

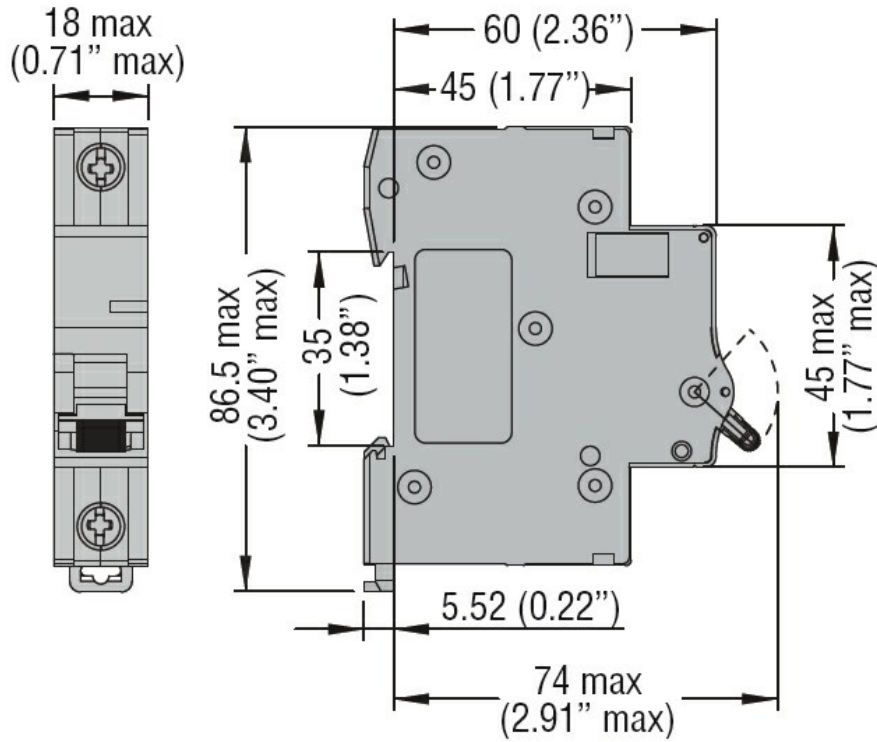


Product designation	Miniature circuit breaker (MCB)			
Product type designation	P1 MB			
Number of poles	1P+N			
Number of DIN modules	1			
Compliance	IEC			
Electrical features				
Rated insulation voltage U_i IEC/EN	V	440		
Rated impulse withstand voltage U_{imp}	kV	4		
Rated operational voltage AC (IEC)	VAC	230		
Rated frequency	Hz	50/60		
Rated current (I_n)	A	10		
Tripping curve	C			
Short circuit rating (IEC)	kA	6		
Electrical life	cycles	10000		
Power dissipation per pole max	W	1.25		
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	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 ²	1
		max	mm ²	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)