



Product type designation P1 MB Number of poles 3P Number of poles 3P Number of poles IEC / UL489 Electrical features IEC / UL489 Electrical features V 440 Rated insulation voltage Uinpp KV 4 Rated operational voltage AC (UL) V 480Y/277 Rated current (In) A 10 Tripping curve D Short circuit rating (IEC) KA 10 Short circuit rating (UL) KA 10 Electrical life cycles 10000 Power dissipation per pole max W 1.25 Ambient conditions V 4.40 Max altitude max "CC" +70 Storage temperature min "C" +40 Max altitude max "C" +80 1.5 -40 <	Product designation			Miniature circuit breaker (MCB)
Number of DIN modules 3 Compliance IEC / UL489 Electrical features	Product type designation			· · ·
Compliance IEC / UL489 Electrical features v 440 Rated insulation voltage UI IEC/EN v 4 Rated insulation voltage AC (IEC) vAC 230/400 Rated operational voltage AC (IEC) vAC 230/400 Rated operational voltage AC (UL) v 4807/277 Rated operational voltage AC (UL) v 4807/277 Rated frequency Hz 50/60 Rated current (In) A 10 Tripping curve D Short circuit rating (UL) kA 10 Short circuit rating (UL) kA 10 Electrical life cycles 10000 Power dissipation per pole max W 1.25 Ambient conditions Text Operating temperature min °C -40 max °C +70 Storage temperature min °C -40 max °C +80 Max altitude max °C +80 -40 -40 -40 -40 -40 -40 -40	Number of poles			3P
Electrical features V 440 Rated insulation voltage UIEC/EN V 440 Rated insulation voltage UIEC/EN VAC 230/400 Rated operational voltage AC (IEC) VAC 230/400 Rated operational voltage AC (IEC) VAC 230/400 Rated operational voltage AC (UL) V 4807/277 Rated frequency Hz 50/60 Rated frequency A 10 Tripping curve D Short circuit rating (IEC) kA 10 Short circuit rating (UL) kA 10 Short circuit rating (UL) kA 10 Power dissipation per pole max W 1.25 Ambient conditions W 1.25 Arbient conditions W 2.5 Max altitude max °C +70 Storage temperature min °C -40 max °C +80 Max altitude max °C +80 Max Max Max Storage temperature Tormal Vertical plan Fixing	Number of DIN modules			3
Rated insulation voltage Ui IEC/EN V 440 Rated inpulse withstand voltage AC (IEC) KV 4 Rated operational voltage AC (IEC) VAC 230/400 Rated operational voltage AC (UL) V 480Y/277 Rated operational voltage AC (UL) KA 10 Stord circuit rating (UL) KA 10 Short circuit rating (UL) KA 10 Power dissipation per pole max W 1.25 Arhibent conditions min °C -40 Max max °C +40 Max altitude min °C +40 Max altitude min min 2000 Mechanic	Compliance			IEC / UL489
Rated impulse withstand voltage Uimp kV 4 Rated operational voltage AC (IEC) VAC 230/400 Rated operational voltage AC (UL) V 4807/277 Rated frequency Hz 50/60 Rated operational voltage AC (IEC) KA 10 Tripping curve D 50/60 Short circuit rating (IEC) KA 10 Short circuit rating (UL) KA 10 Electrical life cycles 10000 Power dissipation per pole max W 1.25 Ambient conditions W 1.25 Operating temperature min °C -40 max °C +70 Storage temperature min °C -40 Max altitude m 2000 Machanical features Operating position min °C +80 Tightening torque for terminals min Nm 1.8 max Nm 2 min Nm 2 Conductor section IEC </td <td>Electrical features</td> <td></td> <td></td> <td></td>	Electrical features			
Rated operational voltage AC (IEC) VAC 230/400 Rated operational voltage AC (UL) V 480Y/277 Rated frequency Hz 50/60 Rated requency Hz 50/60 Rated requency A 10 Tripping curve D D Short circuit rating (IEC) kA 10 Short circuit rating (UL) kA 10 Electrical life cycles 10000 Power dissipation per pole max W 1.25 Ambient conditions Operating temperature min °C -40 Max °C +70 Storage temperature min °C -40 Max altitude m 2000 max °C +80 Max altitude mm 2 35mm DIN rail Tightening torque for terminals 35mm DIN rail Tightening torque for terminals min 1.8 max Max Max altitude max min 1.6 max 1 Conductor section <td>Rated insulation voltage Ui IEC/EN</td> <td></td> <td>V</td> <td>440</td>	Rated insulation voltage Ui IEC/EN		V	440
Rated operational voltage AC (UL) V 480Y/277 Rated frequency Hz 50/60 Rated current (In) A 10 Tripping curve D Short circuit rating (IEC) kA 10 Short circuit rating (UL) kA 10 D Short circuit rating (UL) kA 10 D Short circuit rating (UL) kA 10 D Power dissipation per pole max W 1.25 Ambient conditions Operating temperature min °C -40 Max altitude m 2000 Max altitude Max altitude m 2000 Mechanical features Operating position Intrama Nm 2 Fixing 35mm DIN rail Tightening torque for terminals min Nm 1.8 max NM 2 min 10 Fixing 7.7 7 7 7 Terminals tool P2 2 2 2 2	Rated impulse withstand voltage Uimp		kV	4
Rated frequency Hz 50/60 Rated current (In) A 10 Tripping curve D D Short circuit rating (IEC) KA 10 Short circuit rating (UL) KA 10 Electrical life cycles 10000 Power dissipation per pole max W 1.25 Ambient conditions W 1.25 Operating temperature min °C -40 max °C +70 Storage temperature min °C -40 Max altitude max °C -40 max °C +80 Max altitude m 2000 max °C -40 Max altitude m 2000 min 1.8 max Nm 2 Operating position normal Vertical plan 16 max 1.8 max Nm 2 min 16 1.7 7 Terminals tool EC max Int 1.7	Rated operational voltage AC (IEC)		VAC	230/400
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Short circuit rating (UL) kA 10 Electrical life cycles 10000 Power dissipation per pole max W 1.25 Ambient conditions 0 min °C -40 max °C +70 storage temperature min °C +40 Max altitude max °C +40 max °C +80 Max altitude max °C +80 max max °C +80 Max altitude max mmax °C +80 max max Nm 2000 Fixing 35mm DIN rail 35mm DIN rail 16 max max Nm 2 Conductor section IEC min Imax	Tripping curve			D
Electrical life cycles 10000 Power dissipation per pole max W 1.25 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 Fixing 0 000 Fixing 0	Short circuit rating (IEC)		kA	10
Power dissipation per pole max W 1.25 Ambient conditions min °C -40 Operating temperature min °C +70 Storage temperature min °C +40 Max altitude max °C +80 Mechanical features m 2000 Operating position normal Vertical plan Fixing 35mm DIN rail 35mm DIN rail Tightening torque for terminals min Nm 1.8 max Nm 2 min 10in 16 max IDIN 16 max 10in 17.7 Terminals tool Pz 2 2 2 2 2 Conductor section IEC min min 14 max 6 Mechanical life cycles 2000 2000 35 35	Short circuit rating (UL)		kA	10
Ambient conditions Operating temperature min °C -40 max °C +70 Storage temperature min °C -40 max °C -40 max °C -40 Max altitude m 2000 -40 max °C +80 Max altitude m 2000	Electrical life		cycles	10000
Operating temperature min °C -40 max °C +70 Storage temperature min °C -40 max Nm 2000 Mechanical features min Nm Operating position normal Vertical plan Fixing 35mm DIN rail 10 Tightening torque for terminals min Nm 1.8 max Nm 2 nin 16 max Ibin 16 nmx Pz 2 Conductor section min min 14 Max	Power dissipation per pole max		W	1.25
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min °C -40 max °C +80 Max altitude m 2000 Mechanical features m 2000 Operating position normal Vertical plan Fixing 35mm DIN rail Tightening torque for terminals min Nm min Nm 1.8 max Nm 2 min Ibin 16 max Ibin 17.7 Terminals tool Pz 2 Pz 2 Conductor section IEC min mm² AWG/Kcmil min 14 max Mechanical life cycles 20000		max	°C	+70
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Fixing 35mm DIN rail Tightening torque for terminals min Nm 1.8 max Nm 2 min Ibin 16 max Ibin 16 max Ibin 17.7 Terminals tool Pz 2 Pz	Operating position			
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Conductor section IEC min mm² 1 max mm² 35 AWG/Kcmil min 14 max 6 6 Mechanical life cycles 20000		max	Ibin	17.7
IEC min mm² 1 max mm² 35 AWG/Kcmil min 14 max 6 Mechanical life cycles 20000	Terminals tool			Pz 2
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AWG/Kcmil min 14 max 6 Mechanical life cycles 20000		min		
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max6Mechanical lifecycles20000	AWG/Kcmil			
Mechanical life cycles 20000		min		
		max		
Weight g 388	Mechanical life		cycles	
	Weight		g	388



