



Product designation	Miniature circuit breaker (MCB)
Product type designation	P1 MB
Number of poles	2P
Number of DIN modules	2
Compliance	IEC / UL1077

Electrical features

Rated insulation voltage U_i IEC/EN	V	440
Rated impulse withstand voltage U_{imp}	kV	4
Rated operational voltage AC (IEC)	VAC	230/400
Rated operational voltage DC	VDC	80
Rated frequency	Hz	50/60
Rated current (I_n)	A	10
Tripping curve		C
Short circuit rating (IEC)	kA	10
Power dissipation per pole max	W	1.25

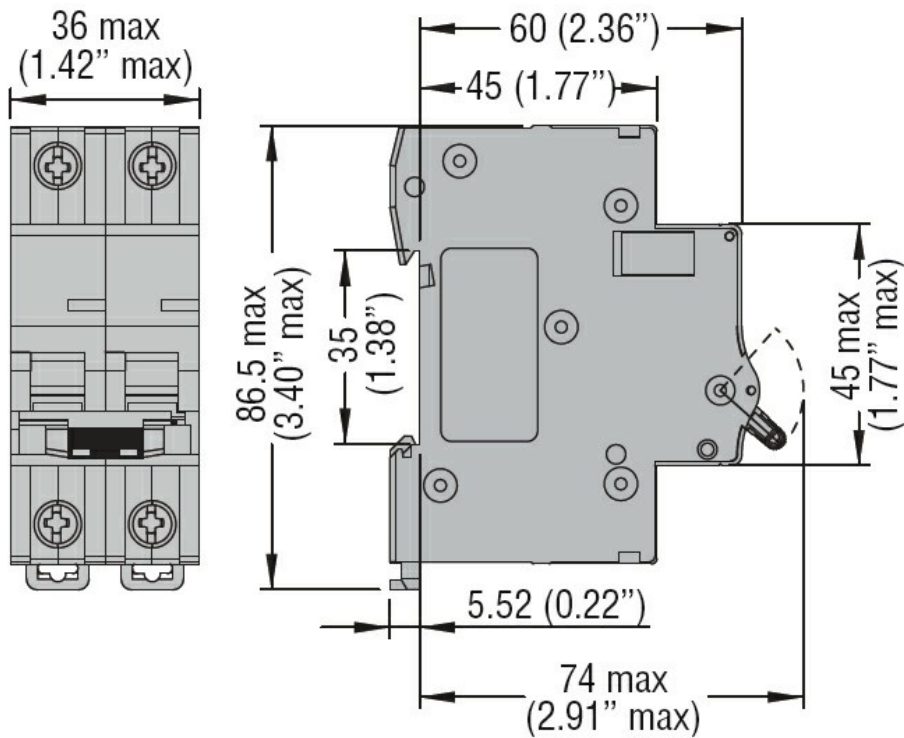
Ambient conditions

Operating temperature	min	°C	-35
	max	°C	70
Storage temperature	min	°C	-40
	max	°C	80
Max altitude		m	2000

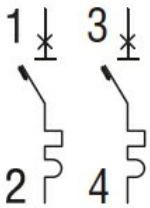
Mechanical features

Operating position	normal	35mm DIN rail	
Fixing		35mm DIN rail	
Tightening torque for terminals	max	Nm	2
	max	lbin	1.5
Terminals tool		Pz 2	
Conductor section	Cable min (IEC)	mm ²	1
	Cable max (IEC)	mm ²	35
	min (AWG/kcmil)		14
	max (AWG/kcmil)		6
Weight		g	230
Frontal IP degree			IP20
Pollution degree			2

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n°235. UR "UL Recognized" per Canada e USA.

IEC/EN 60898-1

IEC/EN 60947-2

UL 1077

Certifications

cURus

EAC

TÜV-Rheinland