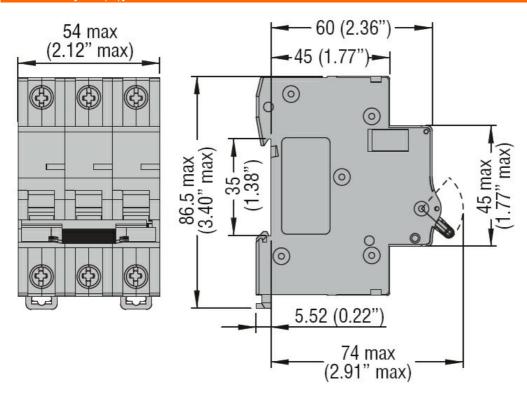




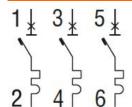
| Product type designation Final interior circuit breaker (MCB) breaker (MCB) Product type designation 9P 11 MB Number of poles 3P Number of poles 13 Number of DIN modules 18C 7UL1077 Compliance IEC / UL1077 Electrical features V 440 Rated insulation voltage Uirip kV 4 Rated insulation voltage AC (IEC) VAC 230/400 Rated frequency Hz 50/60 Rated frequency L C Rated frequency L C Rated current (In) A 1 Tripping curve C C Short circuit rating (IEC) kA 10 Electrical life cycles 1000 Power dissipation per pole max W 1.07 Amax C -40 producting temperature min C -40 Max altitude m 20 -40 Mechanical features vcclean type in the production of the production of the production | | | | of State of the St |
|--|------------------------------------|--------|--------|--|
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| Number of DIN modules 3 Compliance IEC / UL1077 Electrical features V 440 Rated insulation voltage UI IEC/EN V 40 Rated insulation voltage UII EC/EN VX 200/400 Rated operational voltage AC (IEC) XKV 200/400 Rated frequency Hz 50/60 Rated frequency R 1 Rated frequency KA 10 Power dissipation KA 10 Maximum frequency KA 10 Mechanical features KM 2 Porating position Minima | Product type designation | | | P1 MB |
| Compliance IEC / UL1077 Electrical features ✓ 440 Rated insulation voltage Ulinp kV 4 Rated insulation voltage AC (IEC) VAC 230/400 Rated operational voltage AC (IEC) VAC 230/400 Rated doperational voltage AC (IEC) A 1 Rated current (In) A 1 Tripping curve BA 10 Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Power dissipation per pole max W 1.07 Ambient conditions w 1.07 Operating temperature min °C 440 max re v v Max altitude m 2000 Mechanical features min °C v Operating position monal v vertical plan Fixing nommal v v v Fixing nommal v v v v v | Number of poles | | | 3P |
| Rated insulation voltage Ui IEC/EN | Number of DIN modules | | | 3 |
| Rated insulation voltage Ui IEC/EN | Compliance | | | IEC / UL1077 |
| Rated impulse withstand voltage Limp | | | | |
| Rated impulse withstand voltage Limp | Rated insulation voltage Ui IEC/EN | | V | 440 |
| Rated operational voltage AC (IEC) | | | kV | 4 |
| Rated frequency Hz 50/60 Rated current (In) A 1 Tripping curve C C Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Power dissipation per pole max W 1.07 Ambient conditions W 1.07 Operating temperature min °C -40 Max a comparature min °C -40 Mechanical features min °C -40 Mechanical features min °C -40 Operating position mormal Vertical plan 35mm DIN rail Fixing 35mm DIN rail 35mm DIN rail Tightening torque for terminals min Nm 1.8 max Nm 2 2 Conductor section min lin 16 AWG/Kcmil min mm 14 AWG/Kcmil min max min min min min min < | <u> </u> | | VAC | 230/400 |
| Rated current (In) A 1 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 Max altitude min °C -40 Mechanical features min °C -40 Operating position normal Vertical plan Fixing 35mm DIN rail Tightening torque for terminals min Nm 1.8 max Nm 2.8 1.8 max Nm 2.8 1.8 Terminals tool min 10 16 1.7 Terminals tool min min 17.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 | | | | |
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| Min m | , , , | | | |
| Min m | Operating temperature | | | |
