



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	10
Tripping curve		C
Short circuit rating (IEC)	kA	6
Electrical life	cycles	10000
Power dissipation per pole max	W	1.25

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	mm ²	1
max	mm ²	16

AWG/Kcmil

min		14
max		6

Mechanical life

cycles 20000

Weight

g 115

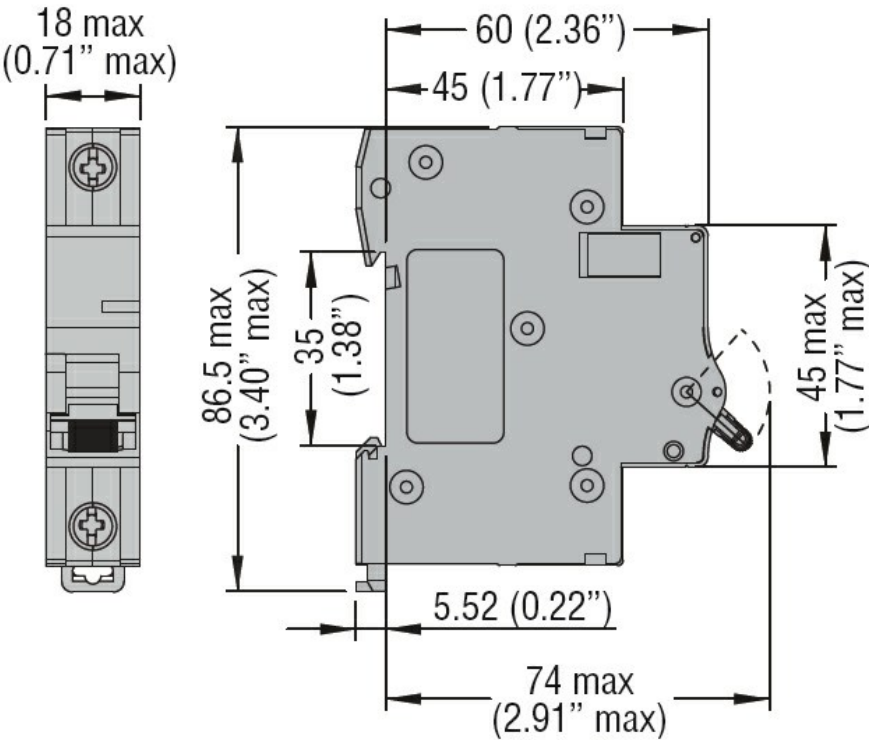
Frontal IP degree

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 - Miniature circuit breaker (MCB)
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