



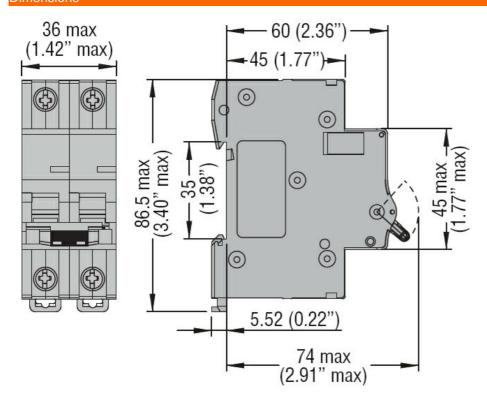
Product designation Image of poles Image of poles Image of poles Image of poles Pol MB Number of poles 2 2 Number of poles 1 2 Number of DIN modules 2 1 Compliance IEC / UL1077 IEC / UL1077 Electrical features IEC / UL1077 IEC / UL1077 Rated insulation voltage UI IEC/EN V 4 4 Rated inpulse withstand voltage Ulimp K 4 2 30/400 Rated operational voltage DC VDC 80 30 </th <th></th> <th></th> <th></th> <th>W. Constitution of the Con</th>				W. Constitution of the Con
Product type designation	Product designation			
Number of poles 2P Number of DIN modules 2 Compliance 1EC / UL1077 Electrical features 3 Rated insulation voltage UII EC/EN V 440 Rated insulation voltage Uimp kV 4 Rated operational voltage DC VDC 80 Rated operational voltage DC VDC 80 Rated operational voltage DC L 50/60 Rated Grequency H 50/60 Rated Grequency L C Rated Gurrent (In) A 2 Tripping curve C VDC Short circuit rating (IEC) kA 10000 Power dissipation per pole max W 0,96 Ambient conditions m °C +70 Storage temperature min °C +40 Max altitude m 2000 Mechanical features mm 2000 Operating position mm 18 Fixing nmm 18 Imac				` ,
Number of DIN modules Ec Lec	**			
Compliance IEC / UL1077 Electrical features x 440 Rated insulation voltage UIIEC/EN kV 4 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 2 Tripping curve C C Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Power dissipation per pole max W 0 Ambient conditions W 0 Storage temperature min °C 40 Max altitude m 200 Mechanical features w 200 Operating position normal V Vertical plan Fixing normal N 2 Fixing normal N 2 Fixing normal N 2	•			
Electrical features V 440 Rated insulation voltage Uimp kV 4 Rated operational voltage AC (IEC) VAC 230/400 Rated operational voltage DC VDC 80 Rated corrent (In) A 2 Rated current (In) A 2 Tripping curve KA 10 Short circuit rating (IEC) KA 10 Electrical life cycles 10000 Power dissipation per pole max W 0.96 Ambient conditions W 0.96 Operating temperature min °C -40 Max attitude m 200 -40 Max attitude m 200 -40 Mechanical features min °C -40 Operating position normal vertical plan Fixing 35mm DIN rail Tightening torque for terminals min Nm 1.8 max Nm 2 2 Conductor section min				
Rated insulation voltage Uir IEC/EN V 440 Rated impulse withstand voltage LICD kV 230/400 Rated operational voltage DC VDC 80 Rated operational voltage DC VDC 80 Rated current (In) A 2 Tripping curve C C Short circuit rating (IEC) kA 10 Electrical life voles 10000 Power dissipation per pole max W 0.96 Ambient conditions W 0.96 Operating temperature min "C -40 Max "C -40 max "C -40 Max altitude max "C -40 max "C -40 Mechanical features To perating position min "D Vertical plan 1	·			IEC / UL10//
Rated impulse withstand voltage Ulimp 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 2 Tripping curve C C Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Power dissipation per pole max W 0.96 Ambient conditions W 0.96 Operating temperature min °C -40 max °C -40				4.40
Rated operational voltage AC (IEC) VAC 230/400 Rated operational voltage DC VDC 80 Rated frequency Hz 50/60 Rated current (In) A 2 Tripping curve C C Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Power dissipation per pole max W 0.96 Ambient conditions W 0.96 Operating temperature min °C -40 Max altitude m 2000 Mechanical features min °C -40 Operating position mormal Vertical plan Vertical plan Fixing normal Vertical plan Nm 2 Tightening torque for terminals min Nm 1.8 max nm 2 2 Conductor section min min nm 2 IEC min mm nm 2 AWG/Kcmil m				
Rated operational voltage DC VDC 80 Rated frequency Hz 50/60 Rated current (In) A 2 Tripping curve C C Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Power dissipation per pole max W 0,96 Ambient conditions W 0,96 Ambient conditions To -40 Max °C -40 Max at the conditions max °C -40 Max Max °C -40 Max ** ** -40 Max ** ** ** ** ** ** ** ** ** ** <td></td> <td></td> <td></td> <td></td>				
Rated frequency Hz 50/60 Rated current (In) A 2 Tripping curve C C Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Power dissipation per pole max W 0.96 Ambient conditions W 0.96 Ambient conditions To 40 Max and the conditions Operating temperature min °C -40 *** Storage temperature min °C -40 ***				
