



Product designation			Miniature circuit
Product type designation			breaker (MCB) P1 MB
Number of poles			1P
Number of DIN modules			1
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
Rated operational voltage DC		VDC	80
Rated frequency		Hz	50/60
Rated current (In)		A	6
Tripping curve			В
Short circuit rating (IEC)		kA	10
Electrical life		cycles	10000
Power dissipation per pole max		Ŵ	1.04
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	1.8
	max	Nm	2
	min	Ibin	16
	max	Ibin	17.7
Terminals tool			Pz 2
Conductor section			
IEC		2	
	min	mm²	1
	max	mm²	35
AWG/Kcmil			
	min		14
Mashariaal life	max	a. (al	6
Mechanical life		cycles	20000
Weight		g	115
Frontal IP degree			IP20

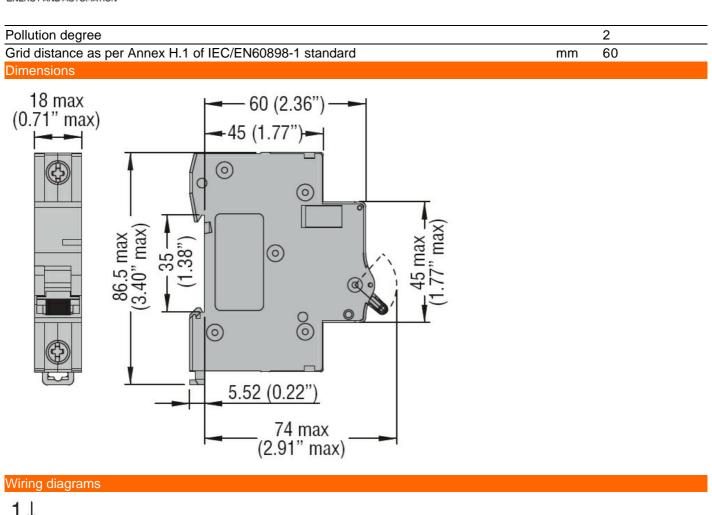
P1MB1PB06

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



## P1MB1PB06

MINIATURE CIRCUIT BREAKER, 1P - 10KA. 1 MODULE, CHARACTERISTIC B, 6A



## 2

## Certifications and compliance

Continioations and con		
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		
		EC000042 -
ETIM 8.0		Miniature circuit

Miniature circuit breaker (MCB)