



Product designation			Miniature circuit
•			breaker (MCB) P1 MB
Product type designation			2P
Number of poles Number of DIN modules			2
Compliance			Z IEC / UL1077
Electrical features			
Rated insulation voltage Ui IEC/EN		V	440
Rated impulse withstand voltage Uimp		kV	4
Rated operational voltage AC (IEC)		VAC	230/400
Rated operational voltage DC		VDC	80
Rated frequency		Hz	50/60
Rated current (In)		A	50
Tripping curve		Λ	B
Short circuit rating (IEC)		kA	10
Electrical life		cycles	10000
Power dissipation per pole max		W	3.5
Ambient conditions		vv	5.5
Operating temperature			
	min	°C	-40
	max	°C	+70
Storage temperature	Пах	0	170
	min	°C	-40
	max	°C	+80
Max altitude	Пах	 	2000
Mechanical features			2000
Operating position			
	normal		Vertical plan
Fixing	normal		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	mm²	1
	max	mm²	35
AWG/Kcmil		· ·	
	min		14
			6
	max		0
Mechanical life	max	cycles	
Mechanical life Weight	max	cycles g	20000 230

P1MB2PB50

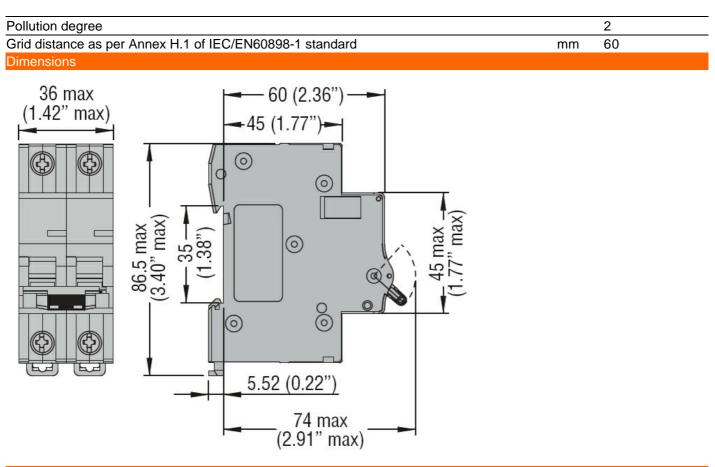
The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



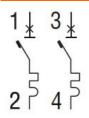
P1MB2PB50

MINIATURE CIRCUIT BREAKER, 2P - 10KA. 2 MODULES, CHARACTERISTIC B, 50A

ENERGY AND AUTOMATION



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			
		EC000042 -	
ETIM 8.0		Miniature circuit	

breaker (MCB)