



			910
Due do et de clamation			Miniature circuit
Product designation			breaker (MCB)
Product type designation			P1 MB
Number of poles			3P
Number of DIN modules			3
Compliance			IEC / UL1077
Electrical features			
Rated insulation voltage Ui IEC/EN		V	440
Rated impulse withstand voltage Uimp		kV	4
Rated operational voltage AC (IEC)		VAC	230/400
Rated frequency		Hz	50/60
Rated current (In)		Α	20
Tripping curve			С
Short circuit rating (IEC)		kA	10
Electrical life		cycles	10000
Power dissipation per pole max		W	1.56
Ambient conditions			
Operating temperature			
	min	°C	-40
	max	°C	+70
Storage temperature			
2	min	°C	-40
	max	ď	+80
Max altitude	max	°C m	+80 2000
Max altitude Mechanical features	max	m	2000
Mechanical features	max		
			2000
Mechanical features Operating position	normal		2000 Vertical plan
Mechanical features Operating position Fixing			2000
Mechanical features Operating position	normal	m	Vertical plan 35mm DIN rail
Mechanical features Operating position Fixing			2000 Vertical plan
Mechanical features Operating position Fixing	normal	m Nm	Vertical plan 35mm DIN rail
Mechanical features Operating position Fixing	normal min max min	M Nm Nm Ibin	Vertical plan 35mm DIN rail 1.8 2 16
Mechanical features Operating position Fixing Tightening torque for terminals	normal min max	m Nm Nm	Vertical plan 35mm DIN rail 1.8 2
Mechanical features Operating position Fixing	normal min max min	M Nm Nm Ibin	Vertical plan 35mm DIN rail 1.8 2 16 17.7
Mechanical features Operating position Fixing Tightening torque for terminals Terminals tool	normal min max min	M Nm Nm Ibin	Vertical plan 35mm DIN rail 1.8 2 16 17.7
Mechanical features Operating position Fixing Tightening torque for terminals Terminals tool Conductor section	normal min max min	M Nm Nm Ibin	Vertical plan 35mm DIN rail 1.8 2 16 17.7
Mechanical features Operating position Fixing Tightening torque for terminals Terminals tool Conductor section	normal min max min max	Nm Nm Ibin Ibin	Vertical plan 35mm DIN rail 1.8 2 16 17.7 Pz 2
Mechanical features Operating position Fixing Tightening torque for terminals Terminals tool Conductor section	normal min max min max	M Nm Nm Ibin Ibin	Vertical plan 35mm DIN rail 1.8 2 16 17.7 Pz 2
Mechanical features Operating position Fixing Tightening torque for terminals Terminals tool Conductor section IEC	normal min max min max	M Nm Nm Ibin Ibin	Vertical plan 35mm DIN rail 1.8 2 16 17.7 Pz 2
Mechanical features Operating position Fixing Tightening torque for terminals Terminals tool Conductor section IEC	normal min max min max min max	M Nm Nm Ibin Ibin	2000 Vertical plan 35mm DIN rail 1.8 2 16 17.7 Pz 2
Mechanical features Operating position Fixing Tightening torque for terminals Terminals tool Conductor section IEC	normal min max min max min max min max	Nm Nm Ibin Ibin	2000 Vertical plan 35mm DIN rail 1.8 2 16 17.7 Pz 2 1 35
Mechanical features Operating position Fixing Tightening torque for terminals Terminals tool Conductor section IEC AWG/Kcmil	normal min max min max min max min max	M Nm Nm Ibin Ibin mm² mm²	2000 Vertical plan 35mm DIN rail 1.8 2 16 17.7 Pz 2 1 35
Mechanical features Operating position Fixing Tightening torque for terminals Terminals tool Conductor section IEC AWG/Kcmil Mechanical life Weight	normal min max min max min max min max	Nm Nm Ibin Ibin	2000 Vertical plan 35mm DIN rail 1.8 2 16 17.7 Pz 2 1 35 14 6 20000
Mechanical features Operating position Fixing Tightening torque for terminals Terminals tool Conductor section IEC AWG/Kcmil	normal min max min max min max min max	M Nm Nm Ibin Ibin mm² mm²	2000 Vertical plan 35mm DIN rail 1.8 2 16 17.7 Pz 2 1 35 14 6 20000 345



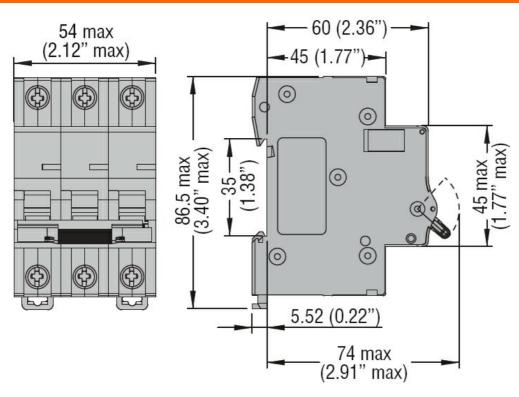
ENERGY AND AUTOMATION

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

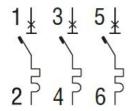
mm

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 -Miniature circuit breaker (MCB)