

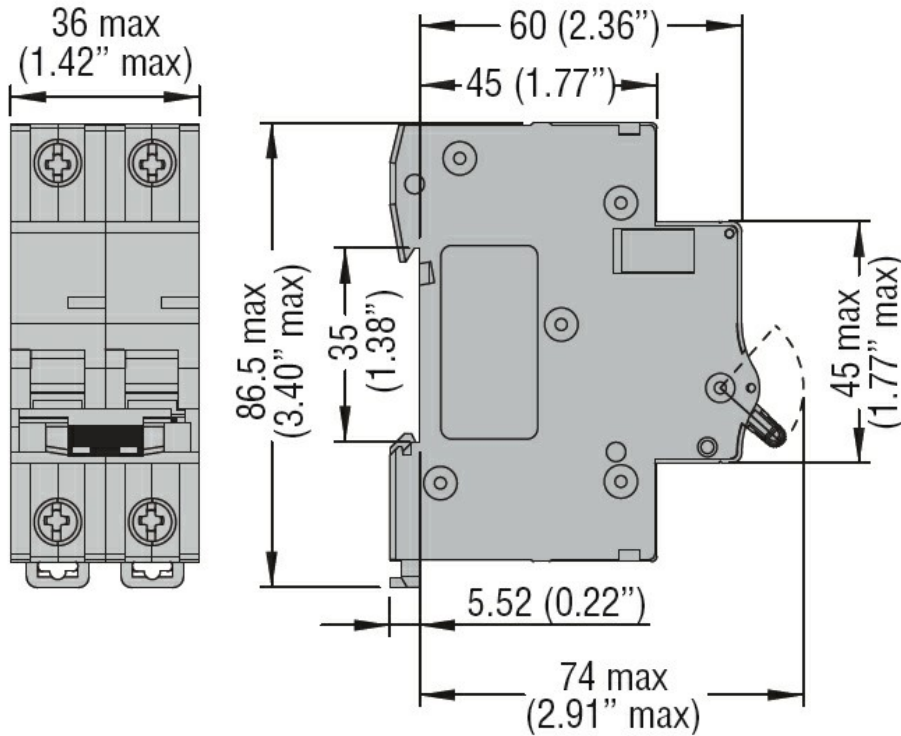


Product designation	Miniature circuit breaker (MCB)		
Product type designation	P1 MB		
Number of poles	1P+N		
Number of DIN modules	2		
Compliance	IEC		
<b>Electrical features</b>			
Rated insulation voltage $U_i$ IEC/EN	V	440	
Rated impulse withstand voltage $U_{imp}$	kV	4	
Rated operational voltage AC (IEC)	VAC	230/400	
Rated frequency	Hz	50/60	
Rated current ( $I_n$ )	A	1	
Tripping curve	C		
Short circuit rating (IEC)	kA	6	
Electrical life	cycles	10000	
Power dissipation per pole max	W	1.07	
<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		

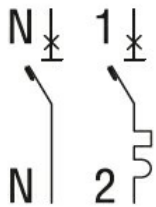
Grid distance as per Annex H.1 of IEC/EN60898-1 standard

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)