



Product designation

Miniature circuit
breaker (MCB)

Product type designation

P2 MB

Number of poles

3P

Number of DIN modules

4.5

Compliance

IEC / UL1077

Electrical features

Rated insulation voltage U_i IEC/EN	V	400
Rated impulse withstand voltage U_{imp}	kV	6
Rated operational voltage AC (IEC)	VAC	230/400
Rated frequency	Hz	50/60
Rated current (I_n)	A	80
Tripping curve		D
Short circuit rating (IEC)	kA	10
Electrical life	cycles	10000
Power dissipation per pole max	W	11.58

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	3.2
max	Nm	3.5
min	lbin	28.3
max	lbin	31

Terminals tool

Pz 2

Conductor section

IEC

min	mm ²	2.5
max	mm ²	50

AWG/Kcmil

min		14
max		1/0

Mechanical life

cycles 10000

Weight

g 510

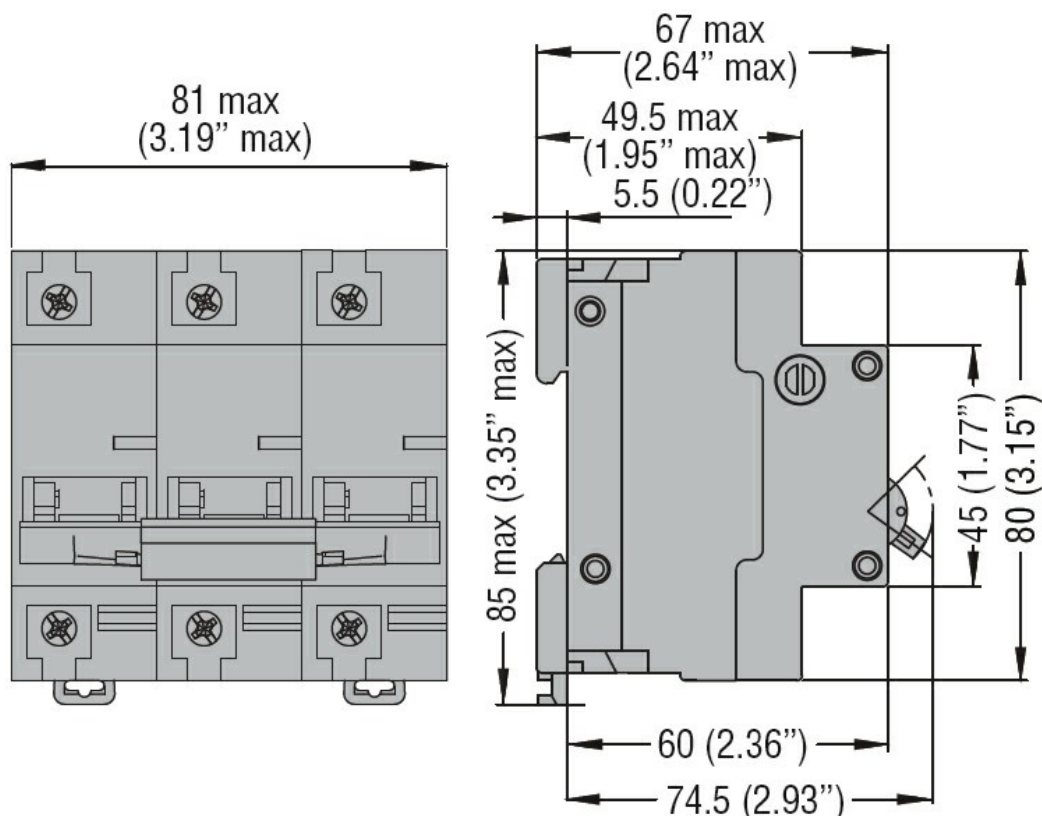
Frontal IP degree

IP20

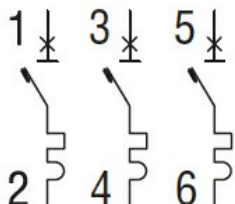
Pollution degree

3

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n°235. UR "UL Recognized" per Canada e USA.

IEC/EN 60947-2

UL 1077

Certifications

cURus

EAC

TÜV-Rheinland

ETIM classification

ETIM 8.0

EC000042 -
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