

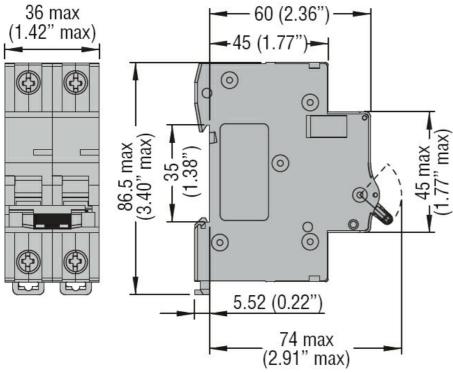


Product type designation Feature of poles Miniature circuits breaker (MCR) Number of DIN modules 2 Compliance 1EC / UL1077 Electrical features IEC / UL1077 Electrical features Y 440 Rated insulation voltage UII EC/EN Y 40 Rated inpulse withstand voltage UImp NC 203/400 Rated operational voltage DC VDC 125 Rated operational voltage DC VDC 125 Rated operational voltage DC X 4 Rated operational voltage DC XDC 125 Rated origination of the proper of				
Product type designation	Draduat designation			Miniature circuit
Number of poles 2P Number of DIN modules 2P Compliance 1EC / UL 1077 Electrical features 1EC / UL 1077 Rated insulation voltage Uil EC/EN V 440 Rated insulation voltage Uimp kV 4 Rated operational voltage DC VDC 125 Rated operational voltage DC VDC 125 Rated frequency L 50/60 Rated current (In) A 40 Tripping curve C C Short circuit rating (IEC) KA 10 Power dissipation per pole max KA 10 Ambient conditions W 3.84 Operating temperature min °C +0 Max altitude m 2000 Mechanical features min °C +40 Operating position min Nm 1.8 Fixing 35mm DIN rail 18 Fixing 35mm DIN rail 18 Fixing 10mm Nm 1.8	Product designation			breaker (MCB)
Number of DIN modules 2 Corpilance IEC / UL1077 Electrical features V 440 Rated insulation voltage UI IEC/EN VX 4 Rated inpulse withstand voltage Ulimp kV 4 Rated operational voltage AC (IEC) VDC 230/400 Rated operational voltage DC VDC 125 Rated frequency L2 50/60 Rated current (In) A 40 Tripping curve KA 10 Short circuit rating (IEC) KA 10 Electrical life v 3.84 Power dissipation per pole max W 3.84 Ambient conditions w 3.84 Operating temperature min °C -40 Max altitude m 2000 Mechanical features min °C +70 Operating position min Nm 1.8 Fixing min Nm 1.8 Fixing min Nm 1.8	Product type designation			P1 MB
Compliance IEC / UL1077 Electrical features ✓ 440 Rated inpulse withstand voltage Ulimp kV 4 Rated operational voltage AC (IEC) VAC 230/400 Rated operational voltage DC VDC 125 Rated frequency Hz 50/60 Rated frequency Rated frequency C Rated frequency Rate frequency C Rated frequency Rate frequency C Rated frequency Rate frequency Rate frequency C Rated frequency Rate frequency Rate frequency C C Short circuit rating (IEC) kA 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Number of poles			2P
Electrical features V 440 Rated insulation voltage Uimp kV 4 Rated operational voltage C(IEC) VAC 230/400 Rated operational voltage DC VDC 125 Rated doperational voltage DC Hz 50/60 Rated current (In) A 40 Tripping curve C C Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Power dissipation per pole max W 3.84 Ambient conditions W 3.84 Operating temperature min °C -40 Max °C +70 ** Storage temperature min °C -40 Max altitude m 2000 ** Mechanical features ** ** ** Operating position normal Vertical plan ** Fixing 35mm DIN rail ** ** Fixing nin Nm 1.8	Number of DIN modules			2
Rated insulation voltage Uir IEC/EN V 440 Rated impulse withstand voltage UImp RV 4 Rated operational voltage AC (IEC) VDC 230/400 Rated operational voltage DC VDC 125 Rated current (In) A 40 Tripping curve C C Short circuit rating (IEC) KA 10 Electrical life cycles 10000 Power dissipation per pole max W 3.84 Ambient conditions W 3.84 Operating temperature min °C -40 max °C +70 Storage temperature min °C -40 Max altitude m 2000 Mechanical features 0 -40 Operating position normal Vertical plan Fixing 35mm DIN rail Tightening torque for terminals min Nm 1.8 min Nm 1.8 1.8 min Ibin 16 1.	Compliance			IEC / UL1077
