



Product designation

Miniature circuit  
breaker (MCB)

Product type designation

P1 MB

Number of poles

1P+N

Number of DIN modules

2

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	230/400
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

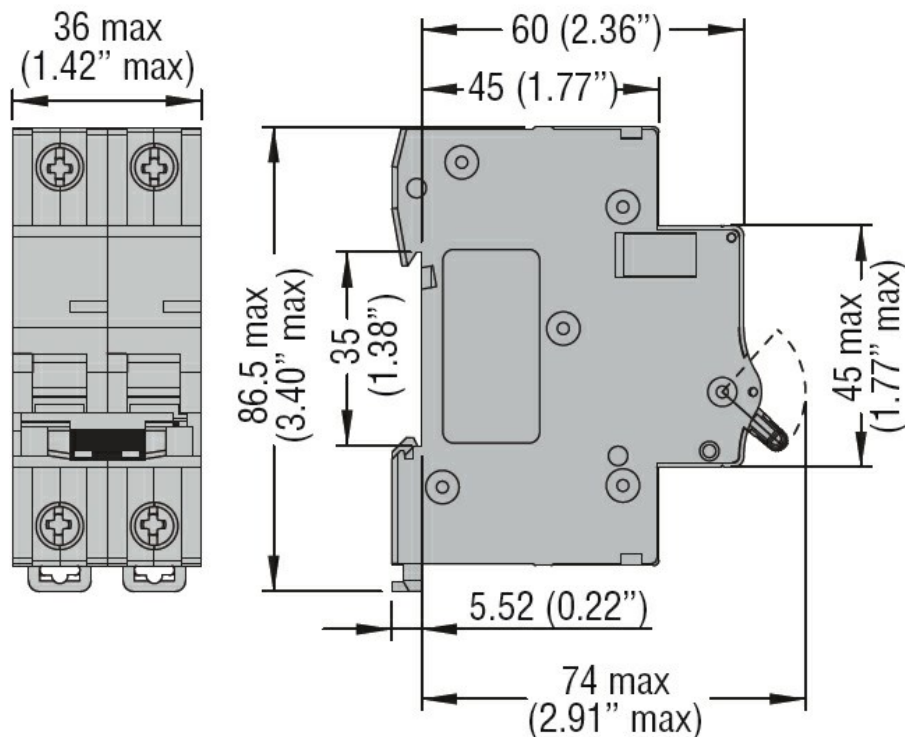
### Mechanical features

Operating position		normal		Vertical plan
Fixing		35mm DIN rail		
Tightening torque for terminals		min	Nm	1.8
		max	Nm	2
		min	Ibin	16
		max	Ibin	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	190	
Frontal IP degree		IP20		
Pollution degree		2		

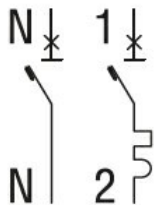
Grid distance as per Annex H.1 of IEC/EN60898-1 standard

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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