



Product designation

Miniature circuit
breaker (MCB)

Product type designation

P1 MB

Number of DIN modules

1

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
Rated operational voltage DC	VDC	60
Rated frequency	Hz	50/60
Rated current (I_n)	A	6
Tripping curve		C
Short circuit rating (IEC)	kA	10
Power dissipation per pole max	W	1.04

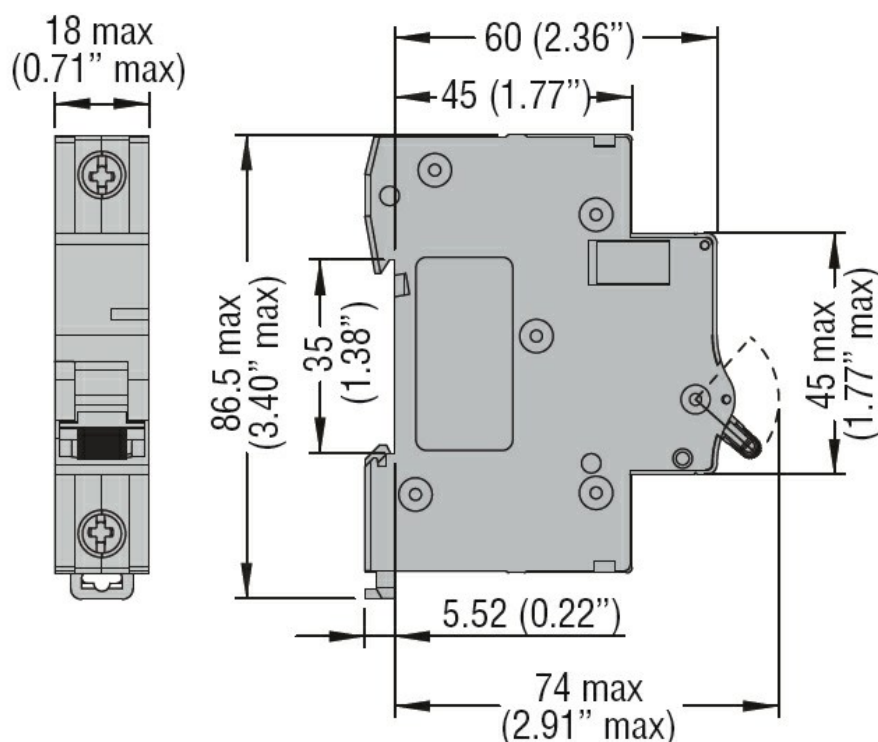
Ambient conditions

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		Vertical plan
Fixing			35mm DIN rail
Tightening torque for terminals	max	Nm	2
	max	lbin	15
Terminals tool			Pz 2
Conductor section	IEC	min	mm ² 1
		max	mm ² 35
	AWG/Kcmil	min	14
		max	6
Weight	g		115
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