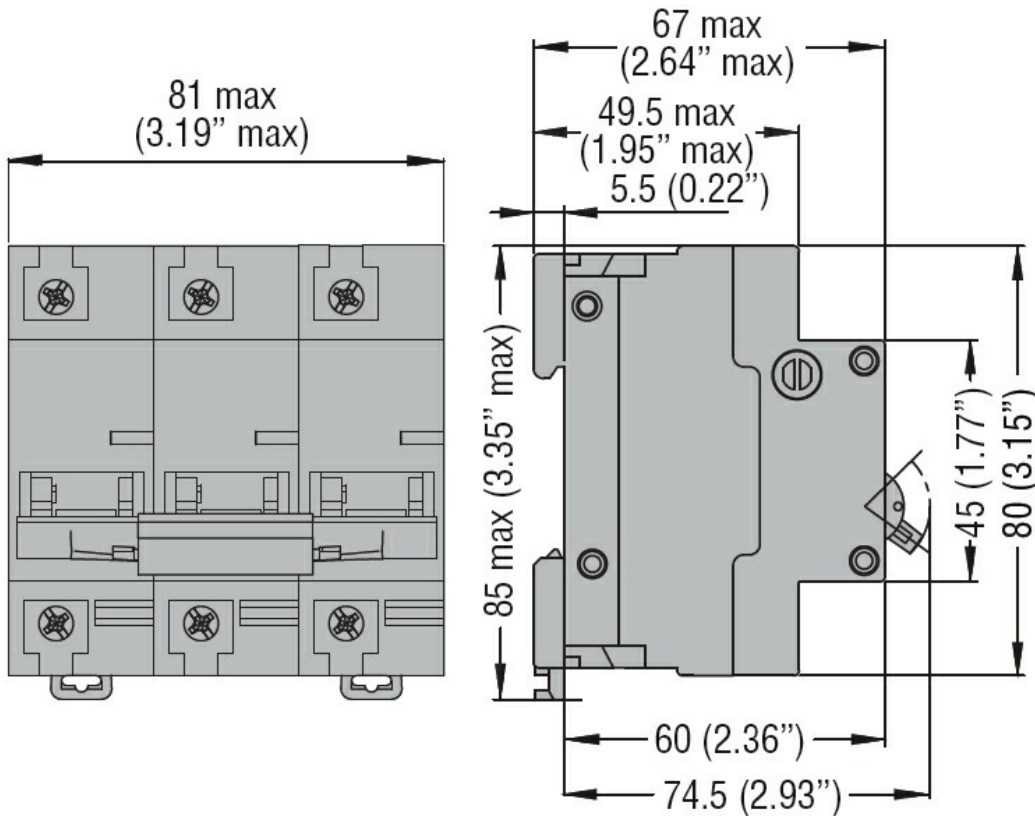


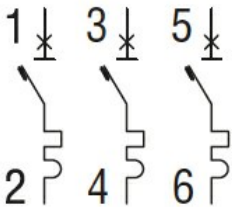


Product designation	Miniature circuit breaker (MCB)		
Product type designation	P2 MB		
Number of poles	3P		
Number of DIN modules	4.5		
Compliance	IEC / UL1077		
Electrical features			
Rated insulation voltage U_i IEC/EN	V	400	
Rated impulse withstand voltage U_{imp}	kV	6	
Rated operational voltage AC (IEC)	VAC	230/400	
Rated 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
			35mm DIN rail
Fixing	35mm DIN rail		
Tightening torque for terminals	min	Nm	3.2
	max	Nm	3.5
	min	Ibin	28.3
	max	Ibin	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	510	
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)