

Product designation	Miniature circuit breaker (MCB)	
Product type designation	P1 MB	
Number of poles	3P	
Number of DIN modules	3	
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 frequency	Hz	50/60
Rated current (I_n)	A	1.6
Tripping curve	C	
Short circuit rating (IEC)	kA	10
Limiting class		3
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

Mechanical features			
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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

Conductor section			Pz 2
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IEC

	min	mm ²	1
	max	mm ²	35

AWG/Kcmil

	min		14
	max	kcmil	6

Mechanical life

		cycles	20000
Weight		g	345

Frontal IP degree

			IP20
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Pollution degree

			2
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Grid distance as per Annex H.1 of IEC/EN60898-1 standard

	mm	60
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ETIM classification

ETIM 8.0	EC000042 -
	Miniature circuit breaker (MCB)