

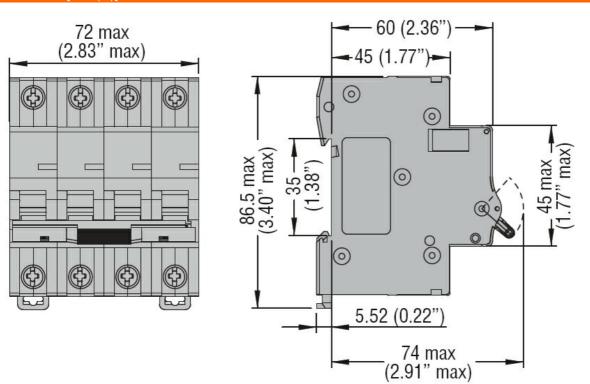


Product type designation Pri MB Number of poles 4P Number of DIN modules 4 Compliance IEC / UL 107 Filectrical features V 440 Rated insulation voltage Ui IEC/EN V 440 Rated insulation voltage Ui IEC/EN V 4 Rated insulation voltage Ui IEC/EN V 4 Rated operational voltage AC (IEC) VAC 230/400 Rated frequency Hz 50/60 Rated current (In) A 1 Tripping curve C C Short circuit rating (IEC) KA 10 Electrical life cycles 10000 Power dissipation per pole max W 1.07 Ambient conditions Operating temperature M 1.07 Storage temperature M 2000 Machanical features Operating position 0 Fixing Torque for terminals Nm 2 min Nm 1.8 max Nm 2 min Isin 16 max Ibin 17.7 Terminals tool P2.2	Miniature circuit	designation
Number of poles 4P Number of DIN modules 4 Compliance IEC / UL 107 Electrical features IEC / UL 107 Rated insulation voltage Ui IEC/EN V 440 Rated insulation voltage Ui IEC/EN V 440 Rated operational voltage AC (IEC) VAC 230/400 Rated frequency Hz 50/60 Rated current (In) A 1 Tripping curve C Solo60 Short circuit rating (IEC) kA 10 Electrical Ifie cycles 10000 Power dissipation per pole max W 1.07 Ambient conditions W 1.07 Operating temperature min °C - 40 max °C + 40 max °C + 40 max °C + 40 max °C + 40 Max altitude m 2000 Mechanical features Operating position min °C - 40 max °C + 40 max °C + 40 Max altitude m 2000 Mechanical features 0000 Operating position min Nm 1	breaker (MCB)	-
Number of DIN modules 4 Compliance IEC / UL107 Electrical features IEC / UL107 Rated insulation voltage UI IEC/EN V 440 Rated insulation voltage UI IEC/EN V 440 Rated insulation voltage UI IEC/EN V 4 Rated coperational voltage AC (IEC) VAC 230/400 Rated current (In) A 1 Tripping curve C Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Power dissipation per pole max W 1.07 Ambient conditions Umax °C +70 Storage temperature min °C +40 max °C +70 Storage temperature min °C +80 Max altitude m 2000 Mechanical features UNIT 1.8 Operating position min °C +80 Max altitude mormal Vertical plan Fixing 35mm DIN / Tightening torque for terminals 35mm DIN / Tightening torque for terminals		
Compliance IEC / UL107 Electrical features v 440 Rated insulation voltage Uinp kV 4 Rated inpulse withstand voltage Uimp kV 4 Rated operational voltage QC(IEC) VAC 230/400 Rated frequency Hz 50/60 Rated current (In) A 1 Tripping curve C Short circuit rating (IEC) kA Short circuit rating (IEC) kA 10 Electrical life Operating temperature with 1.07 Ambient conditions Operating temperature min °C -40 rax °C +70 Storage temperature min °C -40 max °C +80 Max altitude m 2000 Metaal features Operating position mormal Vertical plan Fixing 35mm DIN r 35mm DIN r Tightening torque for terminals min Nm 1.8 max Nm 2 min lbin 16 max lbin 17.7 min lbin 16 max lbin 17.7 Terminals tool Pz 2 Conductor section IEC		·
Electrical features V 440 Rated insulation voltage Ui IEC/EN V 44 Rated impulse withstand voltage UIIP kV 4 Rated insulation voltage AC (IEC) VAC 230/400 Rated frequency Hz 50/60 Rated current (In) A 1 Tripping curve C Short circuit rating (IEC) kA Electrical life cycles 10000 Power dissipation per pole max W 1.07 Ambient conditions W 1.07 Operating temperature min °C -40 max °C +70 Storage temperature min °C -40 Max altitude m 2000 Mechanical features Operating position Tightening torque for terminals Tightening torque for terminals Fixing 35mm DIN r 1.8 max Nm 2 Terminals tool C2 22 Conductor section Pz 2 Conductor section IEC IEC IEC IEC		
