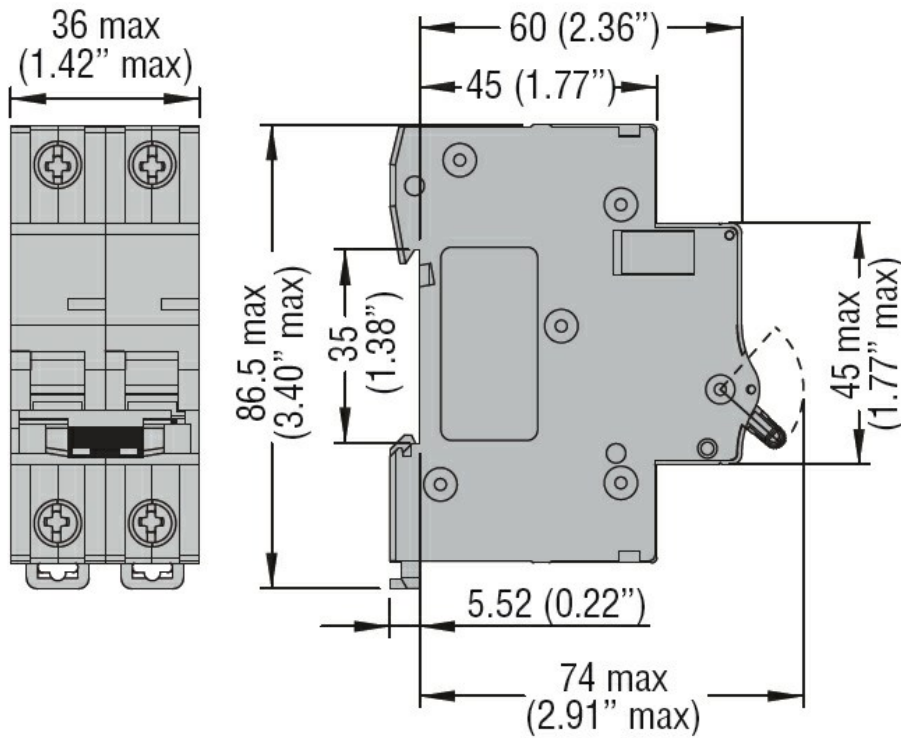


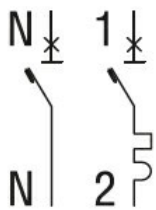


Product designation	Miniature circuit breaker (MCB)		
Product type designation	P1 MB		
Number of poles	1P+N		
Number of DIN modules	2		
Compliance	IEC		
Electrical features			
Rated insulation voltage U_i IEC/EN	V	440	
Rated impulse withstand voltage U_{imp}	kV	4	
Rated operational voltage AC (IEC)	VAC	230/400	
Rated frequency	Hz	50/60	
Rated current (I_n)	A	50	
Tripping curve		C	
Short circuit rating (IEC)	kA	6	
Electrical life	cycles	10000	
Power dissipation per pole max	W	3.5	
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
			35mm DIN rail
Fixing			35mm DIN rail
Tightening torque for terminals	min	Nm	1.8
	max	Nm	2
	min	Ibin	16
	max	Ibin	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	190
Frontal IP degree			IP20
Pollution degree			2

Dimensions [mm (in)]



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 60898-1
IEC/EN 60947-2

Certifications

EAC
TÜV-Rheinland

ETIM classification

ETIM 8.0

EC000042 -
Miniature circuit
breaker (MCB)