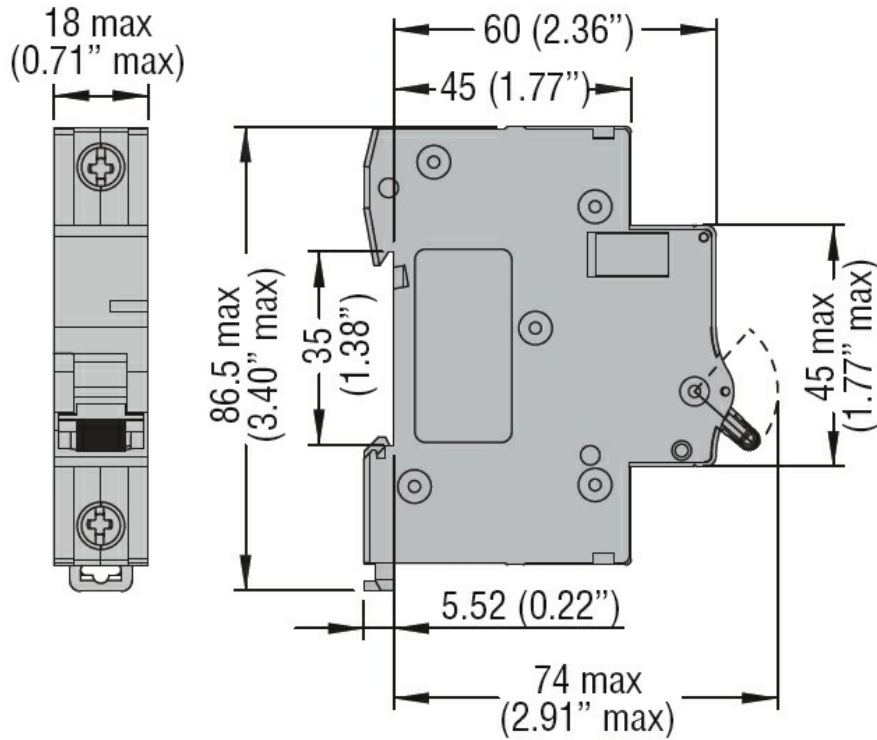




Product designation	Miniature circuit breaker (MCB)		
Product type designation	P1 MB		
Number of poles	1P+N		
Number of DIN modules	1		
Compliance	IEC		
<b>Electrical features</b>			
Rated insulation voltage $U_i$ IEC/EN	V	440	
Rated impulse withstand voltage $U_{imp}$	kV	4	
Rated operational voltage AC (IEC)	VAC	230	
Rated frequency	Hz	50/60	
Rated current ( $I_n$ )	A	16	
Tripping curve	C		
Short circuit rating (IEC)	kA	6	
Electrical life	cycles	10000	
Power dissipation per pole max	W	1.69	
<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		

**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)