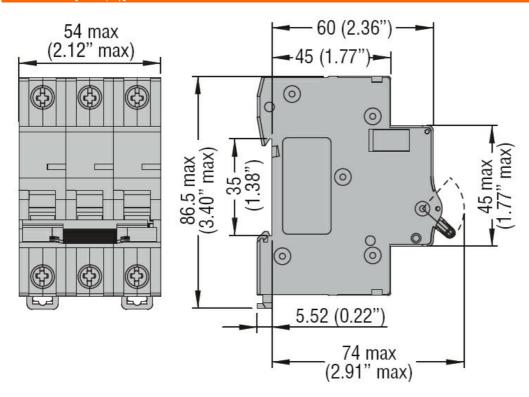




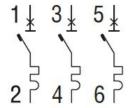
Product type designation Feature (MCR) Product type designation 9 P1 MB Number of poles 3P Number of poles 3P Number of DIN modules 3 Compliance IEC / UL1077 Electrical features IEC / UL1077 Rated insulation voltage UI IEC/EN V 440 Rated impulse withstand voltage UImp kV 4 Rated of requency Hz 50/60 Rated frequency Rated Organizational voltage AC (IEC) KA 10 Rated frequency C C Short circuit rating (IEC) kA 10 Electrical life c v Power dissipation per pole max W 0.96 Ambient conditions W 0.96 Power dissipation per pole max W 0.96 Ambient conditions W 0.96 Storage temperature min °C 40 Max altitude m 200 Mechanical features min min 10				of State of the St
Product type designation	Draduat designation			Miniature circuit
Number of DIN modules 3P Compliance 1EC / UL 1077 Electrical features IEC / UL 1077 Rated insulation voltage Ui IEC/EN V 440 Rated insulation voltage Uimp kV 4 Rated operational voltage AC (IEC) VAC 230/400 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 max "C -40 Max altitude max "C -40 max "C +80 Max altitude max "C -40 max ** Vertical plan ** Vertical plan ** Vertical plan ** ** Vertical plan	Product designation			breaker (MCB)
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Rated insulation voltage Ui IEC/EN	Number of DIN modules			3
Rated insulation voltage Ui IEC/EN	Compliance			IEC / UL1077
Rated impulse withstand voltage Limp kV 4 Rated operational voltage AC (IEC) VAC 230/400 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 Operating temperature min °C -40 Max altitude max °C -40 Max altitude max "C -40 Mechanical features max "C -40 Operating position normal Vertical plan Fixing 35mm DIN rail Fixing min Nm 1.8 max Nm 2 min Immediate 1.8 min 1.7 Textical plan 1.7 Textical plan 1.7 Textical plan 1.7 Textical plan 1.7				
Rated impulse withstand voltage Limp kV 4 Rated operational voltage AC (IEC) VAC 230/400 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 Operating temperature min °C -40 Max altitude max °C -40 Max altitude max 0.00 -80 Mechanical features max 0.00 -80 Operating position normal Vertical plan Fixing 35mm DIN rail Tightening torque for terminals min nm 1.8 max nm 2 min 1.1 min 1.7 7 2 2 2 2 2 2 2 2 2 2	Rated insulation voltage Ui IEC/EN		V	440
Rated operational voltage AC (IEC) VAC 230/400 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 max °C -40 max mormal value			kV	4
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Electrical life cycles 10000 Power dissipation per pole max W 0.96 Amblent conditions			kΔ	
Power dissipation per pole max				
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Minimax				
Storage temperature max °C +70 Storage temperature min °C -40	Operating temperature	min	°C	40
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Max altitude min max °C +80 Max altitude m 2000 Mechanical features Operating position fixing normal Vertical plan Tightening torque for terminals min max Nm 1.8 max In max Nm 2 max Nm 2 max min lbin 16 max lbin 17.7 Terminals tool p 2 2 Conductor section IEC min mm² mm² 1 max 14 max AWG/Kcmil min max 14 max 6 Mechanical life cycles 20000 Weight g 345 Frontal IP degree IP20	Storage temperature	IIIax		+70
Max altitude max °C +80 Mechanical features Operating position 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 14 min 14 Mechanical life cycles 20000 Weight g 345 Frontal IP degree IP20	Storage temperature		۰.	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 min lbin 16 17.7 Terminals tool Pz 2 Conductor section IEC min mm² 1				
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Fixing 35mm DIN rail Tightening torque for terminals min max Nm 1.8 max Nm 2 min lbin 16 max lbin 17.7 Terminals tool Pz 2 Conductor section IEC min mm² mm² 1 max mm² 35 AWG/Kcmil min max mm² 14 max 6 Mechanical life cycles 20000 Weight g 345 Frontal IP degree IP20	Operating position			
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Terminals tool		min		
Conductor section IEC min mm² 1 max mm² 35		max	Ibin	
IEC				Pz 2
Mechanical life cycles 20000 Weight g 345 Frontal IP degree IP20				
AWG/Kcmil max mm² 35 min max 14 6 Mechanical life cycles 20000 Weight g 345 Frontal IP degree IP20	IEC			
AWG/Kcmil min max 14 max 6 Mechanical life cycles 20000 Weight g 345 Frontal IP degree IP20		min		
min max 14 max 6 Mechanical life cycles 20000 Weight g 345 Frontal IP degree IP20		max	mm²	35
Mechanical life cycles 20000 Weight g 345 Frontal IP degree IP20	AWG/Kcmil			
Mechanical life cycles 20000 Weight g 345 Frontal IP degree IP20		min		
Weight g 345 Frontal IP degree IP20		max		
Frontal IP degree IP20	Mechanical life		cycles	20000
Frontal IP degree IP20	Weight		g	345
	Frontal IP degree			IP20
				2



Dimensions [mm (in)]



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)