

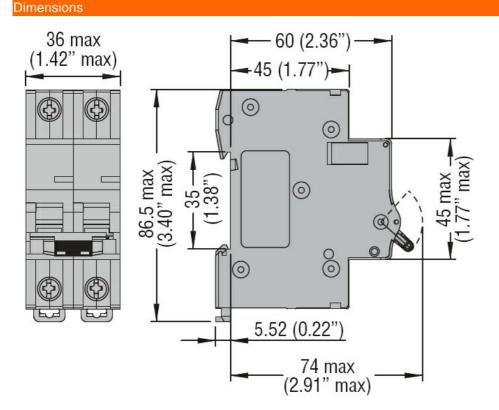


Product type designation					
Product type designation	Product designation				Miniature circuit
Number of DN modules 2P Compliance 1EC / UL1077 Electrical features 3 Rated insulation voltage Ui IEC/EN V 440 Rated insulation voltage AC (IEC) VAC 230/400 Rated operational voltage DC VDC 80 Rated doperational voltage DC VDC 80 Rated drequency H± 50/60 Rated current (In) A 25 Tripping curve B N Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Power dissipation per pole max W 2.13 Ambient conditions W 2.13 Operating temperature min *C -40 Max attitude max *C +40 Max attitude max *C +40 Max attitude max *C +40 Fixing some position some position *D *C +40 Fixing min fin </td <td>_</td> <td></td> <td></td> <td></td> <td>, ,</td>	_				, ,
Number of DIN modules	· · · · · · · · · · · · · · · · · · ·				
Compliance	·				
Electrical features Rated insulation voltage UiTEC/EN V 440 Rated insulation witstand 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 25 Tripping curve B B Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Power dissipation per pole max W 2.13 Ambient conditions W 2.13 Operating temperature min °C -40 max °C -40 </td <td colspan="3"></td> <td></td> <td></td>					
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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 trequent (In) A 25 Tripping curve kA 10 Electrical life cycles 10000 Power dissipation per pole max W 2.13 Ambient conditions min °C -40 Operating temperature min °C -40 Max altitude m 200 Mechanical features mormal Vertical plan Fixing 35mm DIN rail Tightening torque for terminals min Nm 1.8 max Nm 2 min lbin 16 Terminals tool pz 2 2 Conductor section min mm 1 AWG/Kcmil min min mm 1 min min min mi		a Hi IEC/EN		V	440
Rated operational voltage AC (IEC) VAC 230/400 Rated operational voltage DC VDC 80 Rated frequency Hz 50/60 Rated current (In) A 25 Tripping curve B B Short circuit rating (IEC) kA 10 Power dissipation per pole max W 2.13 Ambient conditions W 2.13 Operating temperature min °C -40 -40 Max altitude m 2000 Mechanical features m 2000 Operating position normal Vertical plan Fixing 35mm DIN rail Tightening torque for terminals min Nm 1.8 max Nm 2 min lbin 16 max Nm 2 min lbin 17.7 Terminals tool p2 2 2 Conductor section min mm² 1 min mm² 35 AWG/Kcmil min max mm² 35 a					
Rated operational voltage DC VDC 80 Rated frequency Hz 50/60 Rated current (In) A 25 Tripping curve B B Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Power dissipation per pole max W 2.13 Ambient conditions "C -40 Operating temperature min °C -40 max °C -40					
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Electrical life		<u> </u>		Ι- Λ	
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Ambient conditions					
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Min max					
Storage temperature Storage temperature min °C -40 max °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 nin 16 nm Terminals tool pz 2 2	Operating temperature			0.0	40
Storage temperature min max °C and colom and co					
Max altitude min max °C max +80 max Mechanical features Operating position normal Vertical plan Fixing 35mm DIN rail Tightening torque for terminals min max max Nm max nm 2 max In max In max In max 1 max 6 max Mechanical life Mechanical life 2 cycles 20000			max	°C	+70
Max altitude max °C +80 Mechanical features Mechanical features Operating position normal Vertical plan Fixing 35mm DIN rail Tightening torque for terminals min Nm 1.8 max Nm 2 max lbin 16 max lbin 17.7 Terminals tool pz 2 Conductor section Pz 2 Conductor section min mm² 1 AWG/Kcmil min mm² 35 AWG/Kcmil min min 14 max min min 14 max 6 0 Mechanical life cycles 20000	Storage temperature			0.0	40
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 nm² 35 AWG/Kcmil min mm² 14 min min mm² 14 min min mm² 6 Mechanical life cycles 20000					
Mechanical features Operating position normal Vertical plan 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 min mm² 1 max mm² 35 AWG/Kcmil min max 14 max 6 Mechanical life cycles 20000	N.4. 165 1		max		
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Normal Vertical plan					
Tightening torque for terminals	Operating position				
Tightening torque for terminals			normal		
Mechanical life Min Mi					35mm DIN rail
Mechanical life	lightening torque for te	rminals			4.0
Mechanical life min max lbin max lbi					
Mechanical life max lbin 17.7					
Terminals tool					
Conductor section IEC min mm² 1 max mm² 35	T		max	IDIN	
IEC					PZ Z
min mm² 1 max mm² 35	Conductor section	150			
Max mm² 35		IEC			4
AWG/Kcmil min 14 max 6 Mechanical life cycles 20000					
min max 14 max Mechanical life cycles 20000		AMO // Caratt	max	mm²	35
Mechanical life max 6 Cycles 20000		AVVG/Kcmii			4.4
Mechanical life cycles 20000					
			max		
Maight a 220				•	
	Weight			g	230
Frontal IP degree IP20	Frontal IP degree				IP20

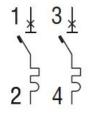


ENERGY AND AUTOMATION

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



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)