

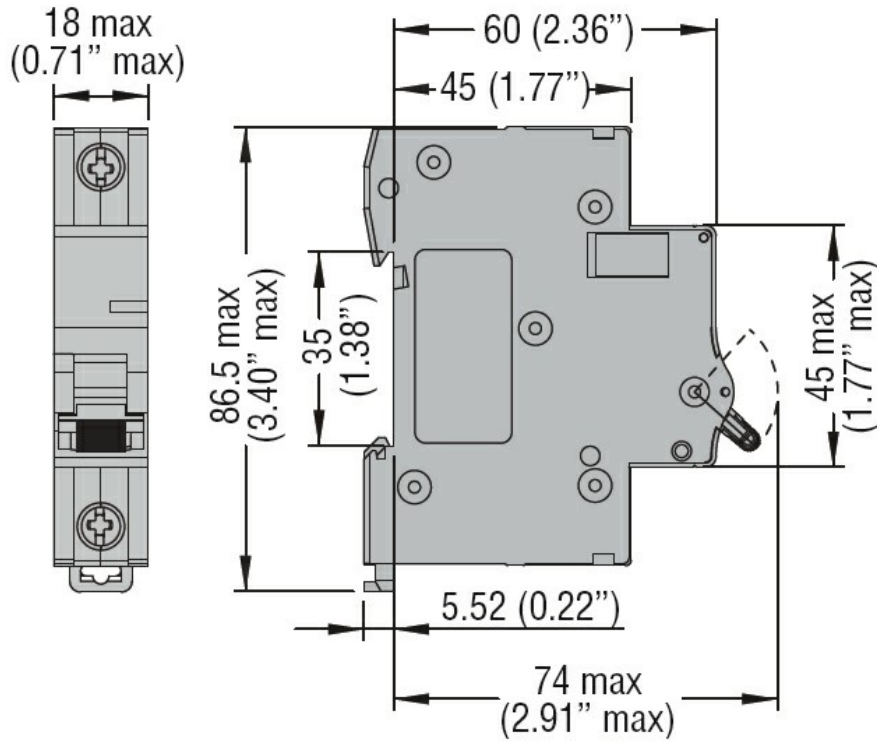


| | | | | |
|---|---------------------------------|---------------|-----------------|----|
| Product designation | Miniature circuit breaker (MCB) | | | |
| Product type designation | P1 MB | | | |
| Number of poles | 1P+N | | | |
| Number of DIN modules | 1 | | | |
| Compliance | IEC | | | |
| Electrical 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 | 25 | | |
| Tripping curve | C | | | |
| Short circuit rating (IEC) | kA | 6 | | |
| Electrical life | cycles | 10000 | | |
| Power dissipation per pole max | W | 2.13 | | |
| 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 ² | 1 |
| | | max | mm ² | 16 |
| | 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

IEC/EN 60898-1

IEC/EN 60947-2

Certifications

EAC

TÜV-Rheinland

ETIM classification

ETIM 8.0

EC000042 -
Miniature circuit
breaker (MCB)