



### Electrical features

|                                           |        |         |
|-------------------------------------------|--------|---------|
| Rated insulation voltage $U_i$ IEC/EN     | V      | 400     |
| Rated impulse withstand voltage $U_{imp}$ | kV     | 4       |
| Rated operational voltage AC (IEC)        | VAC    | 230/400 |
| Rated operational voltage DC              | VDC    | 80      |
| Rated frequency                           | Hz     | 50/60   |
| Rated current ( $I_n$ )                   | A      | 125     |
| Tripping curve                            |        | C       |
| Short circuit rating (IEC)                | kA     | 10      |
| Electrical life                           | cycles | 10000   |
| Power dissipation per pole max            | W      | 14.06   |

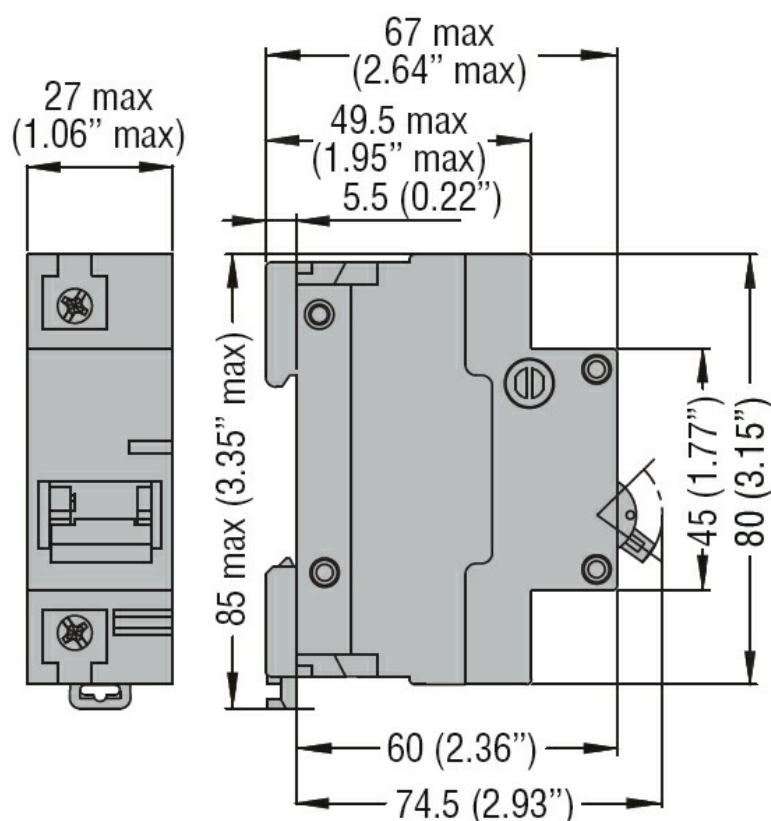
### Ambient conditions

|                       |     |    |      |
|-----------------------|-----|----|------|
| 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    | 3.2   |
|                                 |  | max           | Nm    | 3.5   |
|                                 |  | min           | lbin  | 28.3  |
|                                 |  | max           | lbin  | 31    |
| Terminals tool                  |  | Pz 2          |       |       |
| Conductor section               |  |               |       |       |
| IEC                             |  |               |       |       |
|                                 |  | min           | mm²   | 2.5   |
|                                 |  | max           | mm²   | 50    |
| AWG/Kcmil                       |  |               |       |       |
|                                 |  | min           |       | 14    |
|                                 |  | max           | kcmil | 1/0   |
| Mechanical life                 |  | cycles        |       | 10000 |
| Weight                          |  | g             |       | 166   |
| Frontal IP degree               |  |               |       | IP20  |
| Pollution degree                |  |               |       | 3     |

### Dimensions



## Wiring diagrams



## Certifications and compliance

### Compliance

CSA C22.2 n°235. UR "UL Recognized" per Canada e USA.

IEC/EN 60947-2

UL 1077

### Certifications

cURus

EAC

TÜV-Rheinland

## ETIM classification

ETIM 8.0

EC000042 -  
Miniature circuit  
breaker (MCB)