

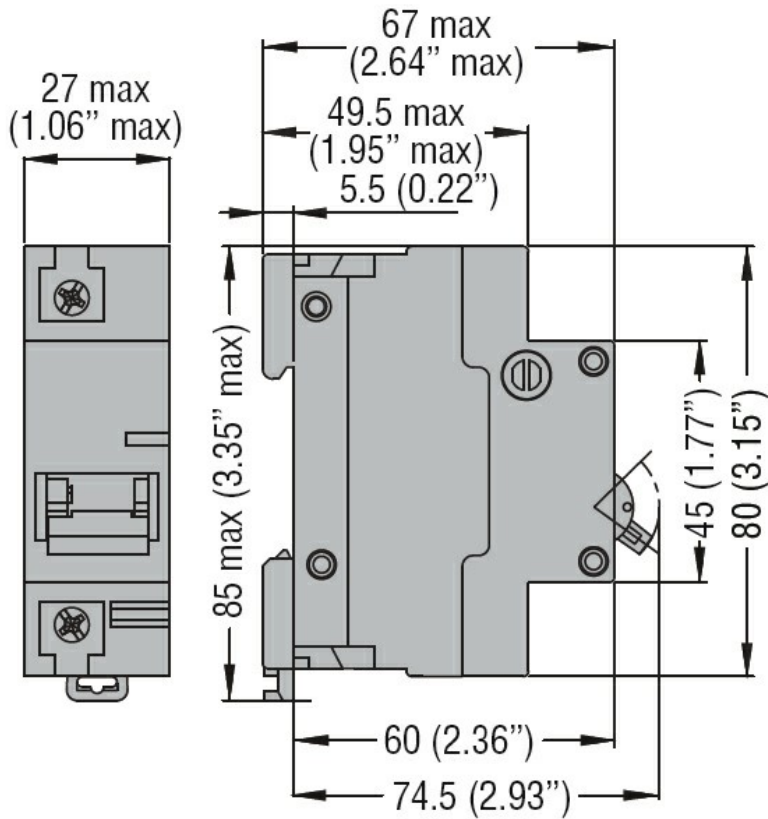


Product designation	Miniature circuit breaker (MCB)				
Product type designation	P2 MB				
Number of poles	1P				
Number of DIN modules	1.5				
Compliance	IEC / UL1077				
Electrical features					
Rated insulation voltage U_i IEC/EN	V	400			
Rated impulse withstand voltage U_{imp}	kV	6			
Rated operational voltage AC (IEC)	VAC	230/400			
Rated operational voltage DC	VDC	80			
Rated frequency	Hz	50/60			
Rated current (I_n)	A	100			
Tripping curve	C				
Short circuit rating (IEC)	kA	10			
Electrical life	cycles	10000			
Power dissipation per pole max	W	14			
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	3.2		
	max	Nm	3.5		
	min	lbin	28.3		
	max	lbin	31		
Terminals tool	Pz 2				
Conductor section	IEC	min	mm ²	2.5	
		max	mm ²	50	
	AWG/Kcmil	min	14		
		max	1/0		
		Mechanical life		cycles	10000
		Weight		g	166
Frontal IP degree		IP20			

Pollution degree

3

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

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

IEC/EN 60947-2

UL 1077

Certifications

cURus

EAC

TÜV-Rheinland

ETIM classification

ETIM 8.0

EC000042 -
Miniature circuit
breaker (MCB)