Rated impulse withstand voltage Ulimp kV 4 Rated operational voltage AC (IEC) VAC 230/400 Rated operational voltage DC VDC 125 Rated frequency Hz 50/60 Rated current (In) A 40 Tripping curve C C Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Power dissipation per pole max W 3.84 Ambient conditions min °C -40 Max abilitity min °C -40 max °C -40 max °C +70 Storage temperature min °C -40 max °C +80 Max altitude mormal vertical plan vertical plan vertical plan stanting Time Time <td< td=""><td>Electrical features</td><td></td><td></td><td></td></td<>	Electrical features			
Rated operational voltage AC (IEC) VAC 230/400 Rated operational voltage DC VDC 125 Rated frequency Hz 50/60 Rated current (In) A 40 Tripping curve C C Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Power dissipation per pole max W 3.84 Ambient conditions W 3.84 Operating temperature min °C -40 Max altitude m 2000 Mechanical features min °C -40 Operating position normal Vertical plan Vertical plan Fixing 35mm DIN rail 1 Tightening torque for terminals min Nm 1.8 max nm 2 2 Conductor section min nm 16 min nm 1 1 max nm 35 2 Conductor sec	Rated insulation voltage Ui IEC/EN		V	440
Rated operational voltage DC VDC 125 Rated frequency Hz 50/60 Rated current (In) A 40 Tripping curve C C Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Power dissipation per pole max W 3.84 Ambient conditions W 3.84 Operating temperature min °C -40 Max °C +70 Storage temperature min °C -40 Max altitude m 2000 Mechanical features Operating position Vertical plan Fixing 35mm DIN rail Tightening torque for terminals min Nm 1.8 max Nm 2 1.0 Terminals tool min nm 1.6 Conductor section min mm 1.6 AWG/Kcmil min mm 1.4 Mechanical life cycles 20	Rated impulse withstand voltage Uimp		kV	4
Rated frequency Hz 50/60 Rated current (In) A 40 Tripping curve C C Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Power dissipation per pole max W 3.84 Ambient conditions W 3.84 Operating temperature min °C -40 Max and temperature min °C -40 Max altitude m 2000 Mechanical features min 2000 Operating position normal Vertical plan Fixing 35mm DIN rail Tightening torque for terminals min Nm 1.8 max Nm 2 min 16 Terminals tool min 16 max 17.7 Terminals tool min min 16 min 17.7 Terminals tool min min 16 min min 17.7 Terminals	Rated operational voltage AC (IEC)		VAC	230/400
Rated current (in) A 40 Tripping curve C Short circuit rating (IEC) KA 10 Electrical life cycles 10000 Power dissipation per pole max W 3.84 Ambient conditions Operating temperature min °C -40 max °C +70 Storage temperature min °C -40 max Nm<	Rated operational voltage DC		VDC	125
Tripping curve C Short circuit rating (IEC) kA 10 Electrical life cycles 100000 Power dissipation per pole max W 3.84 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 max lbin 17.7 Terminals tool pz 2 Conductor section IEC min max mm² 1 max mm² 1 max mm² 35 AWG/Kcmil min max mm² 1 max 6 Mechanical life cycle 20000 Weight g 230	Rated frequency		Hz	50/60
Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Power dissipation per pole max W 3.84 Ambient conditions Operating temperature min °C -40 max °C +70 Storage temperature min °C -40 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 nin 10n 1.7 Terminals tool EC Conductor section IEC min mm 1 nm 2 2 AWG/Kcmil min mm 14 nm 6 4 4 6 4 6 4 6 4 6 4 6 4 6 6 4	Rated current (In)		Α	40
Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Power dissipation per pole max W 3.84 Ambient conditions Operating temperature min °C -40 max °C +70 Storage temperature min °C -40 max °C +80 Max altitude min 2000 Mechanical features Operating position Fixing 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 Max altitude min mm² 1 max mm² 35 AWG/Kcmil min mm² 14 max 6 Mechanical life cycles 20000	Tripping curve			С
