



Product designation			Miniature circuit breaker (MCB)
Product type designation			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	10
Tripping curve			B
Short circuit rating (IEC)		kA	10
Electrical life		cycles	10000
Power dissipation per pole max		W	1.25
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	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	

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

EC000042 -
Miniature circuit
breaker (MCB)