



			01-1
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 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	63
Tripping curve			С
Short circuit rating (IEC)		kA	10
Electrical life		cycles	10000
Power dissipation per pole max		W	5.16
Ambient conditions			
Operating temperature			
3 . 1	min	°C	-40
	max	°C	+70
Storage temperature	max		
Clorage temperature	min	°C	-40
	max	°C	+80
· 	Παλ		
May altituda		m	2000
Max altitude Machanical features		m	2000
Mechanical features		m	2000
		m	
Mechanical features Operating position	normal	m	Vertical plan
Mechanical features Operating position Fixing	normal	m	
Mechanical features Operating position			Vertical plan 35mm DIN rail
Mechanical features Operating position Fixing	min	Nm	Vertical plan 35mm DIN rail
Mechanical features Operating position Fixing	min max	Nm Nm	Vertical plan 35mm DIN rail 1.8 2
Mechanical features Operating position Fixing	min	Nm Nm Ibin	Vertical plan 35mm DIN rail 1.8 2 16
Mechanical features Operating position Fixing Tightening torque for terminals	min max	Nm Nm	Vertical plan 35mm DIN rail 1.8 2 16 17.7
Mechanical features Operating position Fixing	min max min	Nm Nm Ibin	Vertical plan 35mm DIN rail 1.8 2 16
Mechanical features Operating position Fixing Tightening torque for terminals	min max min	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	min max min	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	min max min	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	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	min max min max min	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	min max min max min	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	min max 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 IEC	min max 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 IEC AWG/Kcmil	min max min max min max	Nm Nm Ibin Ibin mm² mm²	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	min max min max min max	Nm Nm Ibin Ibin	Vertical plan 35mm DIN rail 1.8 2 16 17.7 Pz 2 1 35 14 6 20000 345
Mechanical features Operating position Fixing Tightening torque for terminals Terminals tool Conductor section IEC AWG/Kcmil	min max min max min max	Nm Nm Ibin Ibin mm² mm²	Vertical plan 35mm DIN rail 1.8 2 16 17.7 Pz 2 1 35 14 6 20000



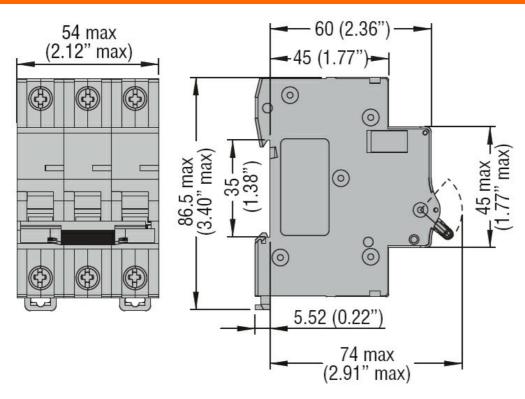
ENERGY AND AUTOMATION

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

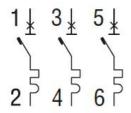
mm

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)