

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	1.6		
Tripping curve		C		
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	
			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	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		
ETIM classification				
ETIM 8.0	EC000042 - Miniature circuit breaker (MCB)			