



Product designation

Miniature circuit
breaker (MCB)

Product type designation

P1 MB

Number of poles

1P+N

Number of DIN modules

1

Compliance

IEC

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
Rated frequency	Hz	50/60
Rated current (I_n)	A	40
Tripping curve		C
Short circuit rating (IEC)	kA	6
Electrical life	cycles	10000
Power dissipation per pole max	W	3.84

Ambient conditions

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

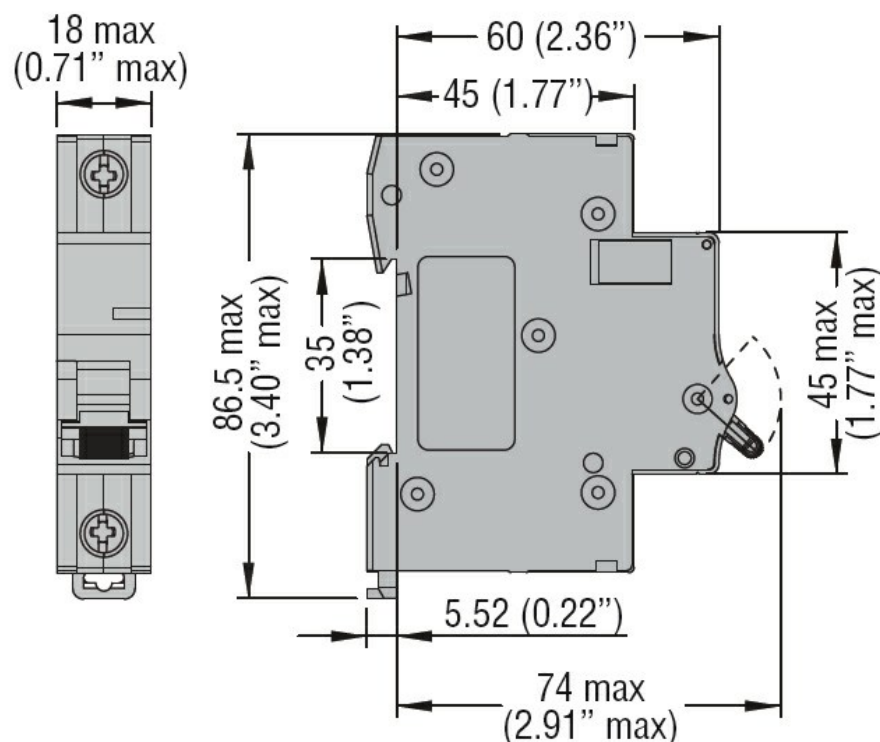
Mechanical features

Operating position		normal		Vertical plan
Fixing		35mm DIN rail		
Tightening torque for terminals		min	Nm	1.1
		max	Nm	1.2
		min	lbin	9.7
		max	lbin	10.6
Terminals tool		Pz 2		
Conductor section				
IEC		min	mm²	1
		max	mm²	16
AWG/Kcmil		min		14
		max		6
Mechanical life			cycles	20000
Weight			g	115
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

IEC/EN 60898-1

IEC/EN 60947-2

Certifications

EAC

TÜV-Rheinland

ETIM classification

ETIM 8.0

EC000042 -
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