

Product designation	Miniature circuit breaker (MCB)				
Product type designation	P1 MB				
Number of poles	1P				
Number of DIN modules	1				
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			
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			
Limiting class	3				
Electrical life	cycles	10000			
Power dissipation per pole max	W	1.07			
<b>Ambient conditions</b>					
Operating temperature	min	$^{\circ}\text{C}$	-40		
	max	$^{\circ}\text{C}$	+70		
Storage temperature	min	$^{\circ}\text{C}$	-40		
	max	$^{\circ}\text{C}$	+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	$\text{mm}^2$	1		
	max	$\text{mm}^2$	35		
AWG/Kcmil	min	14			
	max	kcmil	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			
<b>ETIM classification</b>					
ETIM 8.0	EC000042 - Miniature circuit breaker (MCB)				