



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	60
Tripping curve		D
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
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### Mechanical features

Operating position

normal	Vertical plan
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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	kcmil	6

Mechanical life

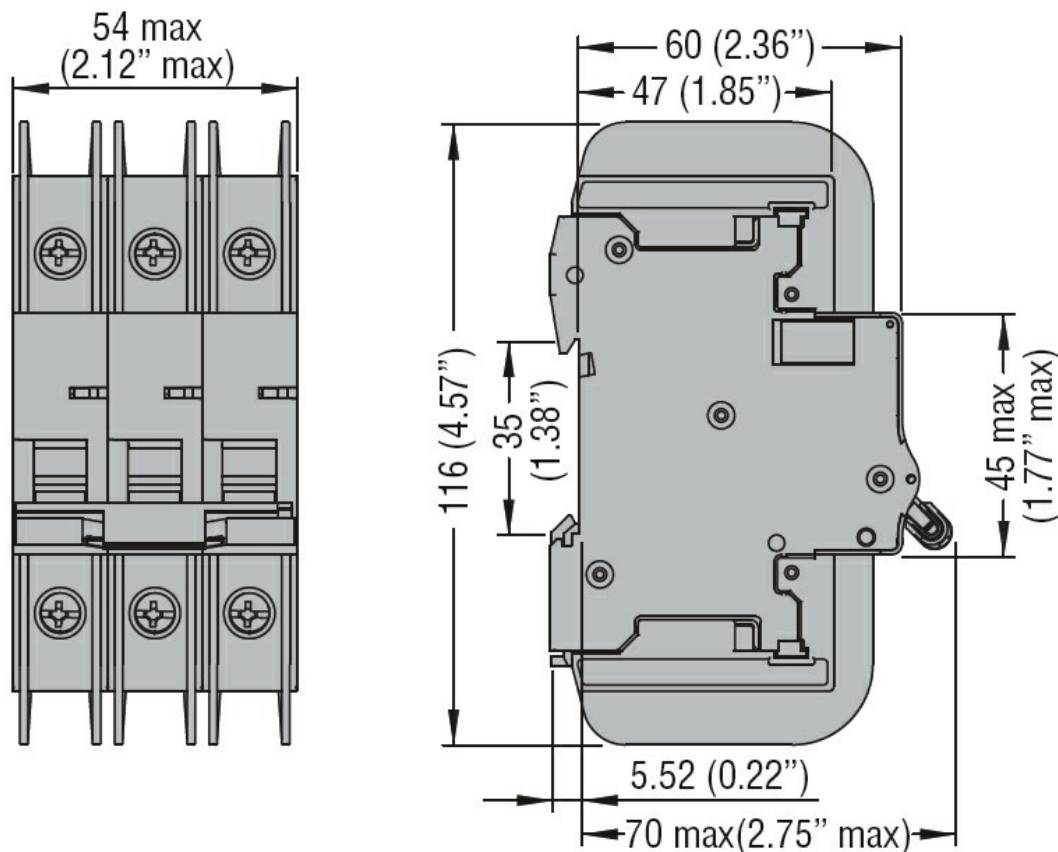
cycles 20000

Weight

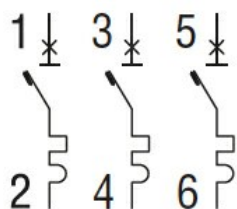
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Frontal IP degree	IP20
Pollution degree	2

#### 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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