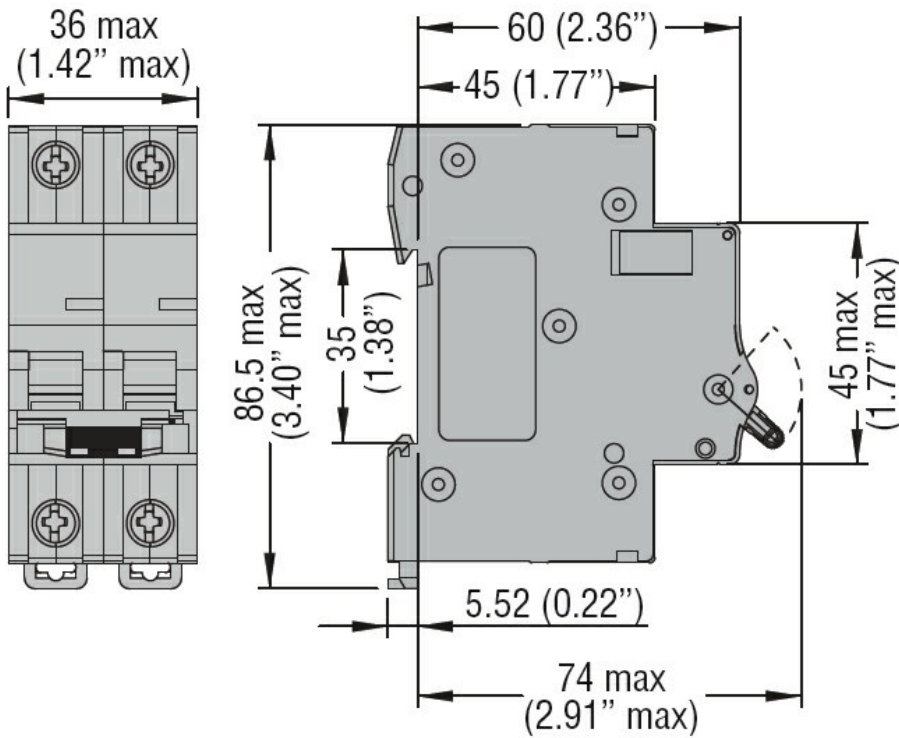


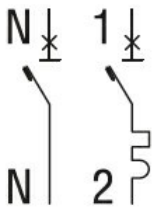


Product designation	Miniature circuit breaker (MCB)		
Product type designation	P1 MB		
Number of poles	1P+N		
Number of DIN modules	2		
Compliance	IEC		
<b>Electrical features</b>			
Rated insulation voltage $U_i$ IEC/EN	V	440	
Rated impulse withstand voltage $U_{imp}$	kV	4	
Rated operational voltage AC (IEC)	VAC	230/400	
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	
<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	1.8
	max	Nm	2
	min	Ibin	16
	max	Ibin	17.7
Terminals tool	Pz 2		
Conductor section	IEC		
	min	mm <sup>2</sup>	1
	max	mm <sup>2</sup>	35
	AWG/Kcmil		
	min		14
	max		6
Mechanical life		cycles	20000
Weight		g	190
Frontal IP degree	IP20		
Pollution degree	2		

Dimensions [mm (in)]



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)