Rated insulation voltage Ui IEC/EN V 440 Rated impulse withstand voltage Uimp kV 4 Rated operational voltage AC (IEC) VAC 230/400 Rated current (In) A 1 Tripping curve C Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Power dissipation per pole max W 1.07 Ambient conditions Operating temperature min °C -40 Max altitude max °C +70 Storage temperature min °C -40 Max altitude m 2000 Mechanical features Operating position mormal Vertical plan Fixing 35mm DIN r 18 max Nm 2 min fixing 35mm DIN r 16 max Nm 2 2 min		
Rated impulse withstand voltage Ulimp kV 4 Rated operational voltage AC (IEC) VAC 230/400 Rated frequency Hz 50/60 Rated current (In) A 1 Tripping curve C Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Power dissipation per pole max W 1.07 Ambient conditions W 1.07 Ambient conditions Operating temperature min °C -40 Max altitude max °C +70 Storage temperature min °C -40 Max altitude max °C +80 max °C +80 Max altitude max °C +80 max °C +80 Max altitude max °C +80 max °C +80 Max altitude max °C +80 max °C +2000 Mechanical features min normal Vertical plan 2000 Min 1.8 max Nm 2 min <	V 440	
Rated operational voltage AC (IEC) VAC 230/400 Rated frequency Hz 50/60 Rated current (In) A 1 Tripping curve C Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Power dissipation per pole max W 1.07 Ambient conditions W 1.07 Ambient conditions W 1.07 Operating temperature min °C -40 max °C +70 Storage temperature min °C -40 max °C +80 Max altitude max °C +80 max °C +80 Max altitude min °C -40 max °C +80 Max altitude max °C +80 max °C +80 Max altitude max min 10 10 10 10 Fixing 35mm DIN r 35mm DIN r 16 max 10 17.7 Terminals tool Pz 2 Conductor section Pz 2 2		•
Rated frequency Hz 50/60 Rated current (In) A 1 Tripping curve C Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Power dissipation per pole max W 1.07 Ambient conditions 0 0 Operating temperature min °C -40 max °C +70 0 Storage temperature min °C -40 Max altitude m 2000 0 Mechanical features min °C +80 Max altitude m 2000 0 Mechanical features min °C +40 max °C +80 0 Fixing 35mm DIN r 10 10 Fixing 35mm DIN r 1.8 max Nm 2 min Ibin 16 max 10 17.7 Terminals tool Pz 2 Conductor section Pz 2 2 0 IEC IEC		
Rated current (In) A 1 Tripping curve C Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Power dissipation per pole max W 1.07 Ambient conditions 0 0 Operating temperature min °C -40 max °C +70 Storage temperature min °C -40 Max altitude m 2000 Mechanical features m 2000 Operating position normal Vertical plan Fixing 35mm DIN r 1.8 max Nm 1.8 max min Ibin 16 mix Ibin 17.7 Terminals tool Pz 2 Pz 2 Conductor section IEC Pz 2		
Tripping curve C Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Power dissipation per pole max W 1.07 Ambient conditions W 1.07 Operating temperature min °C -40 max °C +70 Storage temperature min °C -40 Max altitude m 2000 Mechanical features operating position Tightening torque for terminals Fixing 35mm DIN r 1.8 Tightening torque for terminals min 16 max Nm 2 2 Conductor section IEC Pz 2		
Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Power dissipation per pole max W 1.07 Ambient conditions W 1.07 Operating temperature min °C -40 max °C +70 Storage temperature min °C -40 Max altitude m 2000 Mechanical features m 2000 Operating position normal Vertical plan Fixing 35mm DIN r 1.8 max Nm 2 min Ibin 16 max Ibin 16 max Ibin 17.7 Terminals tool Pz 2 Pz 2 Conductor section Pz 2		
Electrical life cycles 10000 Power dissipation per pole max W 1.07 Ambient conditions W 1.07 Operating temperature min °C -40 max °C +70 Storage temperature min °C -40 Max altitude m 2000 Mechanical features m 2000 Operating position normal Vertical plan Fixing 35mm DIN r 1.8 Tightening torque for terminals min Nm 1.8 min Ibin 16 max Ibin 16 min<		
