

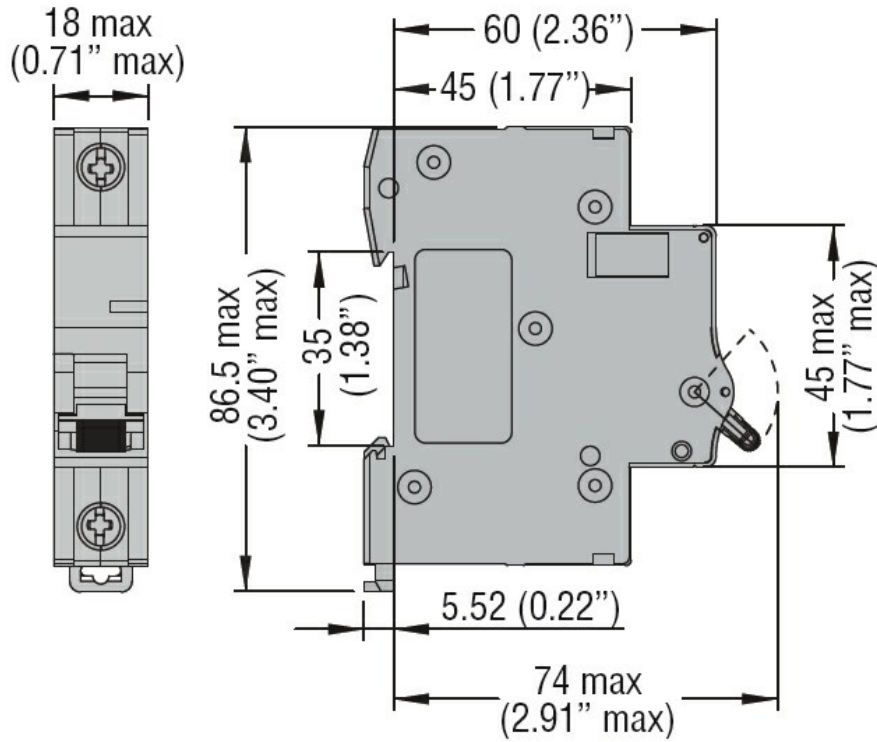


Product designation	Miniature circuit breaker (MCB)					
Product type designation	P1 MB					
Number of poles	1P					
Number of DIN modules	1					
Compliance	IEC / UL1077					
Electrical features						
Rated insulation voltage U_i IEC/EN	V	440				
Rated impulse withstand voltage U_{imp}	kV	4				
Rated operational voltage AC (IEC)	VAC	230				
Rated operational voltage DC	VDC	80				
Rated frequency	Hz	50/60				
Rated current (I_n)	A	50				
Tripping curve	C					
Short circuit rating (IEC)	kA	10				
Electrical life	cycles	10000				
Power dissipation per pole max	W	3.5				
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				
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 ²	1		
		max	mm ²	35		
	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

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)