



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		C
Short circuit rating (IEC)	kA	10
Electrical life	cycles	10000
Power dissipation per pole max	W	14

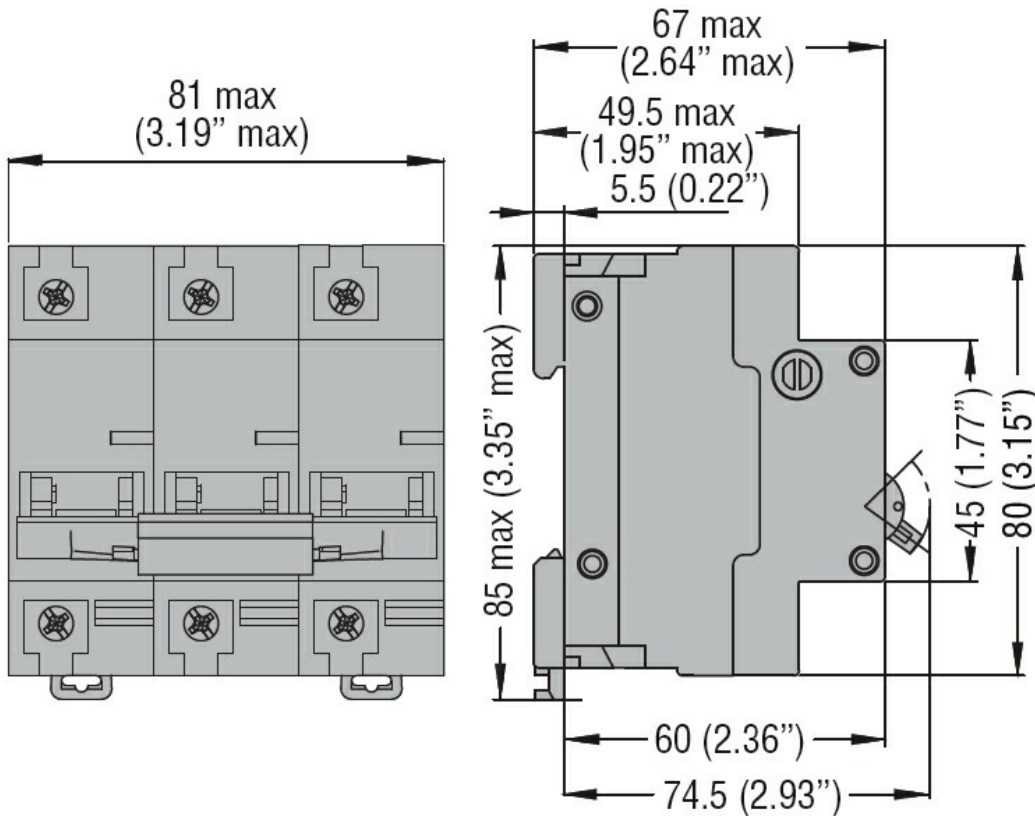
**Ambient conditions**

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

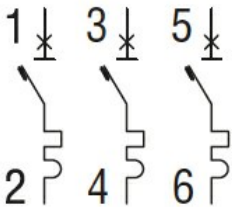
**Mechanical features**

Operating position	normal	Vertical plan		
Fixing		35mm DIN rail		
Tightening torque for terminals	min	Nm	3.2	
	max	Nm	3.5	
	min	Ibin	28.3	
	max	Ibin	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	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)