



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 U_i IEC/EN	V	440
Rated impulse withstand voltage U_{imp}	kV	4
Rated operational voltage AC (IEC)	VAC	230
Rated operational voltage DC	VDC	80
Rated frequency	Hz	50/60
Rated current (I_n)	A	3
Tripping curve		B
Short circuit rating (IEC)	kA	10
Electrical life	cycles	10000
Power dissipation per pole max	W	0.96

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
			35mm DIN rail
Fixing			
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	mm ²	1
	max	mm ²	35
	AWG/Kcmil		
	min		14
	max		6
Mechanical life	cycles		20000
Weight	g		115
Frontal IP degree	IP20		

Pollution degree	2
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)