



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	8
Tripping curve		C
Short circuit rating (IEC)	kA	10
Power dissipation per pole max	W	0.96

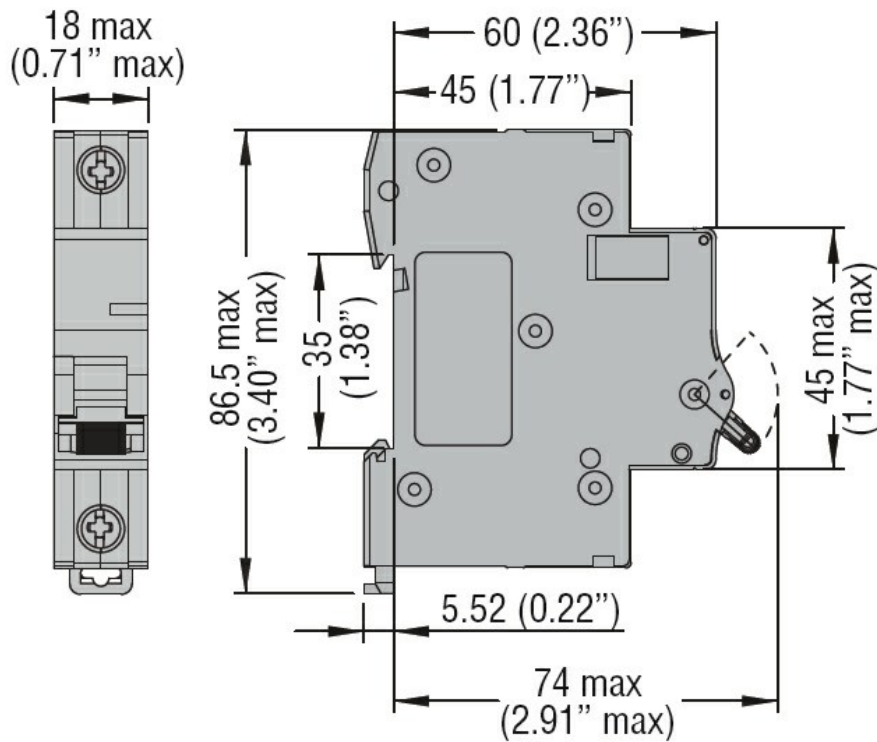
Ambient conditions

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



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