



Product designation			Miniature circuit
Product type designation			breaker (MCB) P1 MB
Number of poles			4P
Number of DIN modules			4
Compliance			IEC / UL1077
Electrical features			1207 021077
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)		A	16
Tripping curve		- / \	C
Short circuit rating (IEC)		kA	10
Electrical life		cycles	10000
Power dissipation per pole max		W	1.69
Ambient conditions		VV	1.09
Operating temperature			
Operating temperature	min	°C	-40
	max	°C	+70
Storage temperature	Пах		170
Storage temperature	min	°C	-40
	max	°C	+80
Max altitude	Пах	 m	2000
Mechanical features		111	2000
Operating position			
operating position	normal		Vertical plan
Fixing	Homman		35mm DIN rail
			Oomin Dirtian
Tightening torque for terminals	min	Nm	1.8
	min max	Nm Nm	1.8
	max	Nm	2
	max min	Nm Ibin	2 16
Tightening torque for terminals	max	Nm	2 16 17.7
Tightening torque for terminals  Terminals tool	max min	Nm Ibin	2 16
Tightening torque for terminals  Terminals tool  Conductor section	max min	Nm Ibin	2 16 17.7
Tightening torque for terminals  Terminals tool	max min max	Nm Ibin Ibin	2 16 17.7 Pz 2
Tightening torque for terminals  Terminals tool  Conductor section	max min max min	Nm Ibin Ibin	2 16 17.7 Pz 2
Terminals tool Conductor section  IEC	max min max	Nm Ibin Ibin	2 16 17.7 Pz 2
Tightening torque for terminals  Terminals tool  Conductor section	max min max min max	Nm Ibin Ibin	2 16 17.7 Pz 2 1 35
Terminals tool Conductor section  IEC	max min max min	Nm Ibin Ibin	2 16 17.7 Pz 2
Terminals tool Conductor section  IEC	max min max min max	Nm Ibin Ibin mm² mm²	2 16 17.7 Pz 2 1 35
Terminals tool Conductor section  IEC  AWG/Kcmil	max min max min max	Nm Ibin Ibin mm² mm²	2 16 17.7 Pz 2 1 35 14 6 20000
Terminals tool Conductor section  IEC  AWG/Kcmil  Mechanical life Weight	max min max min max	Nm Ibin Ibin mm² mm²	2 16 17.7 Pz 2 1 35 14 6 20000 460
Terminals tool Conductor section  IEC  AWG/Kcmil	max min max min max	Nm Ibin Ibin mm² mm²	2 16 17.7 Pz 2 1 35 14 6 20000



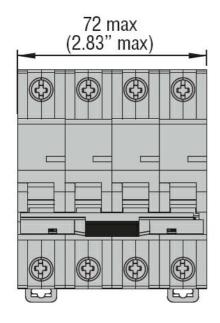
**ENERGY AND AUTOMATION** 

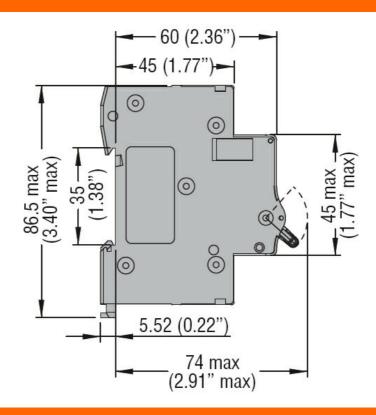
## Grid distance as per Annex H.1 of IEC/EN60898-1 standard

mm

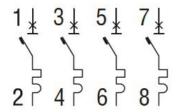
60

## 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)