



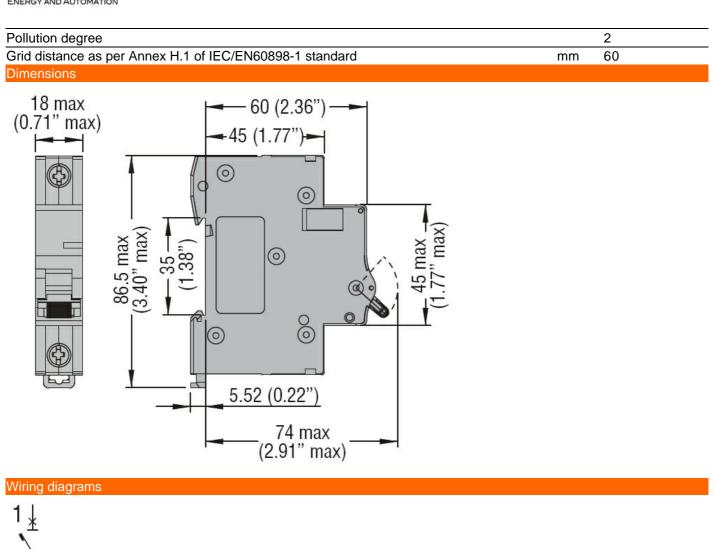
Product designation			Miniature circuit
Product type designation			breaker (MCB) P1 MB
Number of poles			1P
Number of DIN modules			1
Compliance			IEC / UL1077
Electrical features			
Rated insulation voltage Ui IEC/EN		V	440
Rated impulse withstand voltage Uimp		kV	4
Rated operational voltage AC (IEC)		VAC	230
Rated operational voltage DC		VDC	80
Rated frequency		Hz	50/60
Rated current (In)		Α	1
Tripping curve			С
Short circuit rating (IEC)		kA	10
Electrical life		cycles	10000
Power dissipation per pole max		W	1.07
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	lbin	16
	max	Ibin	17.7
Terminals tool			Pz 2
Conductor section			
IEC			
	min	mm²	1
	max	mm²	35
AWG/Kcmil			
	min		14
	max		6
Mechanical life		cycles	20000
Weight		g	115
Frontal IP degree			IP20



P1MB1PC01

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

ENERGY AND AUTOMATION



2

Compliance

Certifications

ETIM 8.0

ETIM classification

Certifications and compliance

IEC/EN 60898-1 IEC/EN 60947-2

TÜV-Rheinland

UL 1077

cURus EAC

CSA C22.2 n°235. UR "UL Recognized" per Canada e USA.

EC000042 -

Miniature circuit breaker (MCB)