



Product designation	Miniature circuit breaker (MCB)
Product type designation	P1 MB
Number of poles	2P
Number of DIN modules	3
Compliance	IEC / UL1077

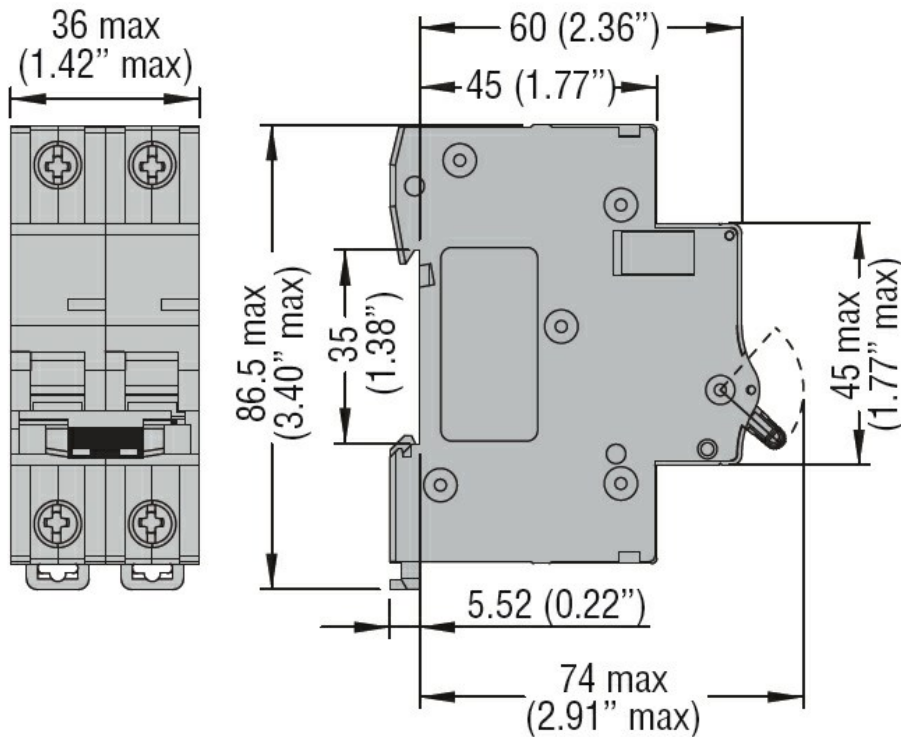
Electrical features			
Rated insulation voltage U_i IEC/EN	V		440
Rated impulse withstand voltage U_{imp}	kV		4
Rated operational voltage AC (IEC)	VAC		230/400
Rated operational voltage DC	VDC		80
Rated frequency	Hz		50/60
Rated current (I_n)	A		8
Tripping curve			D
Short circuit rating (IEC)	kA		10
Electrical life	cycles		10000
Power dissipation per pole max	W		0.96

Ambient conditions			
Operating temperature	min	°C	-40
	max	°C	+70
Storage temperature	min	°C	-40
	max	°C	+80
Max altitude	m		2000

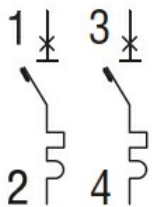
Mechanical features				
Operating position		normal	Vertical plan	
Fixing			35mm DIN rail	
Tightening torque for terminals	min	Nm	1.8	
	max	Nm	2	
	min	lbin	16	
	max	lbin	17.7	
Terminals tool			Pz 2	
Conductor section	IEC	min	mm ² 1	
		max	mm ² 35	
	AWG/Kcmil	min	14	
		max	6	
	Mechanical life		cycles	20000
	Weight		g	230
Frontal IP degree			IP20	

Pollution degree	2
Grid distance as per Annex H.1 of IEC/EN60898-1 standard	mm 60

Dimensions



Wiring diagrams



Certifications and compliance

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
EAC
TÜV-Rheinland

ETIM classification

ETIM 8.0	EC000042 - Miniature circuit breaker (MCB)
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