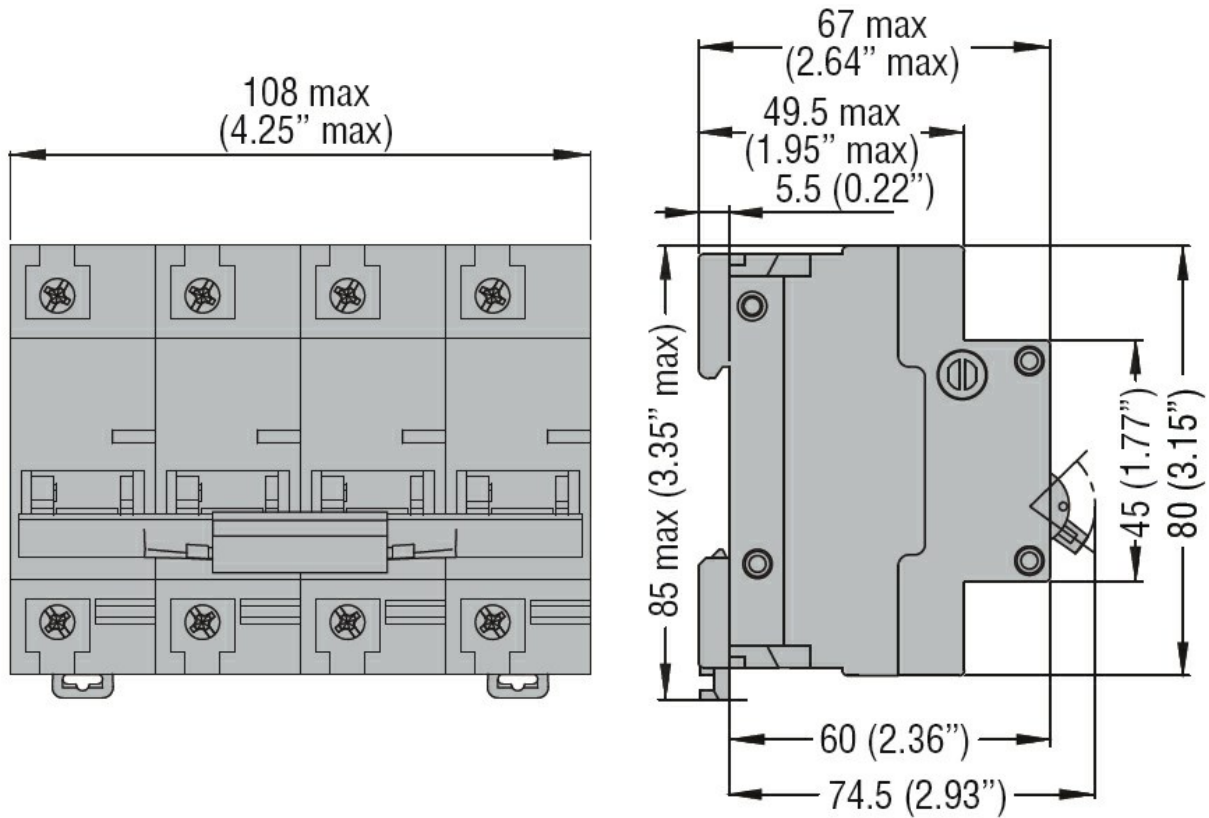


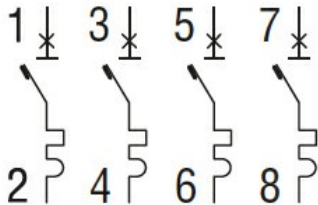


Product designation	Miniature circuit breaker (MCB)		
Product type designation	P2 MB		
Number of poles	4P		
Number of DIN modules	6		
Compliance	IEC / UL1077		
<b>Electrical features</b>			
Rated insulation voltage $U_i$ IEC/EN	V	400	
Rated impulse withstand voltage $U_{imp}$	kV	6	
Rated operational voltage AC (IEC)	VAC	230/400	
Rated 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
			35mm DIN rail
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	680
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)