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|--------------------------|---------------------------------|
| Product designation | Miniature circuit breaker (MCB) |
| Product type designation | P1 MB |
| Number of poles | 3P |
| Number of DIN modules | 3 |
| Compliance | IEC / UL1077 |

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 operational voltage DC | VDC | 80 |
| Rated frequency | Hz | 50/60 |
| Rated current (I_n) | A | 3 |
| Tripping curve | | D |
| Short circuit rating (IEC) | kA | 10 |
| Electrical life | cycles | 10000 |
| Power dissipation per pole max | W | 0.96 |

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 | 345 |
| Frontal IP degree | | | IP20 | |

Pollution degree

2

Certifications and compliance

Compliance

CSA C22.2 n°235. UR "UL Recognized" per Canada e USA.

IEC/EN 60898-1

IEC/EN 60947-2

UL 1077

Certifications

cURus

EAC

TÜV-Rheinland

ETIM classification

ETIM 8.0

EC000042 -
Miniature circuit
breaker (MCB)