



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	100
Tripping curve		D
Short circuit rating (IEC)	kA	10
Electrical life	cycles	10000
Power dissipation per pole max	W	14

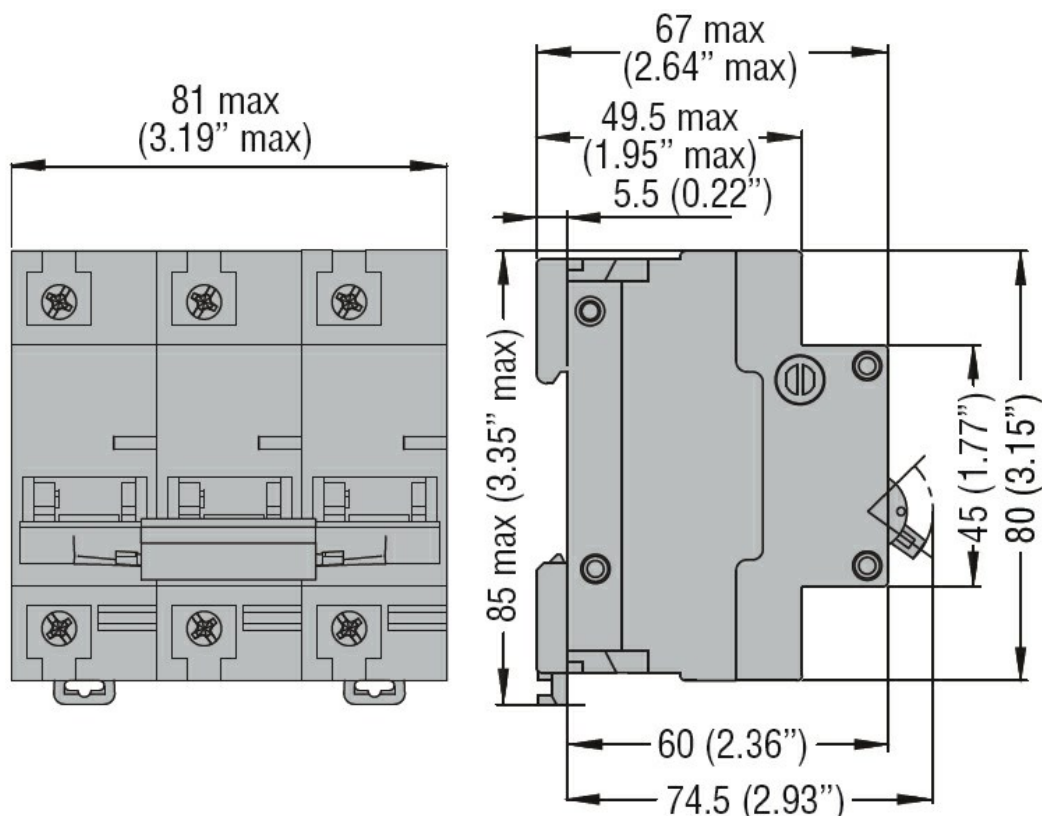
Ambient conditions

Operating temperature	min	°C	-40
	max	°C	+70
Storage temperature	min	°C	-40
	max	°C	+80
Max altitude	m		2000

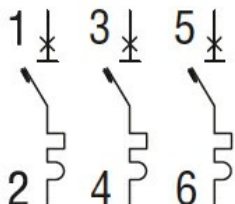
Mechanical features

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	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 -
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