

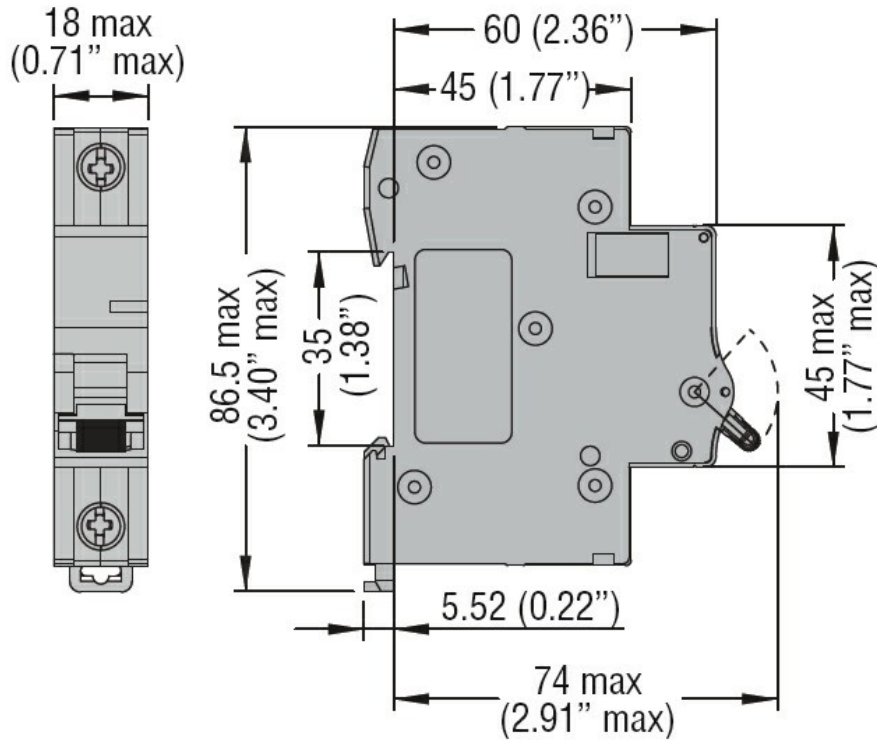


Product designation	Miniature circuit breaker (MCB)				
Product type designation	P1 MB				
Number of poles	1P				
Number of DIN modules	1				
Compliance	IEC / UL1077				
<b>Electrical features</b>					
Rated insulation voltage $U_i$ IEC/EN	V	440			
Rated impulse withstand voltage $U_{imp}$	kV	4			
Rated operational voltage AC (IEC)	VAC	230			
Rated operational voltage DC	VDC	80			
Rated frequency	Hz	50/60			
Rated current ( $I_n$ )	A	32			
Tripping curve	C				
Short circuit rating (IEC)	kA	10			
Electrical life	cycles	10000			
Power dissipation per pole max	W	2.46			
<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			
Fixing	35mm DIN rail				
Tightening torque for terminals	min	Nm	1.8		
	max	Nm	2		
	min	lbin	16		
	max	lbin	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 115
Frontal IP degree			IP20		

Pollution degree

2

**Dimensions [mm (in)]**



**Wiring diagrams**



**Certifications and compliance**

Compliance

CSA C22.2 n°235. UR "UL Recognized" per Canada e USA.

IEC/EN 60898-1

IEC/EN 60947-2

UL 1077

Certifications

cURus

EAC

TÜV-Rheinland

**ETIM classification**

ETIM 8.0

EC000042 -  
 Miniature circuit  
 breaker (MCB)