

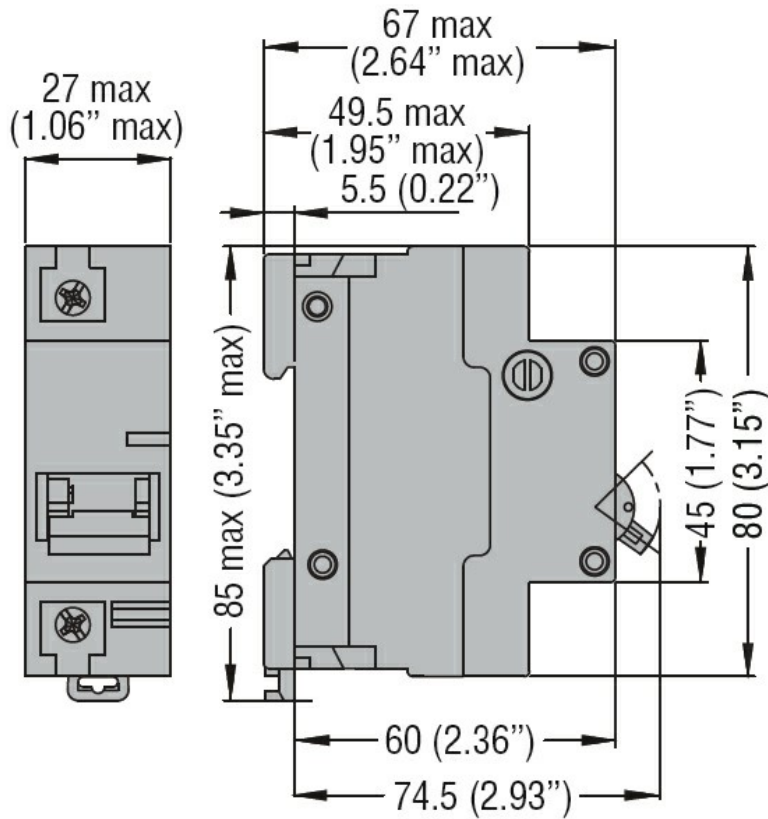


Product designation	Miniature circuit breaker (MCB)			
Product type designation	P2 MB			
Number of poles	1P			
Number of DIN modules	1.5			
Compliance	IEC / UL1077			
Electrical features				
Rated insulation voltage U_i IEC/EN	V	400		
Rated impulse withstand voltage U_{imp}	kV	6		
Rated operational voltage AC (IEC)	VAC	230/400		
Rated operational voltage DC	VDC	80		
Rated frequency	Hz	50/60		
Rated current (I_n)	A	80		
Tripping curve	C			
Short circuit rating (IEC)	kA	10		
Electrical life	cycles	10000		
Power dissipation per pole max	W	11.58		
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)