



Product designation

Miniature circuit
breaker (MCB)

Product type designation

P2 MB

Number of poles

1P

Number of DIN modules

1.5

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 operational voltage DC	VDC	80
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

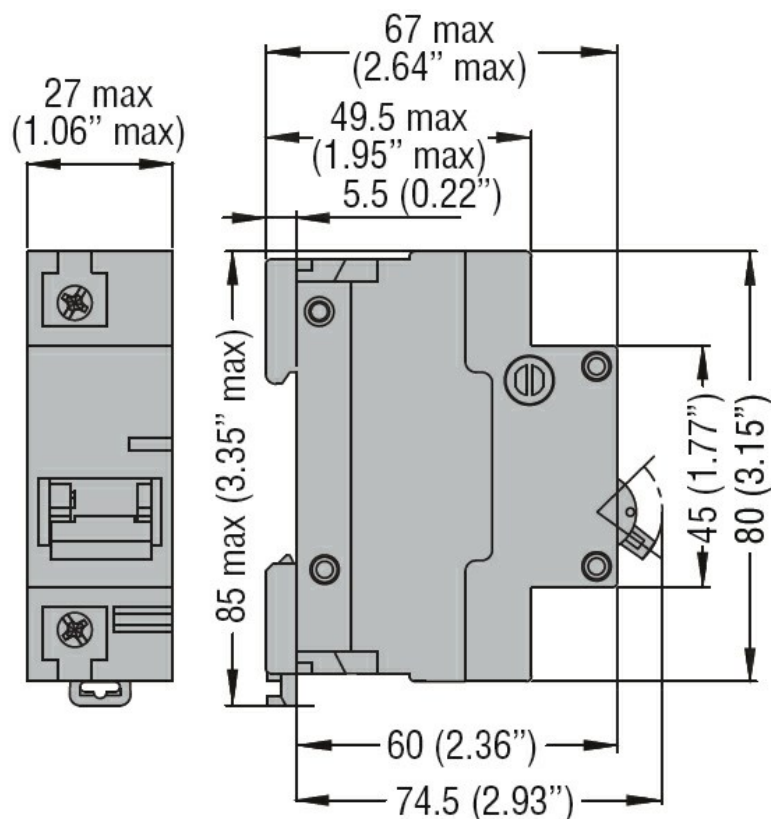
Mechanical features

Operating position	normal		Vertical plan
			35mm DIN rail
Fixing			
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		166
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)