



Product designation	Miniature circuit breaker (MCB)
Product type designation	P2 MB
Number of poles	2P
Number of DIN modules	3
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	125
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

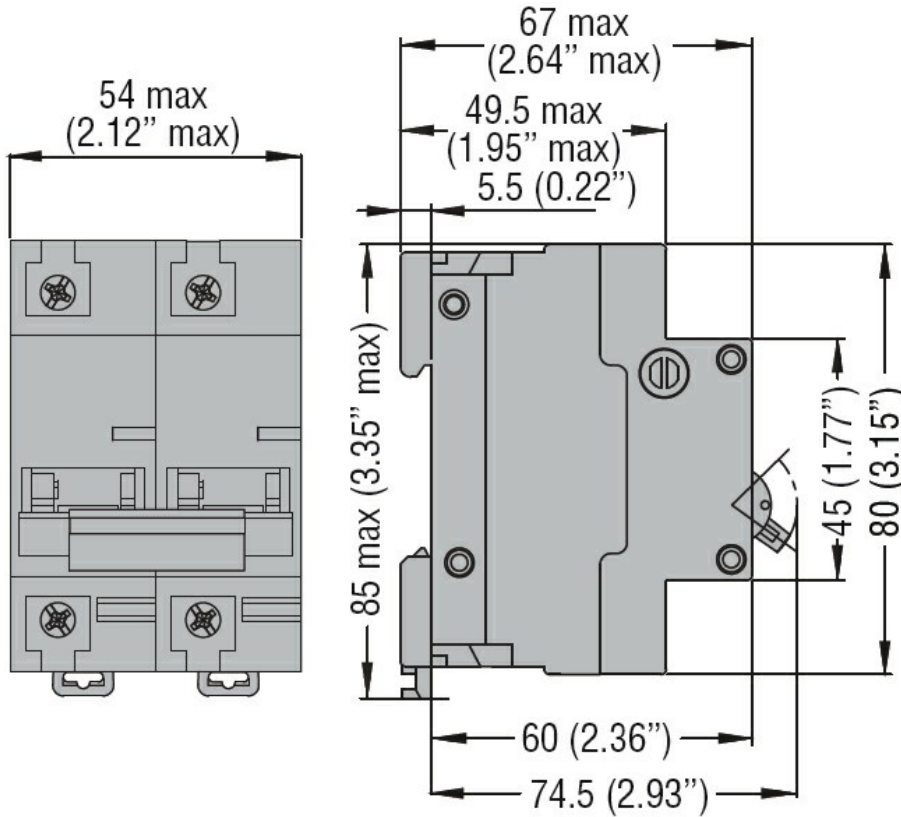
Mechanical features

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	340	
Frontal IP degree			IP20	

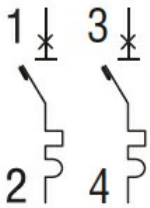
Pollution degree

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)