



Product designation

Miniature circuit
breaker (MCB)

Product type designation

P1 MB

Number of poles

4P

Number of DIN modules

4

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 frequency	Hz	50/60
Rated current (I_n)	A	50
Tripping curve		D
Short circuit rating (IEC)	kA	10
Electrical life	cycles	10000
Power dissipation per pole max	W	3.5

Ambient conditions

Operating temperature	min	°C	-40
	max	°C	+70
Storage temperature	min	°C	-40
	max	°C	+80
Max altitude	m		2000

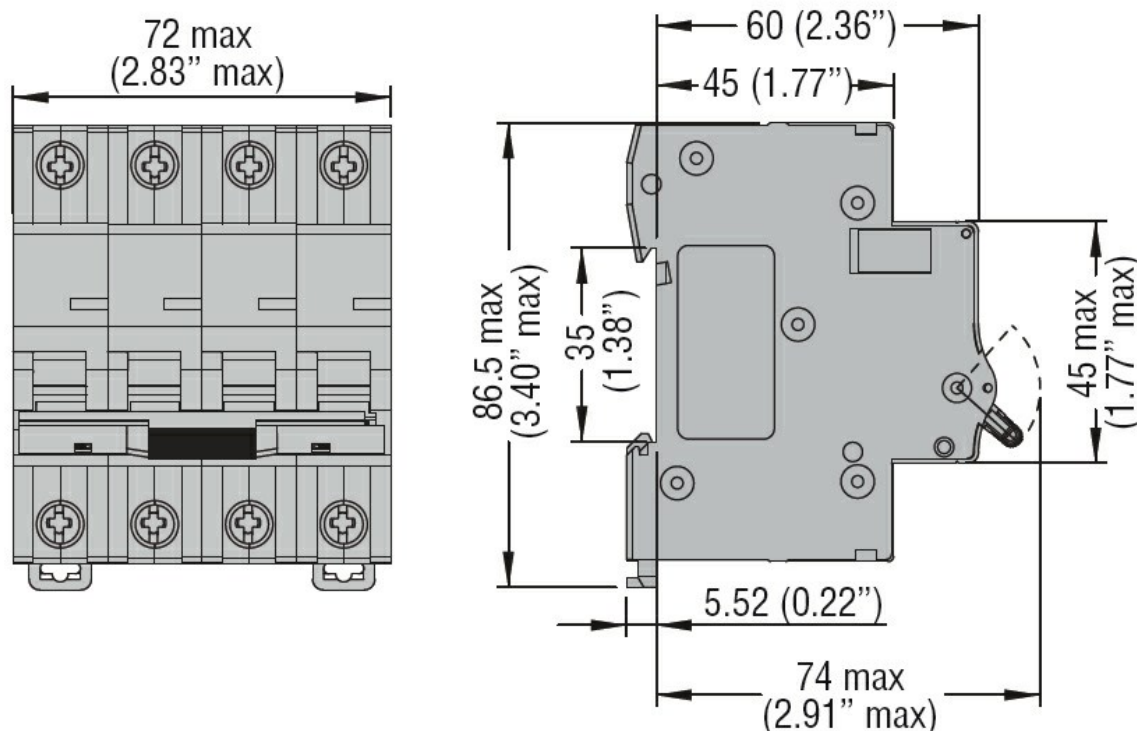
Mechanical features

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	460	
Frontal IP degree		IP20		
Pollution degree		2		

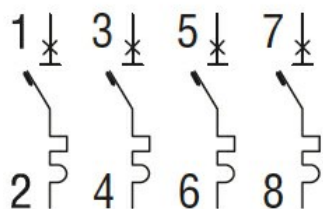
Grid distance as per Annex H.1 of IEC/EN60898-1 standard

mm 60

Dimensions



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 -
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