



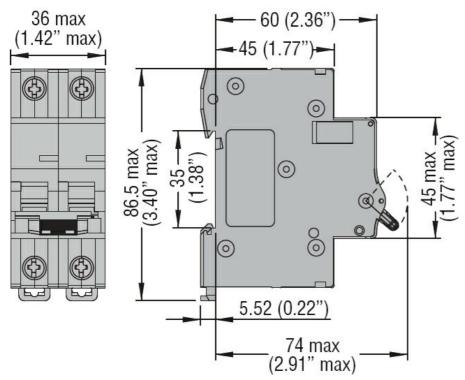
Product designation Image: Composition of poles of p				W. Company
Product type designation	Product designation			
Number of poles 2P Number of DIN modules 2 Compliance 1EC / UL1077 Electrical features 3 Rated insulation voltage UII EC/EN V 440 Rated insulation voltage Uimp kV 4 Rated operational voltage DC VDC 80 Rated operational voltage DC VDC 80 Rated operational voltage DC L 50/60 Rated frequency A 16 Rated Greguency L 50/60 Rated Greguency L C Short circuit rating (IEC) RA 10 Electrical life cycles 10000 Power dissipation per pole max W 1.69 Ambient conditions m °C +70 Storage temperature m 2000 Max altitude m 2000 Mechanical features mm 10 18 4 18 18 18 18 18 18 18 18 18 18<	•			` ,
Number of DIN modules 2 EIC / UL1077 Electrical features V 440 Rated insulation voltage UII EC/EN N 4 Rated inpulse withstand voltage UImp kV 4 Rated operational voltage CC (IEC) VDC 200/400 Rated operational voltage DC VDC 80 Rated frequency LB 50/60 Rated current (In) A 16 Fiping curve C 5000 Short circuit string (IEC) RA 10 Electrical life vycles 10000 Power dissipation per pole max vycles 10000 Power dissipation per pole max wycles 10000 Powerating temperature min °C -40 Max altitude min °C +40 Max altitude min voc. +80 Mechanical features mon voc. +80 Operating position min Nm 18 Fixing min Nm 12	• • •			
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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 16 Tripping curve C C Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Power dissipation per pole max W 1.69 Ambient conditions min °C -40 Max altitude 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 2 Conductor section min nm 1.7 Terminals tool min min mm 2 AWG/Kcmil min				
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Rated operational voltage DC VDC 80 Rated frequency Hz 50/60 Rated current (In) A 16 Tripping curve C C Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Power dissipation per pole max W 1.69 Ambient conditions W 1.69 Operating temperature min °C -40 Max °C +70 Storage temperature min °C -40 Max altitude max °C +80 Max altitude max °C +80 Mechanical features Operating position Vertical plan Fixing 35mm DIN rail 18 Tightening torque for terminals min Nm 1.8 max Nm 2 2 Conductor section min nm 16 IEC min max mm 2 AWG/Kcmil </td <td></td> <td></td> <td></td> <td></td>				
Rated frequency Hz 50/60 Rated current (In) A 16 Tripping curve C C Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Power dissipation per pole max W 1.69 Ambient conditions W 1.69 Operating temperature min °C -40 Max altitude min °C -40 Max altitude m 2000 Mechanical features min vertical plan Operating position normal Vertical plan Fixing 35mm DIN rail Tightening torque for terminals min Nm 1.8 max Nm 2 min 16 min lbin 17.7 17 17.7 17.7 17.7 18 18 18 18 18 18 18 18 18 18 18 18 18 18 18 18 18 <td>- · · · · · · · · · · · · · · · · · · ·</td> <td></td> <td></td> <td></td>	- · · · · · · · · · · · · · · · · · · ·			
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Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Power dissipation per pole max W 1.69 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			Α	
Electrical life	Tripping curve			
Power dissipation per pole max			kA	10
Ambient conditions	Electrical life		cycles	10000
Operating temperature min max °C with color of the properature min mormal °C with color of the properature with color of the properature mormal vertical plan vertical plan properature properature min max last max properature min max last max properature properature properature min max last max min max properature properature properature properature min max properature			W	1.69
Min C 40 40 40 40 40 40 40	Ambient conditions			
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 1 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 Conductor section IEC min max mm² 1 amax 35 AWG/Kcmil min min mm² 14 amax 6 Mechanical life cycles 20000 Weight g 230 Weight g 230 Weight weight cycles 20000 Cycles		min	°C	-40
Max altitude min max °C +80 Mechanical features Operating position Fixing normal Vertical plan Tightening torque for terminals min normal Nm 2 min normal Nm 2 18 max Nm 2 16 max lbin normal 17.7 Terminals tool pz 2 Conductor section min normal 1 IEC nin normal 1 AWG/Kcmil nin normal 14 min normal 14 14 min normal 1 14 normal 1 1 norma		max	°C	+70
Max altitude max °C +80 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 AWG/Kcmil min mm² 35 AWG/Kcmil min min 14 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	°C	-40
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 min nm² 14 max 6 Mechanical life cycles 20000 Weight g 33mm DIN rail		max	°C	+80
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 P2 2 Conductor section IEC min mm² 1 AWG/Kcmil min mm² 35 AWG/Kcmil min min 14 Mechanical life cycles 20000 Weight g 230	Max altitude		m	2000
Normal Vertical plan Fixing 35mm DIN rail Tightening torque for terminals min Nm 1.8 max Nm 2 min Ibin 16 17.7 Terminals tool Pz 2 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 2300	Mechanical features			
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 Pz 2 IEC min mm² nm² 1 max mm² 35 AWG/Kcmil min max mm² 6 Mechanical life cycles 20000 Weight g 230	Operating position			
Tightening torque for terminals min max Nm 2 min lbin 16 max lbin 17.7 Terminals tool Pz 2 Conductor section IEC min mm² 1 mm² 1 mm² 35 AWG/Kcmil min max mm² 35 14 max 6 Mechanical life cycles 20000 Weight g 230		normal		Vertical plan
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	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			
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	mm²	1
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		14
Weight g 230		max		6
	Mechanical life		cycles	20000
	Weight			230
				IP20



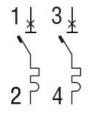
ENERGY AND AUTOMATION

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)