



Product designation

Miniature circuit  
breaker (MCB)

Product type designation

P1 MB

Number of poles

3P

Number of DIN modules

3

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	230/400
Rated frequency	Hz	50/60
Rated current ( $I_n$ )	A	10
Tripping curve		C
Short circuit rating (IEC)	kA	10
Electrical life	cycles	10000
Power dissipation per pole max	W	1.25

### 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 345

Frontal IP degree

IP20

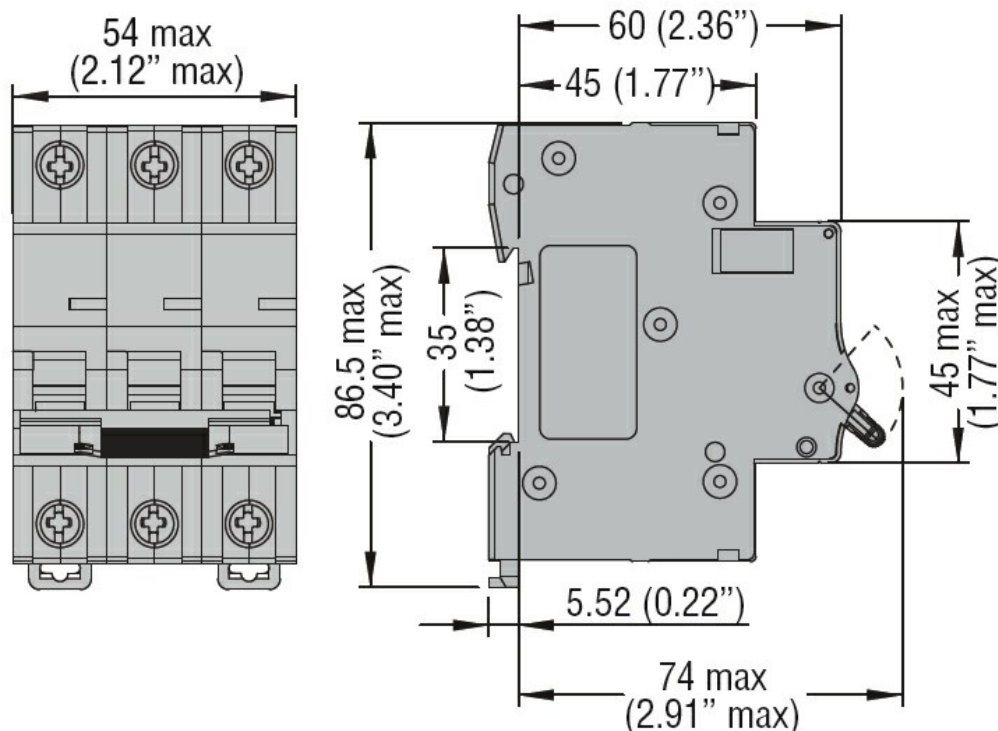
Pollution degree

2

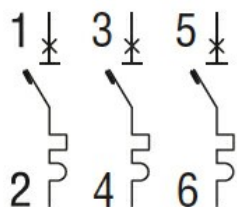
Grid distance as per Annex H.1 of IEC/EN60898-1 standard

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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