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|--|--|-------|---------------|
| 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 Ui IEC/EN | V | 440 | |
| Rated impulse withstand voltage Uimp | kV | 4 | |
| Rated operational voltage AC (IEC) | VAC | 230 | |
| Rated operational voltage DC | VDC | 80 | |
| Rated frequency | Hz | 50/60 | |
| Rated current (In) | A | 1.6 | |
| Tripping curve | | D | |
| Short circuit rating (IEC) | kA | 10 | |
| Limiting class | | 3 | |
| Electrical life | cycles | 10000 | |
| Power dissipation per pole max | W | 1.07 | |
| 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 |
| | | | 35mm DIN rail |
| Fixing | | | |
| 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 | mm² | 1 |
| | max | mm² | 35 |
| | AWG/Kcmil | | |
| | min | | 14 |
| | max | kcmil | 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 | |
| ETIM classification | | | |
| ETIM 8.0 | EC000042 - Miniature circuit breaker (MCB) | | |