

Product designation	Miniature circuit breaker (MCB)		
Product type designation	P2 MB		
Number of DIN modules	6		
Compliance	IEC / UL1077		
<b>Electrical features</b>			
Rated insulation voltage $U_i$ IEC/EN	V	400	
Rated impulse withstand voltage $U_{imp}$	kV	6	
Rated operational voltage AC (IEC)	VAC	230/400	
Rated frequency	Hz	50/60	
Rated current ( $I_n$ )	A	100	
Tripping curve	D		
Short circuit rating (IEC)	kA	10	
Power dissipation per pole max	W	14	
<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	3.2
	max	Nm	3.5
	min	Ibin	28.3
	max	Ibin	31
Terminals tool	Pz 2		
Conductor section	IEC		
	min	mm <sup>2</sup>	2.5
	max	mm <sup>2</sup>	50
	AWG/Kcmil		
	min	14	
	max	1/0	
Weight	g		680
Frontal IP degree	IP20		
Pollution degree	3		
<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 60947-2		
	UL 1077		
Certifications	cURus		
	EAC		

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TÜV-Rheinland

ETIM classification

ETIM 8.0

EC000042 -  
Miniature circuit  
breaker (MCB)