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| Max altitude min max °C +80 Max altitude m 2000 Mechanical features normal Vertical plan Fixing 35mm DIN rail Tightening torque for terminals min Nm 1.8 max Nm 2 max Nm 2 max Nm 2 max 1bin 16 max 1bin 16 max 1bin 17.7 Terminals tool Pz 2 Conductor section IEC min mm mm² 1 max mm² 35 AWG/Kcmil Mechanical life cycles 20000 Weight g 345 Frontal IP degree IP20 | | | °C | +70 |
| Max altitude min max °C +80 Max altitude m 2000 Mechanical features normal Vertical plan Fixing 35mm DIN rail Tightening torque for terminals min Nm 1.8 max Nm 2 max Nm 2 max Nm 2 max 1bin 16 max 1bin 16 max 1bin 17.7 Terminals tool Pz 2 Conductor section IEC min mm mm² 1 max mm² 35 AWG/Kcmil Mechanical life cycles 20000 Weight g 345 Frontal IP degree IP20 | Storage temperature | | | |
| 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 2 min lbin 16 17.7 Terminals tool Pz 2 Conductor section IEC min mm² 1 | | min | °C | -40 |
| Mechanical features Operating position Fixing 35mm DIN rail Tightening torque for terminals min Nm Nm 1.8 max Nm 2 mm 2 min loin 16 max loin 17.7 Terminals tool Pz 2 Conductor section IEC min mm² 1 max mm² 35 AWG/Kcmil Mechanical life cycles 20000 Mechanical life cycles 20000 Weight g 345 Frontal IP degree IP20 | | max | °C | +80 |
| Operating position Fixing 35mm DIN rail Tightening torque for terminals min Nm Nm 1.8 max Nm 2 min lbin 16 max lbin 17.7 Terminals tool Pz 2 Conductor section IEC min mm² 1 nm² 1 nm² 35 AWG/Kcmil min min mm² 35 AWG/Kcmil min nm² 14 max 6 Mechanical life cycles 20000 Weight g 345 Frontal IP degree IP20 | Max altitude | | m | 2000 |
| Fixing 35mm DIN rail Tightening torque for terminals min max max max max max min lbin max mm² lamax mm² day max max mm² day max max day max max day max da | Mechanical features | | | |
| Fixing 35mm DIN rail Tightening torque for terminals min max max max max max min lbin max mm² lamax mm² day max max mm² day max max day max max day max da | Operating position | | | |
| Fixing 35mm DIN rail Tightening torque for terminals min max max Nm 2 min lbin 16 max lbin 17.7 Terminals tool Pz 2 Conductor section IEC min max mm² max mm² 35 1 min max mm² 35 AWG/Kcmil min max 6 Mechanical life cycles 20000 Weight g 345 Frontal IP degree IP20 | | normal | | Vertical plan |
| Mechanical life Min | Fixing | | | 35mm DIN rail |
| Mechanical life Min | | | | |
| min min max Ibin libin lib | | min | Nm | 1.8 |
| Terminals tool | | max | Nm | 2 |
| Terminals tool | | min | Ibin | 16 |
| IEC | | max | Ibin | 17.7 |
| IEC | Terminals tool | | | Pz 2 |
| Mechanical life cycles 20000 Weight g 345 Frontal IP degree IP20 | Conductor section | | | |
| AWG/Kcmil max mm² 35 min max 14 6 Mechanical life cycles 20000 Weight g 345 Frontal IP degree IP20 | IEC | | | |
| AWG/Kcmil min max 14 max 6 Mechanical life cycles 20000 Weight g 345 Frontal IP degree IP20 | | min | mm² | 1 |
| min max 14 max 6 Mechanical life cycles 20000 Weight g 345 Frontal IP degree IP20 | | max | mm² | 35 |
| Mechanical life cycles 20000 Weight g 345 Frontal IP degree IP20 | AWG/Kcmil | | | |
| Mechanical lifecycles20000Weightg345Frontal IP degreeIP20 | | min | | |
| Weight g 345 Frontal IP degree IP20 | | max | | 6 |
| Frontal IP degree IP20 | Mechanical life | | cycles | 20000 |
| | Weight | | g | 345 |
| Pollution degree 2 | Frontal IP degree | | | |
| | Pollution degree | | | 2 |



Dimensions [mm (in)]



Wiring diagrams



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)

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