# P1MB2PC01V6

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|---|---|---|---|
| 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 Ui IEC/EN | | V | 440 |
| Rated impulse withstand voltage Uimp | | kV | 4 |
| Rated operational voltage AC (IEC) | | VAC | 230/400 |
| Rated operational voltage DC | | VDC | 80 |
| Rated frequency | | Hz | 50/60 |
| Rated current (In) | | A | 1.6 |
| Tripping curve | | | C |
| Short circuit rating (IEC) | | kA | 10 |
| 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 |
| 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 | mm² | 1 |
| | max | mm² | 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 |
| **ETIM classification** | | | |
| ETIM 8.0 | | | EC000042 - Miniature circuit breaker (MCB) |