



Due dont de ciencetico			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	25
Tripping curve			D
Short circuit rating (IEC)		kA	10
Electrical life		cycles	10000
Power dissipation per pole max		W	2.13
Ambient conditions			2110
Operating temperature			
operating temperature	min	°C	-40
	max	°C	+70
Storage temperature	max		170
Storage temperature	min	°C	-40
	max	°C	+80
Max altitude	IIIdA		2000
Mechanical features		111	2000
Operating position			
Operating position	normal		Vertical plan
Eiving	Homai		35mm DIN rail
Fixing  Tightening torque for terminals			35IIIII DIN IAII
Tightening torque for terminals	min	Nimo	4.0
	min	Nm	1.8
	max	Nm	2
	min	lbin	16
Torminale tool	max	Ibin	17.7
Terminals tool			Pz 2
Conductor section			
IEC			4
	min	mm²	1
A18/0/1/	max	mm²	35
AWG/Kcmil			4.4
	min		14
	max		6
Mechanical life		cycles	20000
Weight		g	345
Frontal IP degree Pollution degree			IP20 2



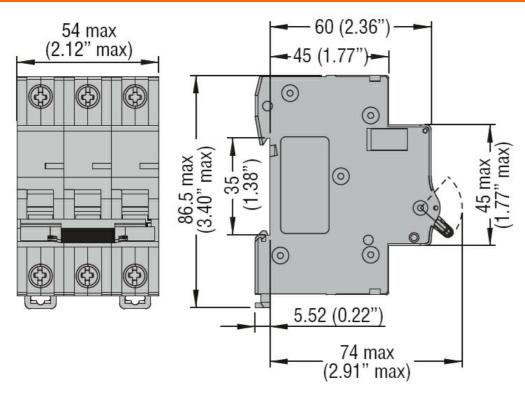
ENERGY AND AUTOMATION

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

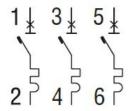
mm

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)