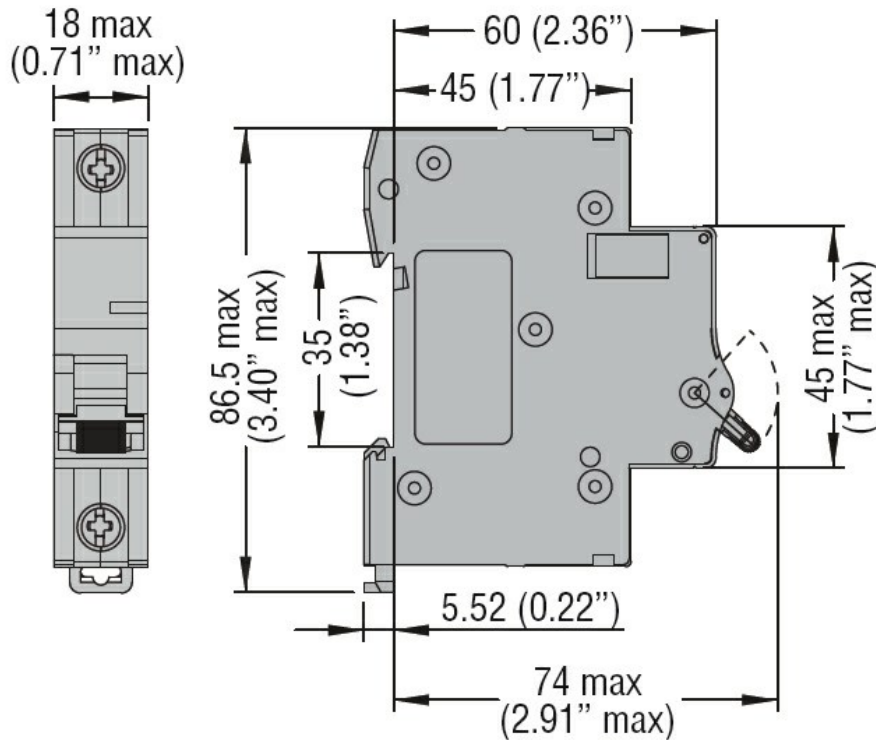




| | | | | |
|---|---------------------------------|---------------|-----------------|----|
| Product designation | Miniature circuit breaker (MCB) | | | |
| Product type designation | P1 MB | | | |
| Number of poles | 1P | | | |
| Number of DIN modules | 1 | | | |
| Compliance | IEC / UL1077 | | | |
| 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 operational voltage DC | VDC | 80 | | |
| Rated frequency | Hz | 50/60 | | |
| Rated current (I_n) | A | 20 | | |
| Tripping curve | D | | | |
| Short circuit rating (IEC) | kA | 10 | | |
| 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 | 1.8 | |
| | max | Nm | 2 | |
| | min | lbin | 16 | |
| | max | lbin | 17.7 | |
| Terminals tool | Pz 2 | | | |
| Conductor section | IEC | min | mm ² | 1 |
| | | max | mm ² | 35 |
| | AWG/Kcmil | min | 14 | |
| | | max | 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

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