



Product designation

Miniature circuit  
breaker (MCB)

Product type designation

P1 MB

Number of poles

1P

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	80
Rated frequency	Hz	50/60
Rated current ( $I_n$ )	A	25
Tripping curve		C
Short circuit rating (IEC)	kA	10
Electrical life	cycles	10000
Power dissipation per pole max	W	2.13

### Ambient conditions

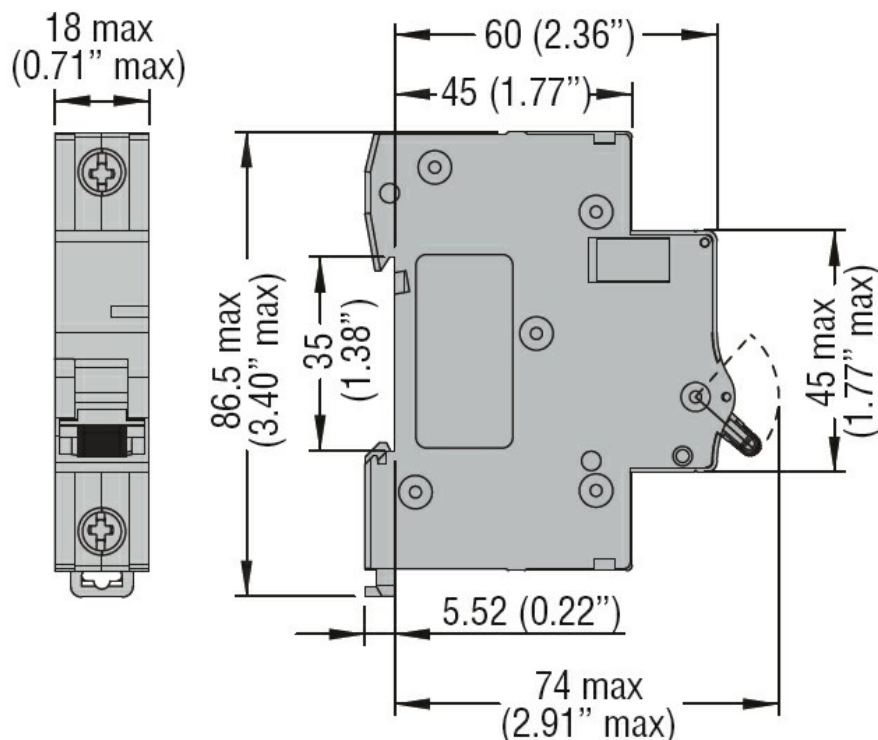
Operating temperature	min	°C	-40
	max	°C	+70
Storage temperature	min	°C	-40
	max	°C	+80
Max altitude	m	2000	

### Mechanical features

Operating position		normal	Vertical plan
Fixing			35mm DIN rail
Tightening torque for terminals		min	Nm 1.8
		max	Nm 2
		min	lbin 16
		max	lbin 17.7
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
Mechanical life		cycles	20000
Weight		g	115
Frontal IP degree			IP20

Pollution degree	2
Grid distance as per Annex H.1 of IEC/EN60898-1 standard	mm 60

#### 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

#### ETIM classification

ETIM 8.0

EC000042 -  
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