



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	50
Tripping curve		C
Short circuit rating (IEC)	kA	10
Power dissipation per pole max	W	3.5

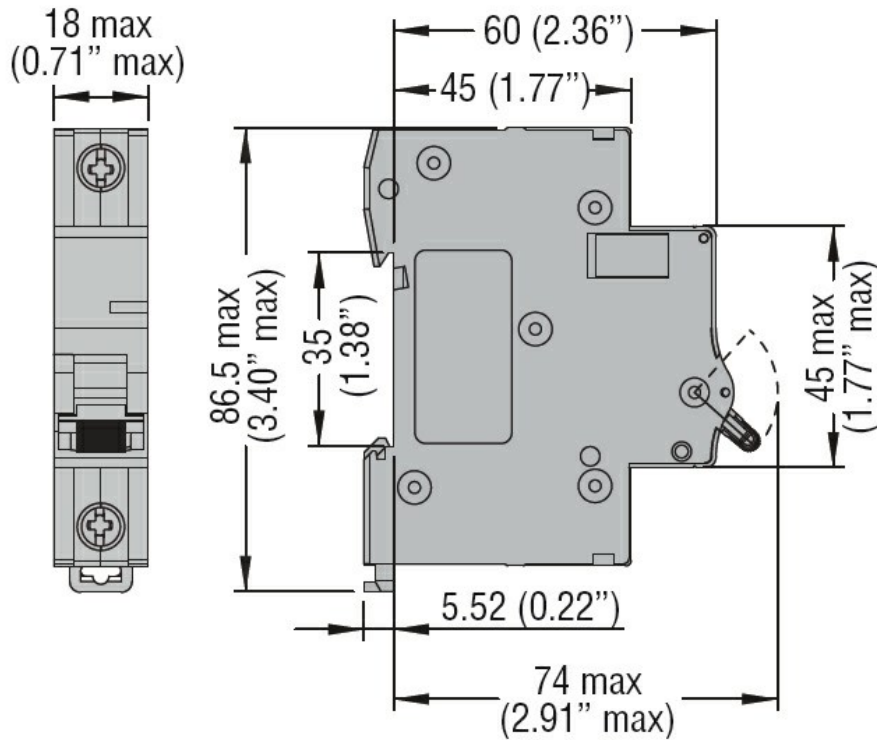
**Ambient conditions**

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 <sup>2</sup>	1
		max	mm <sup>2</sup>	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