



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

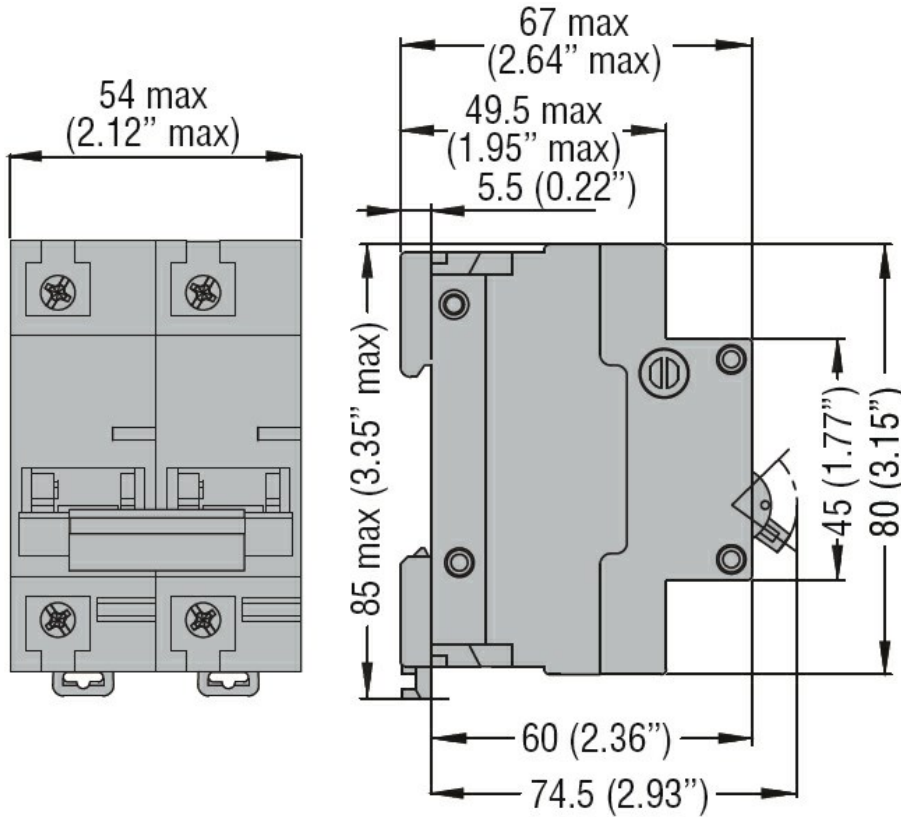
Ambient conditions			
Operating temperature	min	°C	-40
	max	°C	+70
Storage temperature	min	°C	-40
	max	°C	+80
Max altitude		m	2000

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 <sup>2</sup>	2.5
		max	mm <sup>2</sup>	50
	AWG/Kcmil	min		14
		max		1/0
	Mechanical life		cycles	10000
	Weight		g	340
Frontal IP degree			IP20	

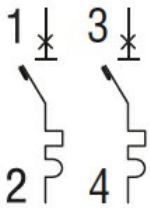
Pollution degree

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)