



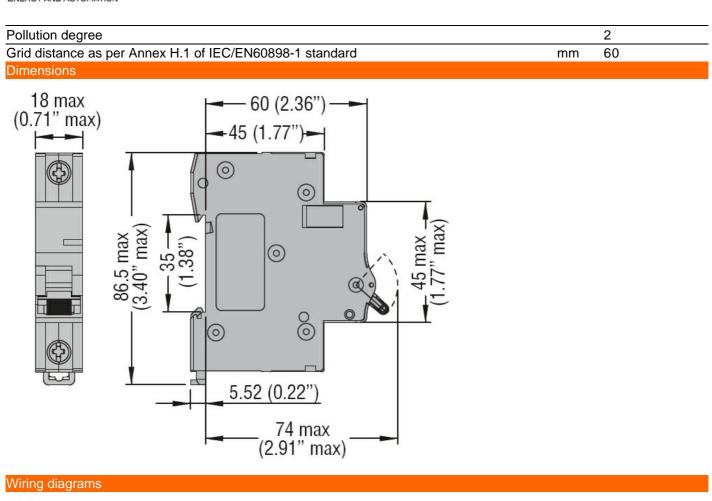
Product designation			Miniature circui
			breaker (MCB)
Product type designation			P1 MB
Number of poles Number of DIN modules			1P 1
Compliance			IEC / UL1077
Electrical features			IEC/ ULIU//
Rated insulation voltage Ui IEC/EN		V	440
-		kV	440
Rated impulse withstand voltage Uimp			
Rated operational voltage AC (IEC) Rated operational voltage DC		VAC VDC	230
-			80
Rated frequency		Hz	50/60
Rated current (In)		Α	20
Tripping curve			D
Short circuit rating (IEC)		kA	10
Electrical life		cycles	10000
Power dissipation per pole max		W	1.56
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	mm²	1
	max	mm²	35
AWG/Kcmil			
	min		14
	max		6
Mechanical life		cycles	20000
Weight		g	115
Frontal IP degree			IP20



P1MB1PD20

MINIATURE CIRCUIT BREAKER, 1P - 10KA. 1 MODULE, CHARACTERISTIC D, 20A

ENERGY AND AUTOMATION



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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		
		EC000042 -
ETIM 8.0		Miniature circuit

Miniature circuit breaker (MCB)

ETIM 8.0