



Product designation

Miniature circuit  
breaker (MCB)

Product type designation

P1 MB

Number of poles

1P+N

Number of DIN modules

1

Compliance

IEC

#### 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 frequency	Hz	50/60
Rated current ( $I_n$ )	A	16
Tripping curve		C
Short circuit rating (IEC)	kA	6
Electrical life	cycles	10000
Power dissipation per pole max	W	1.69

#### 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	1.1
max	Nm	1.2
min	lbin	9.7
max	lbin	10.6

Terminals tool

Pz 2

Conductor section

IEC

min	mm <sup>2</sup>	1
max	mm <sup>2</sup>	16

AWG/Kcmil

min		14
max		6

Mechanical life

cycles 20000

Weight

g 115

Frontal IP degree

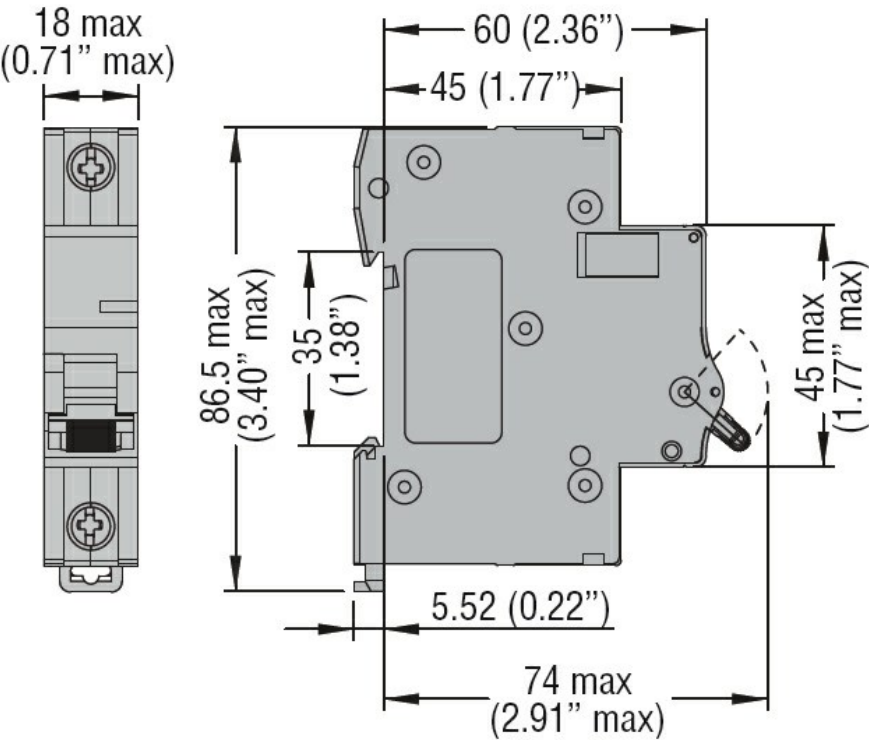
IP20

Pollution degree

2

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

Dimensions



Wiring diagrams

Certifications and compliance

Compliance	IEC/EN 60898-1
	IEC/EN 60947-2
Certifications	EAC
	TÜV-Rheinland

ETIM classification

ETIM 8.0	EC000042 - Miniature circuit breaker (MCB)
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