



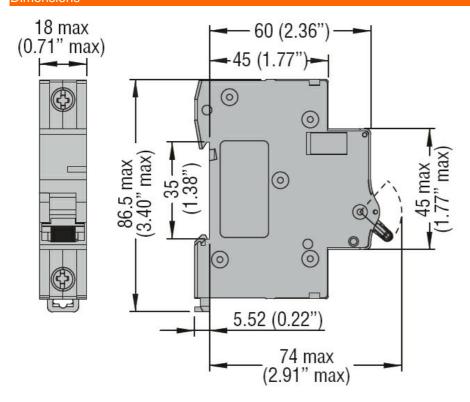
Product designation			Miniature circuit
Draduat tune decignation			breaker (MCB) P1 MB
Product type designation Number of poles			1P
Number of DIN modules			1
Compliance			IEC / UL1077
Electrical features			ILO / OLIO//
Rated insulation voltage Ui IEC/EN		V	440
Rated impulse withstand voltage Uimp		kV	4
Rated operational voltage AC (IEC)		VAC	230
Rated operational voltage DC		VDC	80
Rated frequency		Hz	50/60
Rated current (In)		A	16
Tripping curve		,,	D
Short circuit rating (IEC)		kA	10
Electrical life		cycles	10000
Power dissipation per pole max		W	1.69
Ambient conditions		VV	1.00
Operating temperature			
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	lbin	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



ENERGY AND AUTOMATION

Pollution degree		2
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

P1MB1PD16

EC000042 -Miniature circuit breaker (MCB)