

Product designation	Miniature circuit breaker (MCB)		
Product type designation	P1 MB		
Number of DIN modules	4		
Compliance	IEC / UL1077		
<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 frequency	Hz	50/60	
Rated current ( $I_n$ )	A	6	
Tripping curve	B		
Short circuit rating (IEC)	kA	10	
Power dissipation per pole max	W	1.04	
<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	Ibin	16
	max	Ibin	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		460
Frontal IP degree	IP20		
Pollution degree	2		
<b>Dimensions</b>			
<b>Wiring diagrams</b>			
<b>Certifications and compliance</b>			
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		

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EAC

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TÜV-Rheinland

**ETIM classification**

ETIM 8.0

EC000042 -  
Miniature circuit  
breaker (MCB)