



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	25
Tripping curve		C
Short circuit rating (IEC)	kA	6
Limiting class		3
Electrical life	cycles	10000
Power dissipation per pole max	W	2.13

Ambient conditions

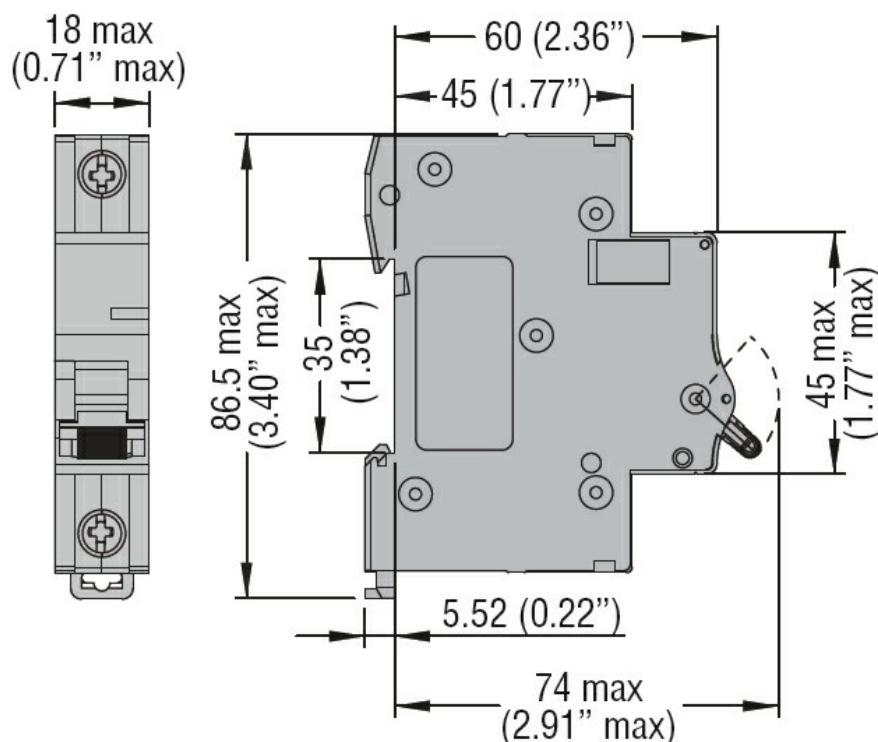
Operating temperature	min	°C	-40
	max	°C	+70
Storage temperature	min	°C	-40
	max	°C	+80
Max altitude	m		2000

Mechanical features

Operating position	normal		Vertical plan
			35mm DIN rail
Fixing			
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	kcmil	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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