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| Due do est de siem estica | | | Miniature circuit |
| Product designation | | | breaker (MCB) |
| Product type designation | | | P1 MB |
| Number of poles | | | 1P+N |
| Number of DIN modules | | | 2 |
| Compliance | | | IEC |
| Electrical features | | | |
| Rated insulation voltage Ui IEC/EN | | V | 440 |
| Rated impulse withstand voltage Uimp | | kV | 4 |
| Rated operational voltage AC (IEC) | | VAC | 230/400 |
| Rated frequency | | Hz | 50/60 |
| Rated current (In) | | Α | 1 |
| Tripping curve | | | С |
| Short circuit rating (IEC) | | kA | 6 |
| Electrical life | | cycles | 10000 |
| Power dissipation per pole max | | W | 1.07 |
| Ambient conditions | | | |
| Operating temperature | | | |
| | min | °C | -40 |
| | max | °C | +70 |
| Storage temperature | | | |
| 3 | min | °C | -40 |
| | max | °C | +80 |
| | IIIax | | |
| Max altitude | IIIdx | | |
| Max altitude Mechanical features | Шах | m | 2000 |
| Mechanical features | Шах | | |
| | | | 2000 |
| Mechanical features Operating position | normal | | 2000 Vertical plan |
| Mechanical features Operating position Fixing | | | 2000 |
| Mechanical features Operating position | normal | m | Vertical plan 35mm DIN rail |
| Mechanical features Operating position Fixing | | | 2000 Vertical plan |
| Mechanical features Operating position Fixing | normal | m Nm | Vertical plan 35mm DIN rail |
| Mechanical features Operating position Fixing | normal min max min | M Nm Nm Ibin | Vertical plan 35mm DIN rail 1.8 2 16 |
| Mechanical features Operating position Fixing | normal min max | m Nm Nm | Vertical plan 35mm DIN rail 1.8 2 |
| Mechanical features Operating position Fixing Tightening torque for terminals | normal min max min | M Nm Nm Ibin | Vertical plan 35mm DIN rail 1.8 2 16 17.7 |
| Mechanical features Operating position Fixing Tightening torque for terminals Terminals tool | normal min max min | M Nm Nm Ibin | Vertical plan 35mm DIN rail 1.8 2 16 17.7 |
| Mechanical features Operating position Fixing Tightening torque for terminals Terminals tool Conductor section | normal min max min | M Nm Nm Ibin | Vertical plan 35mm DIN rail 1.8 2 16 17.7 |
| Mechanical features Operating position Fixing Tightening torque for terminals Terminals tool Conductor section | normal min max min max | Nm Nm Ibin Ibin | Vertical plan 35mm DIN rail 1.8 2 16 17.7 Pz 2 |
| Mechanical features Operating position Fixing Tightening torque for terminals Terminals tool Conductor section | normal min max min max | M Nm Nm Ibin Ibin | Vertical plan 35mm DIN rail 1.8 2 16 17.7 Pz 2 |
| Mechanical features Operating position Fixing Tightening torque for terminals Terminals tool Conductor section IEC | normal min max min max | M Nm Nm Ibin Ibin | Vertical plan 35mm DIN rail 1.8 2 16 17.7 Pz 2 |
| Mechanical features Operating position Fixing Tightening torque for terminals Terminals tool Conductor section IEC | normal min max min max min max | M Nm Nm Ibin Ibin | 2000 Vertical plan 35mm DIN rail 1.8 2 16 17.7 Pz 2 |
| Mechanical features Operating position Fixing Tightening torque for terminals Terminals tool Conductor section IEC | normal min max min max min max min max | M Nm Nm Ibin Ibin | 2000 Vertical plan 35mm DIN rail 1.8 2 16 17.7 Pz 2 1 35 |
| Mechanical features Operating position Fixing Tightening torque for terminals Terminals tool Conductor section IEC AWG/Kcmil | normal min max min max min max min max | M Nm Nm Ibin Ibin mm² mm² | 2000 Vertical plan 35mm DIN rail 1.8 2 16 17.7 Pz 2 1 35 |
| Mechanical features Operating position Fixing Tightening torque for terminals Terminals tool Conductor section IEC AWG/Kcmil | normal min max min max min max min max | Nm Nm Ibin Ibin | 2000 Vertical plan 35mm DIN rail 1.8 2 16 17.7 Pz 2 1 35 14 6 20000 |
| Mechanical features Operating position Fixing Tightening torque for terminals Terminals tool Conductor section IEC AWG/Kcmil Mechanical life Weight | normal min max min max min max min max | M Nm Nm Ibin Ibin mm² mm² | 2000 Vertical plan 35mm DIN rail 1.8 2 16 17.7 Pz 2 1 35 14 6 20000 190 |



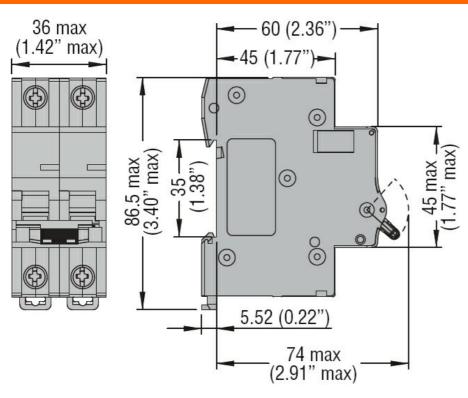
ENERGY AND AUTOMATION

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

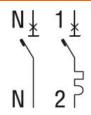
mm

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)