



### 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   |
| Rated frequency                           | Hz     | 50/60 |
| Rated current ( $I_n$ )                   | A      | 20    |
| Tripping curve                            |        | B     |
| Short circuit rating (IEC)                | kA     | 6     |
| Limiting class                            |        | 3     |
| Electrical life                           | cycles | 10000 |
| Power dissipation per pole max            | W      | 1.56  |

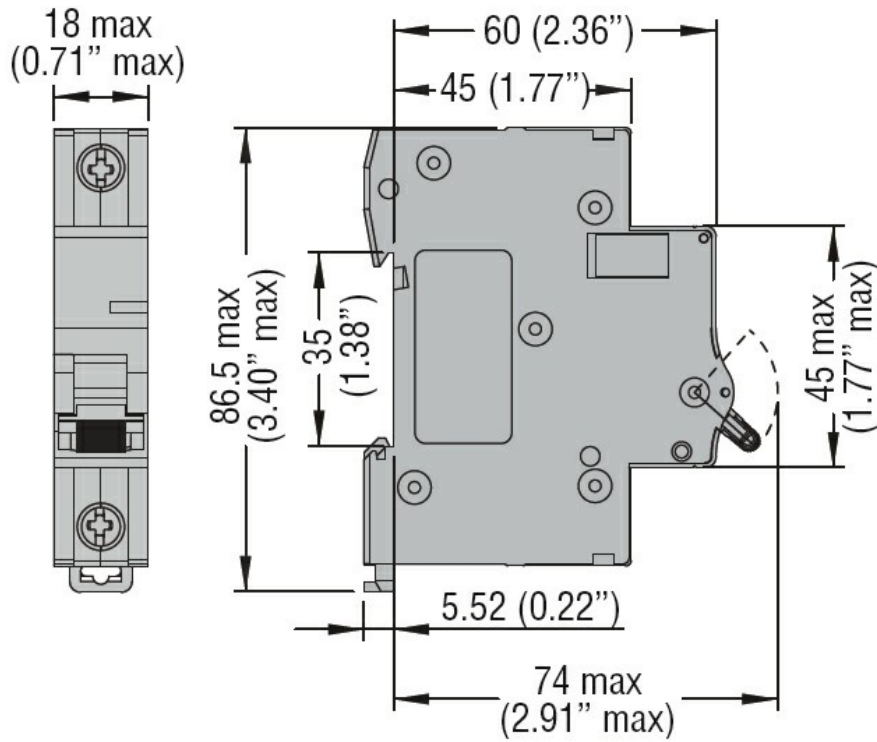
### Ambient conditions

|                       |     |    |      |
|-----------------------|-----|----|------|
| 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            | 1.1             |    |
|  | max       | Nm            | 1.2             |    |
|  | min       | lbin          | 9.7             |    |
|  | max       | lbin          | 10.6            |    |
| Terminals tool   |           | Pz 2          |                 |    |
| Conductor section  | IEC       | min           | mm <sup>2</sup> | 1  |
|  |           | max           | mm <sup>2</sup> | 16 |
|  | AWG/Kcmil | min           |                 | 14 |
|  |           | max           | kcmil           | 6  |
| Mechanical life  | cycles    |               | 20000           |    |
| Weight   | g         |               | 115             |    |
| 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

IEC/EN 60898-1  
 IEC/EN 60947-2

Certifications

EAC  
 TÜV-Rheinland