



Product designation

Miniature circuit  
breaker (MCB)

Product type designation

P1 MB

Number of poles

3P

Number of DIN modules

3

Compliance

IEC / UL489

### 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 AC (UL)	V	240
Rated frequency	Hz	50/60
Rated current ( $I_n$ )	A	63
Tripping curve		C
Short circuit rating (IEC)	kA	10
Short circuit rating (UL)	kA	10
Electrical life	cycles	10000
Power dissipation per pole max	W	5.16

### Ambient conditions

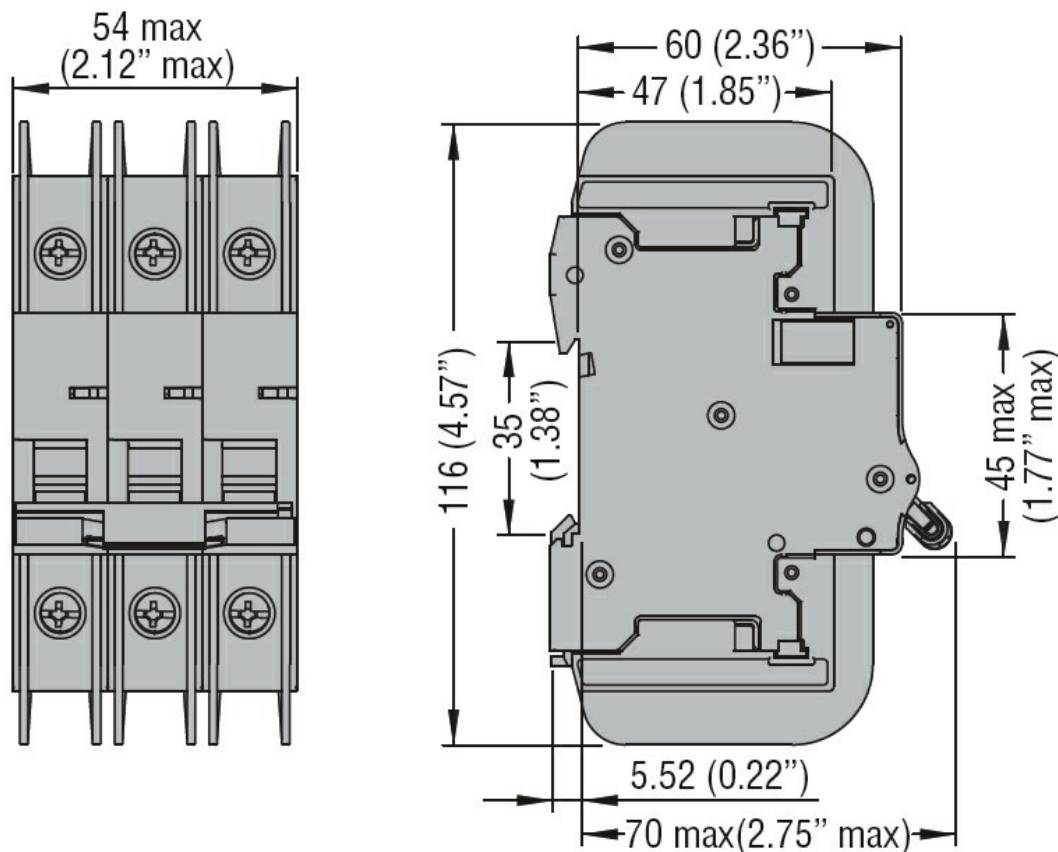
Operating temperature	min	°C	-40
	max	°C	+70
Storage temperature	min	°C	-40
	max	°C	+80
Max altitude	m		2000

### Mechanical features

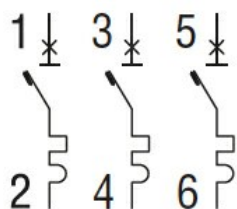
Operating position	normal		Vertical plan
			35mm DIN rail
Fixing			
Tightening torque for terminals	min	Nm	1.8
	max	Nm	2
	min	lbin	16
	max	lbin	17.7
Terminals tool	Pz 2		
Conductor section	IEC		
	min	mm <sup>2</sup>	1
	max	mm <sup>2</sup>	35
	AWG/Kcmil		
	min		14
Mechanical life	max		6
	cycles		20000
Weight	g		388

Frontal IP degree	IP20
Pollution degree	2

#### Dimensions



#### Wiring diagrams



#### Certifications and compliance

##### Compliance

IEC/EN 60947-2

UL489

##### Certifications

cULus

EAC

#### ETIM classification

ETIM 8.0

EC000042 -  
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