Rated current (in) A 2 Tripping curve C Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Power dissipation per pole max W 0.96 Ambient conditions Operating 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 min 16 Terminals tool min Nm 2 2 Conductor section IEC min mm 17 7 Terminals tool min mm 1 4 max 35 4 AWG/Kcmil 4 4 4 4 4 4 4 4 4 4 4 4 4 4				
Tripping curve C Short circuit rating (IEC) kA 10 Electrical life cycles 100000 Power dissipation per pole max w 0.96 Ambient conditions min °C -40 Operating temperature min °C -40 Max a conditions min °C -40 Storage temperature min °C -40 Max a conditions min °C -40 Fixing normal vertical plan vertical plan Fixing<				
Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Power dissipation per pole max W 0.96 Ambient conditions Operating temperature min °C -40 max °C +70 Storage temperature min °C -40 Max altitude m 2000 Mechanical features onormal Vertical plan Simm DIN rail Tightening torque for terminals min Nm 1.8 max Nm 2 2 min lbin 16 17.7 Terminals tool pz 2 2 Conductor section min mm 1 AWG/Kcmil min min mm 14 Mechanical life cycles 20000 Weight g 230			A	
Electrical life				
Power dissipation per pole max				
Ambient conditions				
Operating temperature min max °C with color with col			W	0.96
Min				
Storage temperature Storage temperature min °C -40 min °C +80 Max altitude m 2000 Mechanical features Operating position Fixing normal Vertical plan Fixing 35mm DIN rail Tightening torque for terminals min Nm 1.8 max Nm 2 min 1bin 15.7 Terminals tool p2 2 Conductor section IEC min mm 1 AWG/Kcmil min mm 35 AWG/Kcmil Mechanical life cycles 20000 Weight g 230	Operating temperature			
Storage temperature min max °C -40 max °C +80 Max altitude m 2000 Mechanical features Toparating position normal Vertical plan Somm DIN rail Tightening torque for terminals min min min min lbin 18 max Nm 2 Terminals tool P 2		min		
Max altitude min max °C +80 Mechanical features Operating position Fixing normal Vertical plan Tightening torque for terminals min Nm Nm 1.8 max Nm 2 min lbin 16 16 max lbin 17.7 Terminals tool Conductor section IEC min mm² 1 1 max mm² 35 AWG/Kcmil min mm² 1 4 max 6 Mechanical life cycles 20000 Weight g 230		max	°C	+70
Max altitude max °C +80 Mechanical features Operating position normal Vertical plan Fixing normal Vertical plan Tightening torque for terminals min Nm 1.8 max Nm 2 min lbin 16 max lbin 17.7 Terminals tool pz 2 Conductor section min mm² 1 AWG/Kcmil min mm² 35 AWG/Kcmil min min 14 max 6 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 max Nm 2 min lbin 16 max lbin 17.7 Terminals tool Pz 2 Conductor section IEC min mm² 1 AWG/Kcmil min mm² 35 AWG/Kcmil min 14 max 6 Mechanical life cycles 20000 Weight g 230		min		
Mechanical features Operating position Fixing 35mm DIN rail Tightening torque for terminals min Nm Nm 1.8 max Nm 2 max Nm 2 min lbin 16 max lbin 17.7 Terminals tool Pz 2 Conductor section IEC min mm² 1 nm² 14 max mm² 35 AWG/Kcmil Mechanical life cycles 20000 Weight g 230		max	°C	
Operating position 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 AWG/Kcmil min mm² 35 AWG/Kcmil min min 14 Mechanical life cycles 20000 Weight g 230			m	2000
Normal Vertical plan Fixing 35mm DIN rail Tightening torque for terminals min Nm 1.8 max Nm 2 min lbin 16 17.7 Terminals tool Pz 2 Pz 2 Conductor section IEC min mm² 1 AWG/Kcmil min mm² 35 AWG/Kcmil min max 14 Mechanical life cycles 20000 Weight g 2300				
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 max Nm 2 min lbin 16 max lbin 17.7 Terminals tool Pz 2 Conductor section min mm² 1 mm² 35 AWG/Kcmil min mm² 14 max 6 Mechanical life cycles 20000 Weight g 230		normal		•
Mechanical life Min Nm 1.8 max Nm 2 min lbin 16 max lbin 17.7	Fixing			35mm DIN rail
Max Nm 2 min lbin 16 max lbin 17.7	Tightening torque for terminals			
Mechanical life min max lbin 16 max lbin 17.7		min		
Terminals tool		max		
Terminals tool Pz 2		min		
Conductor section IEC		max	lbin	
IEC				Pz 2
min mx mm² mx 1 mm² 35 AWG/Kcmil min mx 14 max Mechanical life cycles 20000 Weight g 230				
AWG/Kcmil max mm² 35 min max 14 max 6 Mechanical life cycles 20000 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		6
			cycles	
Frontal IP degree IP20	Weight		g	230
	Frontal IP degree			IP20



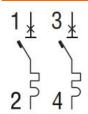
ENERGY AND AUTOMATION

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

EC000042 -Miniature circuit breaker (MCB)