

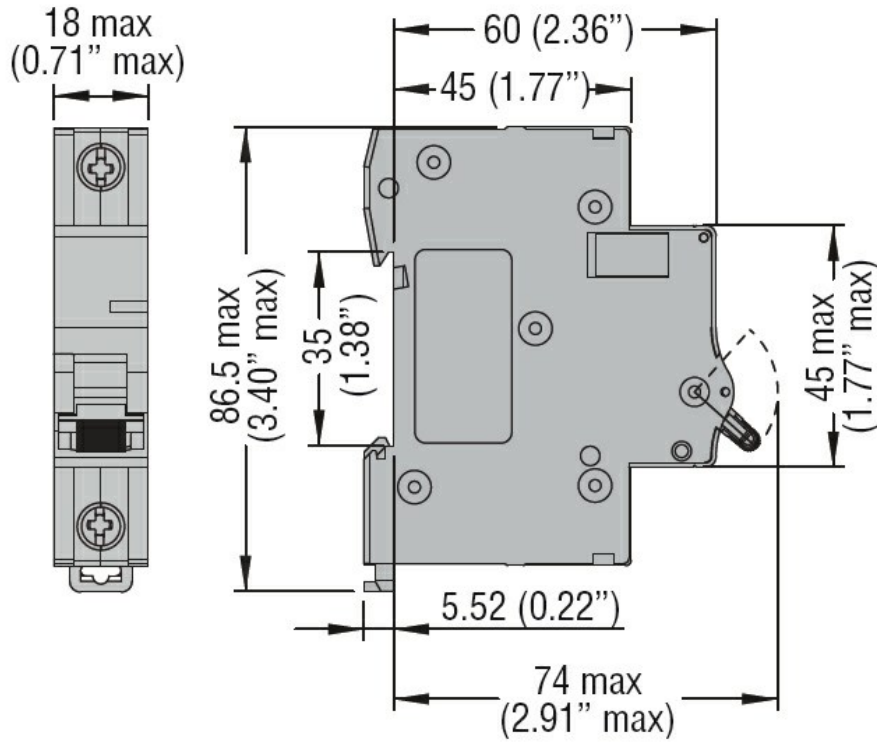


Product designation	Miniature circuit breaker (MCB)			
Product type designation	P1 MB			
Number of poles	1P+N			
Number of DIN modules	1			
Compliance	IEC			
<b>Electrical features</b>				
Rated insulation voltage $U_i$ IEC/EN	V	440		
Rated impulse withstand voltage $U_{imp}$	kV	4		
Rated operational voltage AC (IEC)	VAC	230		
Rated frequency	Hz	50/60		
Rated current ( $I_n$ )	A	6		
Tripping curve		B		
Short circuit rating (IEC)	kA	6		
Electrical life	cycles	10000		
Power dissipation per pole max	W	1.04		
<b>Ambient conditions</b>				
Operating temperature	min	°C	-40	
	max	°C	+70	
Storage temperature	min	°C	-40	
	max	°C	+80	
Max altitude		m	2000	
<b>Mechanical features</b>				
Operating position	normal		Vertical plan	
			35mm DIN rail	
Fixing	35mm DIN rail			
Tightening torque for terminals	min	Nm	1.1	
	max	Nm	1.2	
	min	Ibin	9.7	
	max	Ibin	10.6	
Terminals tool	Pz 2			
Conductor section	IEC	min	mm <sup>2</sup>	1
		max	mm <sup>2</sup>	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)