



### 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      | 40      |
| Tripping curve                            |        | B       |
| Short circuit rating (IEC)                | kA     | 10      |
| Limiting class                            |        | 3       |
| Electrical life                           | cycles | 10000   |
| Power dissipation per pole max            | W      | 3.84    |

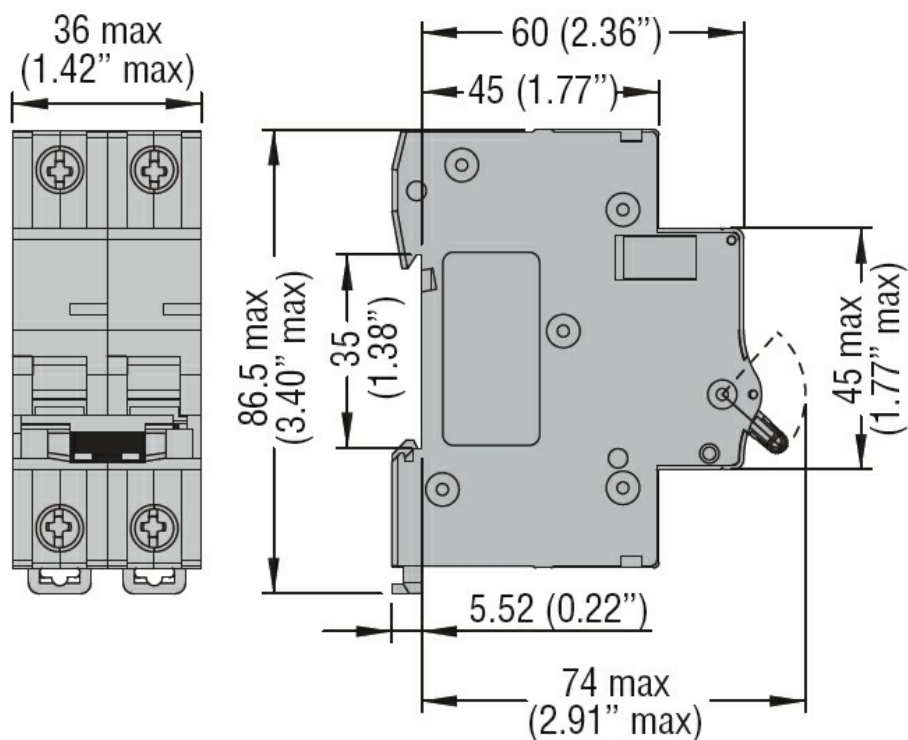
### Ambient conditions

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

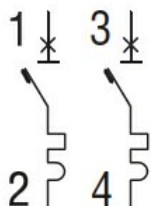
### Mechanical features

|                                                          |        |                 |               |
|----------------------------------------------------------|--------|-----------------|---------------|
| 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               | 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)