

Product designation	Miniature circuit breaker (MCB)			
Product type designation	P1 MB			
Number of DIN modules	2			
Compliance	IEC / UL489			
<b>Electrical features</b>				
Rated insulation voltage $U_i$ IEC/EN	V	440		
Rated impulse withstand voltage $U_{imp}$	kV	4		
Rated operational voltage AC (IEC)	VAC	230/400		
Rated operational voltage AC (UL)	V	480Y/277		
Rated operational voltage DC	VDC	125		
Rated frequency	Hz	50/60		
Rated current ( $I_n$ )	A	8		
Tripping curve	C			
Short circuit rating (IEC)	kA	10		
Short circuit rating (UL)	kA	10		
Power dissipation per pole max	W	1.25		
<b>Ambient conditions</b>				
Operating temperature	min	°C	-40	
	max	°C	+70	
Storage temperature	min	°C	-40	
	max	°C	+80	
Max altitude	m	2000		
<b>Mechanical features</b>				
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	mm <sup>2</sup>	1
		max	mm <sup>2</sup>	35
	AWG/Kcmil	min	14	
		max	6	
Weight	g		255	
Frontal IP degree	IP20			
Pollution degree	2			
<b>Dimensions</b>				
<b>Wiring diagrams</b>				
<b>Certifications and compliance</b>				
Compliance	IEC/EN 60947-2			
	UL489			
Certifications				

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**ETIM classification**

ETIM 8.0

EC000042 -  
Miniature circuit  
breaker (MCB)