P1MB1MC25

Miniature circuit breaker, 1P+N - 6kA. 1 module, characteristic C, 25A



Product designation			Miniature circuit breaker (MCB)
Product type designation			P1 MB
Number of poles			1P+N
Number of DIN modules			1
Compliance			IEC
Electrical features			
Rated insulation voltage Ui IEC/EN		V	440
Rated impulse withstand voltage Uimp		kV	4
Rated operational voltage AC (IEC)		VAC	230
Rated frequency		Hz	50/60
Rated current (In)		A	25
Tripping curve			C
Short circuit rating (IEC)		kA	6
Power dissipation per pole max		W	2.13
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	1.1
	max	Nm	1.2
	min	lbin	9.7
	max	lbin	10.6
Terminals tool			Pz 2
Conductor section			
IEC			
	min	mm²	1
	max	mm²	16
AWG/Kcmil			
	min		14
	max		6
Weight		g	115
Frontal IP degree			IP20
Pollution degree			2
Dimensions			

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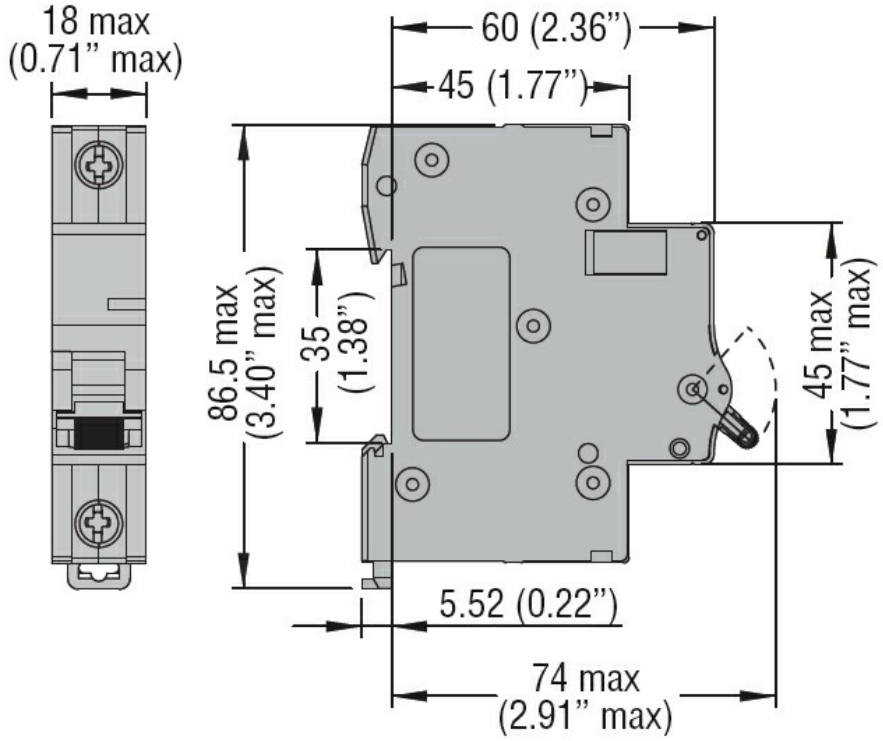

Wiring diagrams

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)

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