



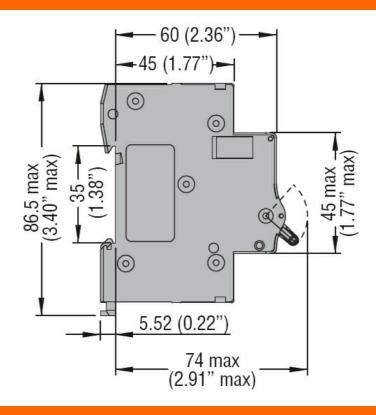
Product type designation Minital ture circuit breaker (MCB) breaker (MCB) Product type designation P1 MB Number of poles 4P Number of DIN modules 1EC / UL1077 Compliance IEC / UL1077 Electrical features V 440 Rated insulation voltage Uil EC/EN kV 440 Rated impulse withstand voltage Uimp kV 230/400 Rated frequency Hz 50/60 Rated current (In) A 16 Tripping curve KA 10 Short circuit rating (IEC) kA 10 Limiting class S 3 Electrical life cycles 10000 Power dissipation per pole max W 1.69 Ambient conditions W 1.69 Correction type of the max m 60 Ambient conditions m 60 Correction type of the max m 60 Ambient conditions m 60 Storage temperature m 60 40
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Max altitude m 2000 Mechanical features Operating position normal Vertical plan Fixing 35mm DIN rail
Mechanical features Operating position normal Fixing Vertical plan 35mm DIN rail
Operating position normal Vertical plan Fixing 35mm DIN rail
Fixing normal Vertical plan 35mm DIN rail
Fixing 35mm DIN rail
Tightening torque for terminals
min Nm 1.8
max Nm 2
min Ibin 16
max Ibin 17.7
Terminals tool Pz 2
Conductor section
IEC
min mm² 1
max mm ² 35
AWG/Kcmil
min 14
max kcmil 6
Mechanical life cycles 20000
Weight g 460
Frontal IP degree IP20



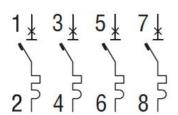
ENERGY AND AUTOMATION

Pollution degree		2
Grid distance as per Annex H.1 of IEC/EN60898-1 standard	mm	60
Dimensions		

72 max (2.83" max)



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)