



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	16
Tripping curve		C
Short circuit rating (IEC)	kA	6
Electrical life	cycles	10000
Power dissipation per pole max	W	1.69

### Ambient conditions

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

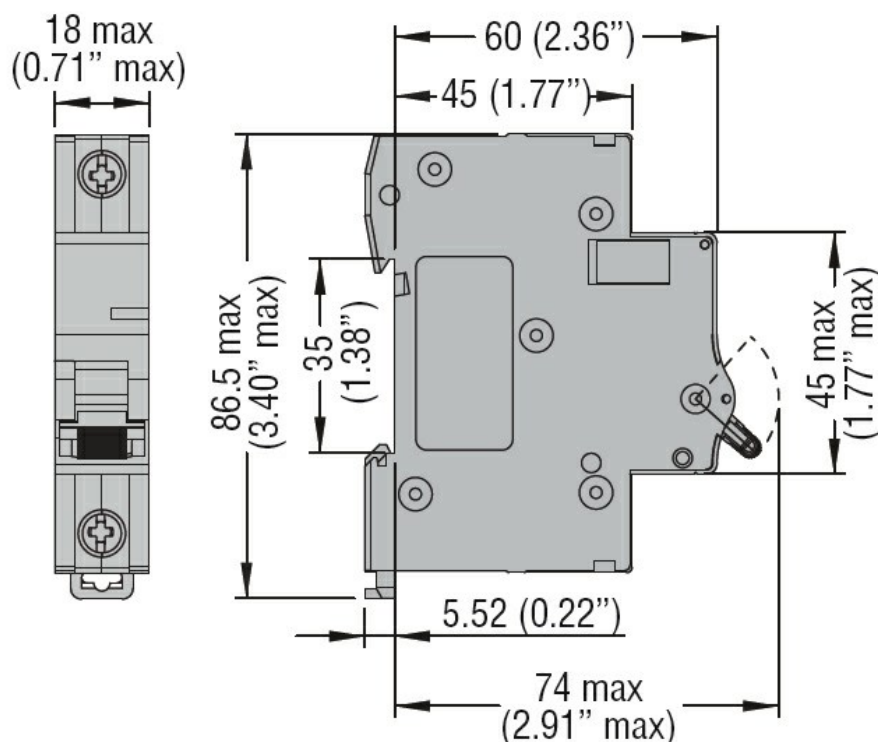
### Mechanical features

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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