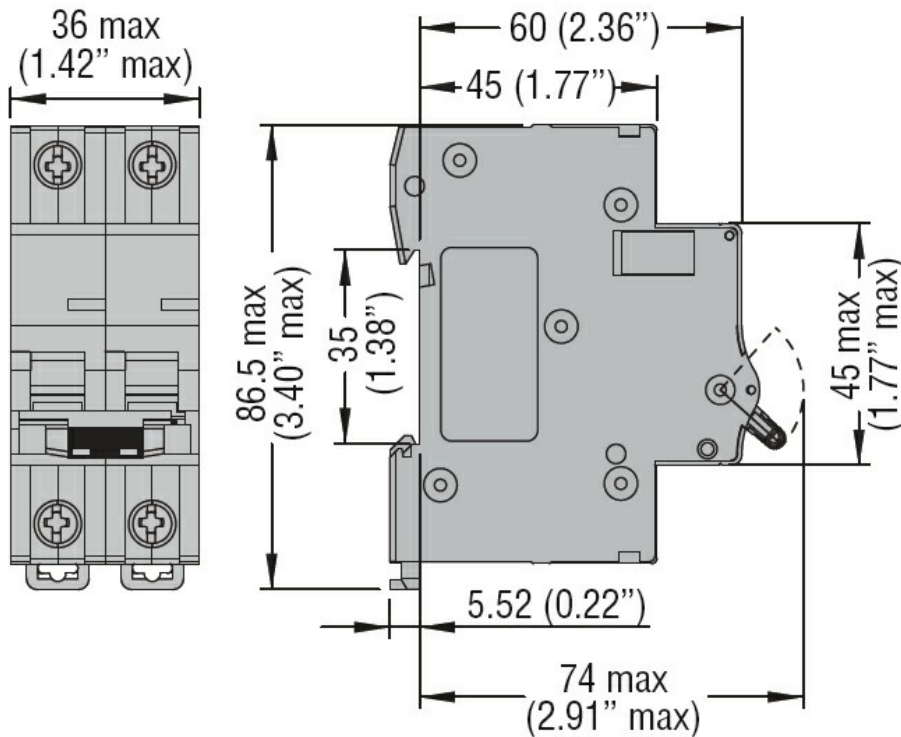




| | | | |
|---|---------------------------------|-----------------|------|
| Product designation | Miniature circuit breaker (MCB) | | |
| Product type designation | P1 MB | | |
| Number of poles | 2P | | |
| Number of DIN modules | 2 | | |
| Compliance | IEC / UL1077 | | |
| Electrical features | | | |
| Rated insulation voltage U_i IEC/EN | V | 440 | |
| Rated impulse withstand voltage U_{imp} | kV | 4 | |
| Rated operational voltage AC (IEC) | VAC | 230/400 | |
| Rated operational voltage DC | VDC | 125 | |
| Rated frequency | Hz | 50/60 | |
| Rated current (I_n) | A | 2 | |
| Tripping curve | C | | |
| Short circuit rating (IEC) | kA | 10 | |
| Electrical life | cycles | 10000 | |
| Power dissipation per pole max | W | 0.96 | |
| 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 | 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)