



Product designation

Miniature circuit
breaker (MCB)

Product type designation

P1 MB

Number of poles

1P+N

Number of DIN modules

2

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 | 230/400 |
| Rated frequency | Hz | 50/60 |
| Rated current (I_n) | A | 4 |
| Tripping curve | | C |
| Short circuit rating (IEC) | kA | 6 |
| Electrical life | cycles | 10000 |
| Power dissipation per pole max | W | 2.16 |

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 190

Frontal IP degree

IP20

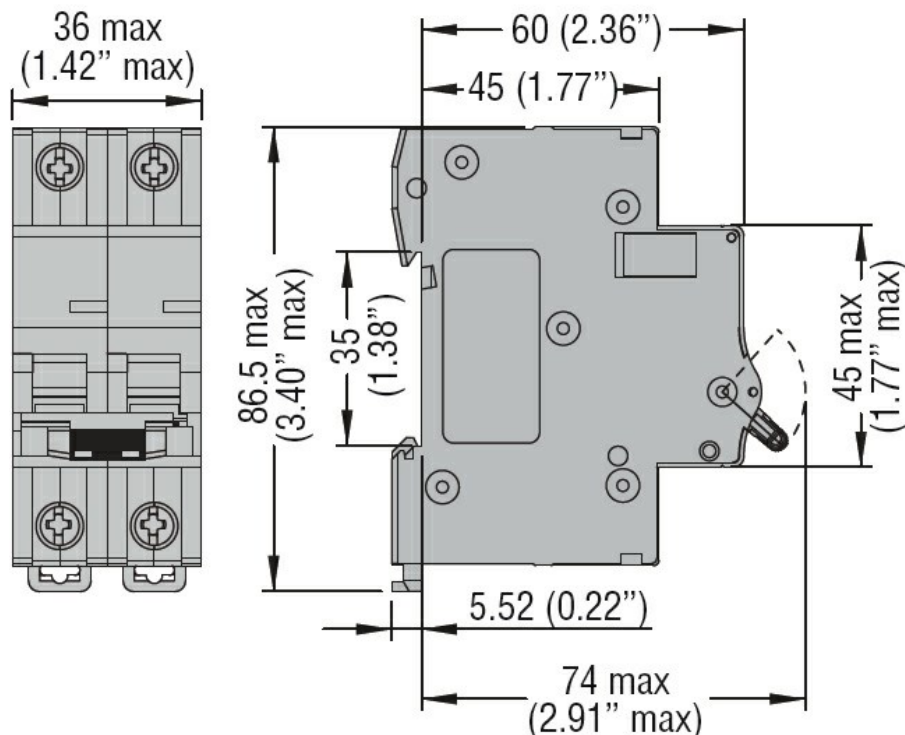
Pollution degree

2

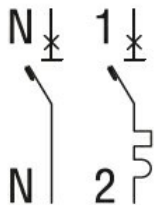
Grid distance as per Annex H.1 of IEC/EN60898-1 standard

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)