Electrical life			kA	10
Ambient conditions			cycles	10000
Ambient conditions	Power dissipation per pole max		W	3.84
Min				
Max C +70	Operating temperature			
Storage temperature min max °C max -40 max °C max +80 max Moderance Mod		min	°C	-40
Max altitude min max °C +40 +80 Max altitude m 2000 Mechanical features Operating position Fixing 35mm DIN rail Tightening torque for terminals min Nm 1.8 max Nm 2 min 1bin 16 max Nm 2 min 1bin 16 max 1bin 17.7 Terminals tool Pz 2 Conductor section IEC min mm² 1 mm² 1 max mm² 35 AWG/Kcmil min mm² 14 max 6 Mechanical life cycles 20000 Weight g 230		max	°C	+70
Max altitude min max °C +40 +80 Max altitude m 2000 Mechanical features Operating position Fixing 35mm DIN rail Tightening torque for terminals min Nm 1.8 max Nm 2 min 1bin 16 max Nm 2 min 1bin 16 max 1bin 17.7 Terminals tool Pz 2 Conductor section IEC min mm² 1 mm² 1 max mm² 35 AWG/Kcmil min mm² 14 max 6 Mechanical life cycles 20000 Weight g 230	Storage temperature			
Max altitude m 2000 Mechanical features Operating position Fixing 35mm DIN rail Tightening torque for terminals min Nm 1.8 min Nm 2 Terminals tool Pz 2 Conductor section IEC min mm² 1 AWG/Kcmil min min 14 min 14 max 6 Mechanical life cycles 20000 Weight g 230		min	°C	-40
Mechanical features Operating position Fixing 35mm DIN rail Tightening torque for terminals min Nm Nm 1.8 max Nm 2 mmx Nm 2 mmx lbin 16 max lbin 16 max lbin 17.7 Terminals tool Pz 2 Conductor section IEC min mm² 1 nm² 35 AWG/Kcmil min max max 6 Mechanical life cycles 20000 Weight g 230		max	°C	+80
Operating position Fixing 35mm DIN rail Tightening torque for terminals min Nm Nm 1.8 max Nm 2 min Ibin 16 max Ibin 17.7 Terminals tool Pz 2 Conductor section IEC min mm² 14 max mm² 35 AWG/Kcmil min min min mm² 14 max 6 Mechanical life cycles 20000 Weight g 230	Max altitude		m	2000
Fixing Journals Tightening torque for terminals min kmax Nm 1.8 max Nm 2 min kmax lbin kmax 16 max lbin kmax 17.7 Terminals tool Pz 2 Conductor section IEC min kmax 14 AWG/Kcmil min kmax 14 Mechanical life cycles 20000 Weight g 2300	Mechanical features			
Fixing 35mm DIN rail Tightening torque for terminals min Nm 1.8 max Nm 2 min 1bin 16 max 1bin 17.7 Terminals tool Pz 2 Conductor section Pz 2 IEC min mm² 1 max mm² 35 AWG/Kcmil min max mm² 35 Mechanical life cycles 20000 Weight g 230	Operating position			
Tightening torque for terminals min max Nm max Nm		normal		Vertical plan
Mechanical life Min Nm 1.8 max Nm 2 min Ibin 16 max Ibin 17.7	Fixing			35mm DIN rail
Mechanical life Max Nm 2 min lbin 16 max lbin 17.7	Tightening torque for terminals			
Mechanical life min max lbin max lbi		min	Nm	1.8
Terminals tool		max	Nm	2
Terminals tool Pz 2		min	lbin	16
Conductor section IEC		max	lbin	17.7
IEC	Terminals tool			Pz 2
min mx mm² mx 1 mm² 35 AWG/Kcmil min mx 14 max Mechanical life cycles 20000 Weight g 230	Conductor section			
Mechanical life max mm² 35 Meight 14 6 Weight g 230	IEC			
AWG/Kcmil min max 14 max 6 Mechanical life cycles 20000 Weight g 230		min		
min max 14 max Mechanical life cycles 20000 Weight g 230		max	mm²	35
Mechanical life cycles 20000 Weight g 230	AWG/Kcmil			
Mechanical lifecycles20000Weightg230		min		
Weight g 230		max		
			cycles	
Frontal IP degree IP20			g	
	Frontal IP degree			IP20

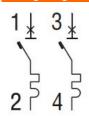


ENERGY AND AUTOMATION

Pollution degree		2
Grid distance as per Annex H.1 of IEC/EN60898-1 standard	mm	60
Dimensions		



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

ETIM 8.0

P1MB2PC40

EC000042 -Miniature circuit breaker (MCB)