



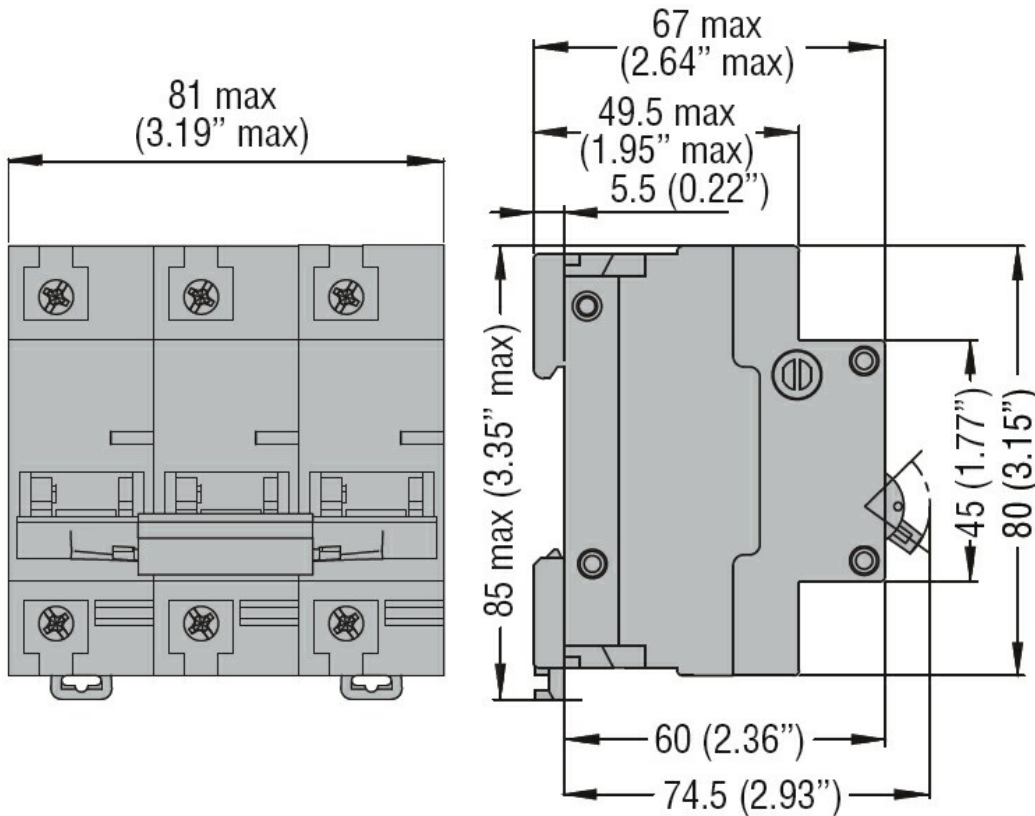
Product designation	Miniature circuit breaker (MCB)
Product type designation	P2 MB
Number of poles	3P
Number of DIN modules	4.5
Compliance	IEC / UL1077

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		80
Tripping curve			C
Short circuit rating (IEC)	kA		10
Electrical life	cycles		10000
Power dissipation per pole max	W		11.58

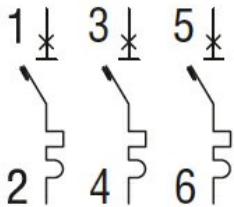
Ambient conditions			
Operating temperature	min	°C	-40
	max	°C	+70
Storage temperature	min	°C	-40
	max	°C	+80
Max altitude		m	2000

Mechanical features				
Operating position		normal	Vertical plan	
Fixing			35mm DIN rail	
Tightening torque for terminals	min	Nm	3.2	
	max	Nm	3.5	
	min	Ibin	28.3	
	max	Ibin	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 [mm (in)]



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)