

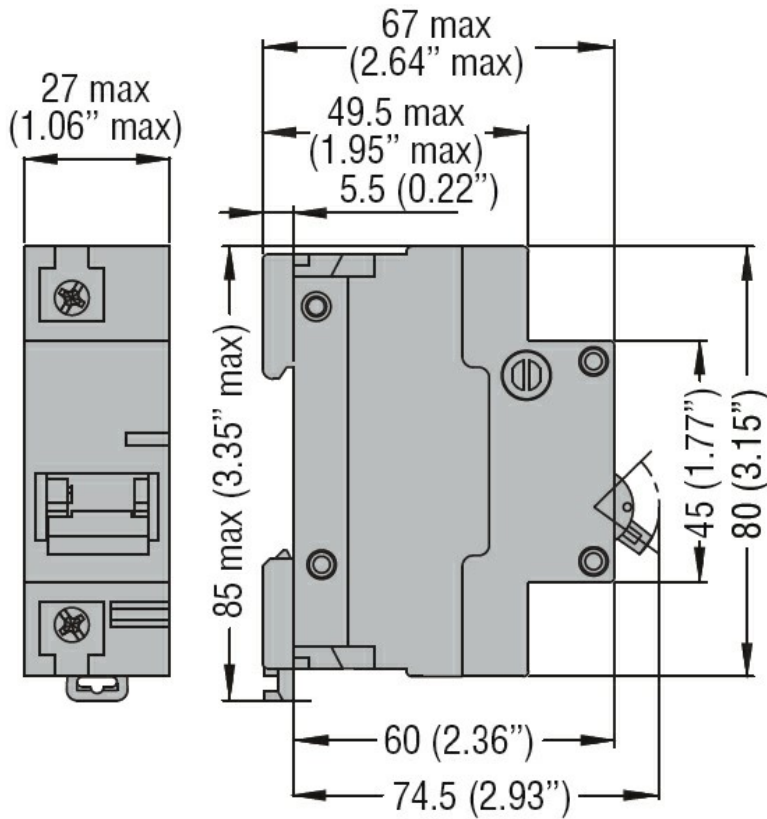


Product designation	Miniature circuit breaker (MCB)			
Product type designation	P2 MB			
Number of poles	1P			
Number of DIN modules	1.5			
Compliance	IEC / UL1077			
<b>Electrical features</b>				
Rated insulation voltage $U_i$ IEC/EN	V	400		
Rated impulse withstand voltage $U_{imp}$	kV	6		
Rated operational voltage AC (IEC)	VAC	230/400		
Rated operational voltage DC	VDC	80		
Rated frequency	Hz	50/60		
Rated current ( $I_n$ )	A	80		
Tripping curve	D			
Short circuit rating (IEC)	kA	10		
Electrical life	cycles	10000		
Power dissipation per pole max	W	11.58		
<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	3.2	
	max	Nm	3.5	
	min	lbin	28.3	
	max	lbin	31	
Terminals tool	Pz 2			
Conductor section	IEC	min	mm <sup>2</sup>	2.5
		max	mm <sup>2</sup>	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)