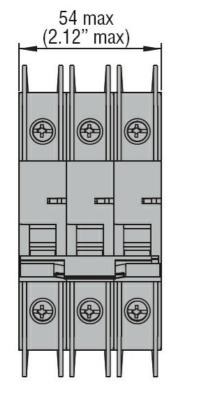
P1MBUH3PD10 MINIATURE CIRCUIT BREAKER, 3P - 10KA. 3 MODULES, CHARACTERISTIC D, 10A

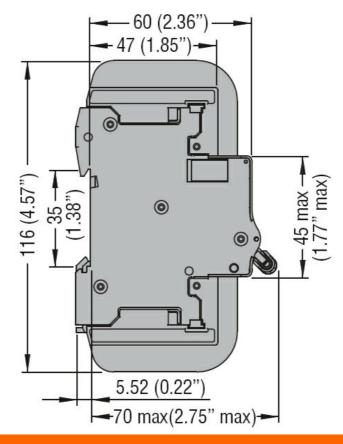
Frontal IP degree

Pollution degree Dimensions

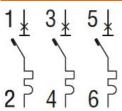


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Wiring diagrams



Certifications and compliance				
Compliance				
	IEC/EN 60947-2			
	UL489			
Certifications				
	cULus			
	EAC			
ETIM classification				
ETIM 8.0		EC000042 - Miniature circuit breaker (MCB)		

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