

Product designation	Miniature circuit breaker (MCB)		
Product type designation	P1 MB		
Number of poles	2P		
Number of DIN modules	2		
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	230/400	
Rated operational voltage DC	VDC	80	
Rated frequency	Hz	50/60	
Rated current (I_n)	A	1.6	
Tripping curve	D		
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	
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 ² 1
		max	mm ² 35
	AWG/Kcmil	min	14
		max	6
Mechanical life	cycles	20000	
Weight	g	230	
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)		