Power dissipation per pole max W 1.07 Ambient conditions Operating temperature min °C -40 Max °C +70 *70 *70 Storage temperature min °C -40 Max altitude m 2000 ************************************		
Ambient conditions Operating temperature min °C -40 max °C +70 Storage temperature min °C -40 max °C -40 max °C +80 Max altitude m 2000 2000 Mechanical features 000 Operating position mormal Vertical plan 7 7 Fixing 35mm DIN r 1.8 max Nm 2 min Ibin 16 max 16 max 1bin 17.7 Terminals tool Pz 2 Conductor section Pz 2 0 0 0	-	
Operating temperature min or C +40 max min or C +70 Storage temperature min or C +80 Max altitude max or C +80 Max altitude max or C +80 Max altitude model Vertical features Operating position Image: temperature for terminals Image: temperature for terminals min n min n Nm 1.8 max Nm Image: temperature min n Nm Image: temperature Image: temperature <t< td=""><td></td><td></td></t<>		
min °C -40 max °C +70 Storage temperature min °C -40 max °C -40 max °C +80 Max altitude m 2000 Mechanical features mormal Vertical plan Operating position normal Vertical plan 35mm DIN r Tightening torque for terminals min Nm 1.8 max Nm 2 min Ibin 16 max Ibin 17.7 Terminals tool Pz 2 Conductor section Pz 2 Conductor section IEC IEC Image: Note the second se		
max°C+70Storage temperaturemin°C-40max°C+80Max altitudem2000Mechanical featuresm2000Operating positionnormalVertical planFixing35mm DIN rTightening torque for terminalsminNm1.8maxNm2minIbin16maxIbin17.7Terminals toolPz 2IEC	nin °C -40	
Storage temperature min °C -40 max °C +80 Max altitude m 2000 Mechanical features m 2000 Operating position normal Vertical plan Fixing 35mm DIN r 35mm DIN r Tightening torque for terminals min Nm 1.8 max Nm 2 min Ibin 16 max Ibin 17.7 Terminals tool Pz 2 2 Conductor section IEC IEC IEC IEC		
min °C -40 max °C +80 Max altitude m 2000 Mechanical features 0 Operating position normal Vertical plan Fixing 35mm DIN r Tightening torque for terminals min Nm min Nm 1.8 max Nm 2 min Ibin 16 max Ibin 17.7 Terminals tool Pz 2 Conductor section IEC		
max°C+80Max altitudem2000Mechanical features0Operating positionnormalVertical planFixing35mm DIN rTightening torque for terminalsminNm1.8maxNm2minIbin16maxIbin17.7Terminals toolPz 2IECIEC	nin °C -40	•
Max altitude m 2000 Mechanical features Operating position Image: Stress of the stress		
Mechanical features Operating position normal Vertical plan Fixing 35mm DIN r Tightening torque for terminals min Nm 1.8 max Nm 2 min Ibin 16 max Ibin 17.7 Terminals tool Pz 2 IEC IEC IEC IEC		
Operating position normal Vertical plan Fixing 35mm DIN r Tightening torque for terminals min Nm 1.8 min Nm 2 min Ibin 16 max Ibin 17.7 Terminals tool Pz 2 IEC IEC IC IC IC		
normal Vertical plan Fixing 35mm DIN r 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		
Fixing 35mm DIN r 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 IEC IEC	nal Vertical plan	
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	35mm DIN rail	
min Nm 1.8 max Nm 2 min Ibin 16 max Ibin 17.7 Terminals tool Pz 2 Conductor section		ng torque for terminals
max Nm 2 min Ibin 16 max Ibin 17.7 Terminals tool Pz 2 Conductor section IEC	nin Nm 1.8	
max Ibin 17.7 Terminals tool Pz 2 Conductor section IEC		
max Ibin 17.7 Terminals tool Pz 2 Conductor section IEC	nin Ibin 16	min Ibin
Conductor section IEC	ax Ibin 17.7	max Ibin
IEC	Pz 2	Is tool
		or section
	nin mm² 1	
max mm² 35		
AWG/Kcmil		
min 14	nin 14	
max 6		max
Mechanical life cycles 20000	cycles 20000	cal life cycles
Weight g 460	g 460	g
Frontal IP degree IP20		
Pollution degree 2	2	i degree

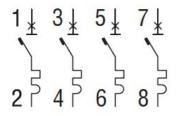
P1MB4PC01



Dimensions [mm (in)]



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			
		EC000040	

ETIM 8.0

EC000042 -Miniature circuit breaker (MCB)