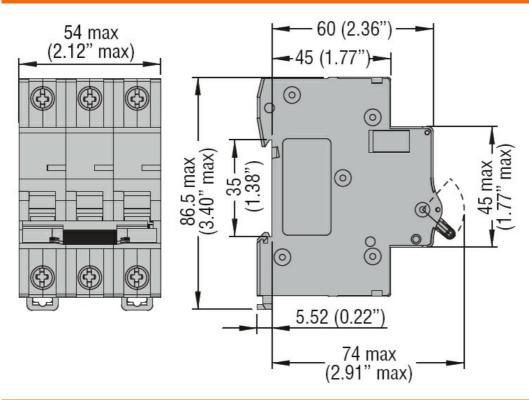




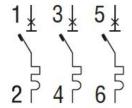
Product type designation Minimature circuit by ineating (MCB) Product type designation 91 MB Number of poles 3P Number of DIN modules 3 Compliance IEC / UL1077 Electrical features IEC / UL1077 Rated insulation voltage Uil IEC/EN V 440 Rated impulse withstand voltage Ulimp kV 4 Rated frequency Hz 50/60 Rated current (In) A 10 Rated frequency L C Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Power dissipation per pole max W 1.25 Ambient conditions W 1.25 Storage temperature min °C 40 Poperating temperature min °C 40 Max altitude m 2000 Mechanical features min Nm 2 Poperating position nomal "C 40 Incomplete terminals m				
Product type designation	Product designation			Miniature circuit
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Rated insulation voltage Uir IEC/EN V 440 Rated impulse withstand voltage Uirp RV 4 Rated operational voltage AC (IEC) VAC 230/400 Rated frequency Hz 50/60 Rated frequency A 10 Tripping curve C C Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Power dissipation per pole max W 1.25 Ambient conditions W 1.25 Operating temperature min °C -40 Max altitude m 2000 Mechanical features min °C +80 Operating position normal Vertical plan Fixing 35mm DIN rail Fixing 35mm DIN rail 18 max Nm 1,8 Fixing normal Vertical plan 1,8 min 1,6 1,7 1,7 1 1,7 1 1,7 1 1,7 1 1,7 1				IEC / UL1077
Rated impulse withstand voltage Ulimp kV 4 Rated operational voltage AC (IEC) VAC 230/400 Rated current (In) A 10 Tripping curve C C Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Power dissipation per pole max W 1.25 Ambient conditions W 1.25 Operating temperature min °C -40 Max altitude max °C -40 Max altitude max °C -40 Mechanical features min °C -40 Operating position normal Vertical plan Fixing 35mm DIN rail Fixing min Nm 1.8 Fixing min Nm 1.8 Fixing min Nm 2 min Inin 1.7 2 Terminals tool min 1.7 2 Conductor section min				
Rated operational voltage AC (IEC) VAC 230/400 Rated frequency Hz 50/60 Rated current (In) A 10 Tripping curve C C Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Power dissipation per pole max W 1.25 Ambient conditions W 1.25 Operating temperature min °C -40 max °C +70 Storage temperature min °C -40 Max altitude m 2000 Mechanical features m 2000 Operating position normal ° vertical plan Fixing normal vertical plan Tightening torque for terminals min lim 1.8 max Nm 2 1.8 max lim 1.7 7 Terminals tool min min min min min min <td< td=""><td>Rated insulation voltage Ui IEC/EN</td><td></td><td>V</td><td>440</td></td<>	Rated insulation voltage Ui IEC/EN		V	440
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Rated current (in) A 10 Tripping curve C Short circuit rating (IEC) KA 10 Electrical life cycles 10000 Power dissipation per pole max W 1.25 Ambient conditions Operating temperature min °C -40 max °C +70 Storage temperature Max altitude 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 2 Terminals tool min 1bin 16 16 max min 1mm 1mm <th< td=""><td>Rated operational voltage AC (IEC)</td><td></td><td>VAC</td><td>230/400</td></th<>	Rated operational voltage AC (IEC)		VAC	230/400
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Electrical life cycles 10000 Power dissipation per pole max W 1.25 Amblent conditions Storage temperature min orange temperature min orange temperature min orange temperature min orange temperature Max altitude m 2000 Mechanical features Operating position normal Vertical plan Fixing 35mm DIN rail Tightening torque for terminals min loin loin loin loin loin loin loin lo	Tripping curve			С
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Ambient conditions	Electrical life		cycles	10000
Operating temperature min max of colspan="4">of colspan="4	Power dissipation per pole max		W	1.25
Minimax C 40 max C 470 max C 480 max C 4	Ambient conditions			
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Max altitude max °C +80 Mechanical features Operating position Informal Prize of the position of the	Storage temperature			
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 3 2 3 Terminals tool pz 2 2		min	°C	-40
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Fixing 35mm DIN rail Tightening torque for terminals min Mm	Mechanical features			
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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 1 mm² 35 AWG/Kcmil min 14 max 6 Mechanical life cycles 20000 Weight g 345 Frontal IP degree IP20		normal		Vertical plan
Mechanical life Min Min 1.8 max Nm 2 min lbin 16 max lbin 17.7 Terminals tool Pz 2 Terminals tool Pz 2 Terminals Terminals	Fixing			35mm DIN rail
Max Nm 2 min Ibin 16 max Ibin 17.7	Tightening torque for terminals			
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Terminals tool		max	Nm	2
Terminals tool		min	Ibin	16
Conductor section IEC min mm² 1 max mm² 35		max	Ibin	17.7
IEC	Terminals tool			Pz 2
Mechanical life cycles 20000 Weight g 345 Frontal IP degree IP20	Conductor section			
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AWG/Kcmil min max 14 max 6 Mechanical life cycles 20000 Weight g 345 Frontal IP degree IP20		min	mm²	
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Mechanical life cycles 20000 Weight g 345 Frontal IP degree IP20	AWG/Kcmil			
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Weight g 345 Frontal IP degree IP20		max		
Frontal IP degree IP20			cycles	
			g	
Pollution degree 2				
	Pollution degree			2



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)