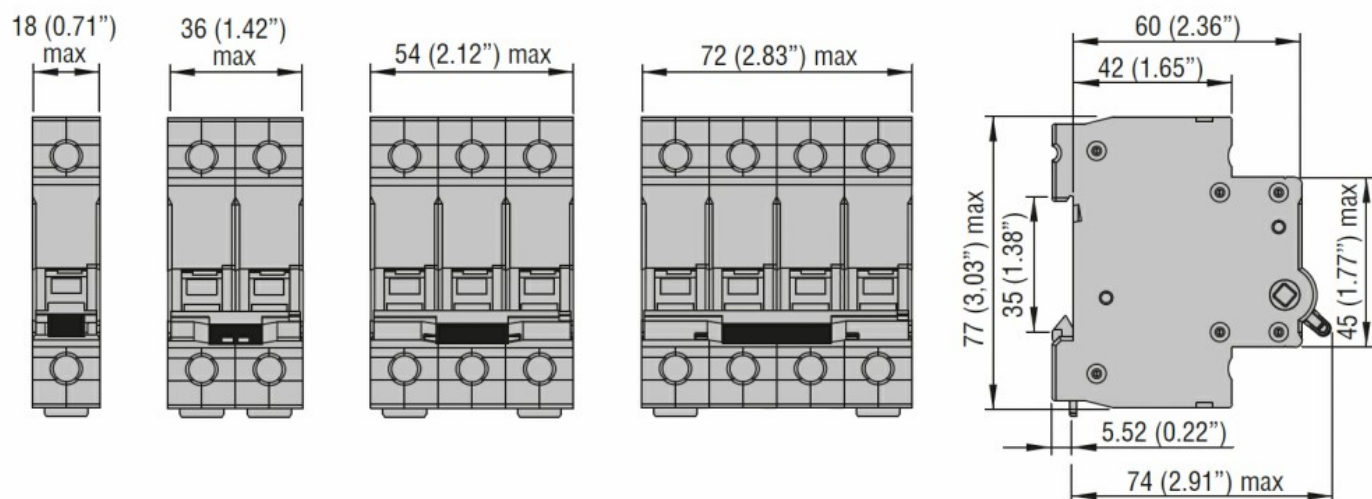
### Ambient conditions

|                       |     |    |      |
|-----------------------|-----|----|------|
| Operating temperature | min | °C | -25  |
|                       | max | °C | +70  |
| Storage temperature   | min | °C | -25  |
|                       | max | °C | +70  |
| Max altitude          |     | m  | 2000 |

### Mechanical features

|                                 |  |               |       |               |
|---------------------------------|--|---------------|-------|---------------|
| Operating position              |  | normal        |       | Vertical plan |
| Fixing                          |  | 35mm DIN rail |       |               |
| Tightening torque for terminals |  | min           | Nm    | 3.2           |
|                                 |  | max           | Nm    | 3.5           |
|                                 |  | min           | lbin  | 28.3          |
|                                 |  | max           | lbin  | 31            |
| Terminals tool                  |  | Pz2           |       |               |
| Conductor section               |  |               |       |               |
| IEC                             |  | min           | mm²   | 1             |
|                                 |  | max           | mm²   | 50            |
| AWG/Kcmil                       |  | min           |       | 16            |
|                                 |  | max           | kcmil | 1             |
| Mechanical life                 |  | cycles        | 7000  |               |
| Weight                          |  | g             | 170   |               |
| Pollution degree                |  | 3             |       |               |

### Dimensions



### Wiring diagrams



### Certifications and compliance

#### Compliance

IEC/EN/BS 60947-3.

#### Certifications

EAC

TÜV-Rheinland

### ETIM classification

ETIM 8.0

EC000042 -  
Miniature circuit  
breaker (MCB)