



Product type designation         Minitature circuit by sealer (MCB)           Product type designation         1 4           Number of Dils modules         4 7           Compliance         1 5 4           Electrical features         IEC / UL1077           Rated insulation voltage Uil EC/EN         V 440           Rated insulation voltage Uil EC/EN         V 2 230/400           Rated dereuncy         Hz 50/60           Rated frequency         Hz 50/60           Rated current (in)         A 2           Tripping curve         D           Short circuit rating (IEC)         kA 10           Electrical life         cycles         10000           Power dissipation per pole max         W 0.96           Ambigation to an experimental features         W 0.96           Storage temperature         min         *C 40           Storage temperature         min         *C 40           Max altitude         m 2000           Mechanical features         m 2000           Mechanical features         m 2000           Fixing         s 3mm DIN rail           Tightering torque for terminals         min         min         *D           Terminals tool         min         min         *D				
Product type designation	Product designation			Miniature circuit
Number of poles         4P           Number of DIN modules         4P           Compliance         IEC / UL 1077           Electrical features         IEC / UL 1077           Rated insulation voltage Uil IEC/EN         V         440           Rated insulation voltage Uimp         kV         4           Rated operational voltage C (IEC)         VAC         230/400           Rated courent (In)         A         2           Rated cruent (In)         A         2           Short circuit rating (IEC)         kA         10           Short circuit rating (IEC)         kA         10           Power dissipation per pole max         kA         10           Ambient Conditions         w         0,96           Operating temperature         min         °C         -40           Max         °C         -40         max         °C         -40           Max altitude         max         °C         -40         max         respectively         -80         Max         -80         -80         Max         -80	1 Toddot designation			· · ·
Number of DIN modules         4           Compliance         EIEC / UL1077           Electrical features         V         40           Rated insulation voltage UI IEC/EN         NV         4           Rated insulation voltage AC (IEC)         NAC         230/400           Rated deperational voltage AC (IEC)         NAC         230/400           Rated current (In)         A         2           Rated current (In)         A         2           Short circuit rating (IEC)         KA         10           Short circuit rating (IEC)         KA         10           Power dissipation per pole max         KA         10           Ambert onditions         V         0.96           Power dissipation per pole max         W         0.96           Ambert onditions         V         0.96           Power dissipation per pole max         W         0.96           Ambert onditions         V         0.96           Storage temperature         min         °C         -40           Max altitude         min         °C         -40           Max altitude         monar         v         vertical plan           Fixing         normal         Nm         1.8				
Compliance         IEC / UL 1077           Electrical features         v         440           Rated insulation voltage Ulinp         kV         4           Rated impulse withstand voltage Ulimp         kV         4           Rated operational voltage AC (IEC)         vAC         230/400           Rated dreguency         Hz         50/60           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           Manual stitude         min         °C         +40           Max altitude         m         2000           Mechanical features         monmal         vertical plan           Operating position         monmal         vertical plan           Fixing         min         Nm         1.8           Fixing         min         Nm         1.8           Manual stitute         min         Nm	·			4P
Electrical features         Rated insulation voltage Uin p				
Rated insulation voltage Uir IEC/EN         V         440           Rated impulse withstand voltage Uirp         kV         230/400           Rated operational voltage AC (IEC)         VAC         230/400           Rated frequency         Hz         50/60           Rated courrent (In)         A         2           Tripping curve         D         NA         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 altitude         m         2000           Mechanical features         min         °C         -40           Operating position         mormal         Vertical plan           Fixing         35mm DIN rail           Tightening torque for terminals         min         Nm         1.8           max         Nm         2         1.8           max         Nm         2         2           Conductor section         min         nm         1.6           AWG/Kemil				IEC / UL1077
Rated impulse withstand voltage Uimp         kV         4           Rated operational voltage AC (IEC)         VAC         230/400           Rated requency         HZ         50/60           Rated current (In)         A         2           Tripping curve         D         D           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           Storage temperature         min         °C         -40           Max altitude         max         °C         +80           Mechanical features         min         °C         -40           Operating position         normal         Vertical plan         Fixing         35mm DIN rail           Fixing         min         Nm         1.8         Nm         2           Fixing         min         Nm         2         nm         Nm         2         nm         Nm         2         nm         nm         1.7         7         Terminal tolin         1.7         7				
Rated operational voltage AC (IEC)         VAC         230/400           Rated frequency         Hz         50/60           Rated current (In)         A         2           Tripping curve         D         D           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         +70           Storage temperature         min         °C         -40           Max altitude         m         2000           Mexanitistide         m         20000           Meximple         min         Nm         1.8           max         Nm         2           min         lim         10         1.7	Rated insulation voltage Ui IEC/EN		V	440
Rated frequency         Hz         50/60           Rated current (In)         A         2           Tripping curve         D         D           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         +70           Storage temperature         min         °C         -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         2           Terminals tool         min         1.7         7           Terminals tool         min         min         1.7         7           Terminals tool         min         min         min         min         min         min         min <t< td=""><td>Rated impulse withstand voltage Uimp</td><td></td><td>kV</td><td>4</td></t<>	Rated impulse withstand voltage Uimp		kV	4
Rated current (in)         A         2           Tripping curve         D           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         -40           max         °C         -40           max         °C         -40           Max altitude         m         2000           Mechanical features         onormal         Vertical plan           Fixing         s5mm DIN rail         s5mm DIN rail           Tightening torque for terminals         min         Nm         1.8           min         lbin         1.8         1.8           max         Nm         2         2.0           Conductor section         IEC         min         mm         1.7           Terminals tool         min         mm         3.5           AWG/Kcmil         min         mm         3.5           AWG/Kcmil         min         mm         1.4	Rated operational voltage AC (IEC)		VAC	230/400
Tripping curve         D           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         +70           Storage temperature         min         °C         -40           Max altitude         m         2000           Mechanical features         m         2000           Operating position         normal         Vertical plan           Fixing         35mm DIN rail           Fixing         35mm DIN rail           Tightening torque for terminals         min         Nm         1.8           max         Nm         2         2           Conductor section         IEC         min         Immate in the proper in the p	Rated frequency		Hz	50/60
Short circuit rating (IEC)         KA         10           Electrical life         cycles         100000           Power dissipation per pole max         W         0.96           Ambient conditions           Operating temperature         min         °C         -40           max         °C         -40         max         °C         -40           Storage temperature         min         °C         -40         max         °C         +80           Max altitude         m         2000 <td>Rated current (In)</td> <td></td> <td>Α</td> <td>2</td>	Rated current (In)		Α	2
Electrical life         cycles         10000           Power dissipation per pole max         W         0.96           Ambient conditions	Tripping curve			D
Power dissipation per pole max	Short circuit rating (IEC)		kA	10
Ambient conditions	Electrical life		cycles	10000
Operating temperature         min max         °C valous (continue)         -40 max         -40 ma	Power dissipation per pole max		W	0.96
Minimax   C   440 max   C   470 max   C   480 max   C	Ambient conditions			
Max   C   470	Operating temperature			
Storage temperature		min	°C	-40
Max altitude         min max         °C +80           Max altitude         m 2000           Mechanical features           normal         Vertical plan           Fixing         normal         Vertical plan           Fixing         35mm DIN rail           Tightening torque for terminals         min Nm         Nm         1.8           max         Nm         2         2           min max         lbin         17.7         17.7           Terminals tool         EC         min mm² mm² 1         1		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         lin         1.7           Terminals tool         pz 2           Conductor section         EEC         min         mm²         1           AWG/Kcmil         min         mm²         35           AWG/Kcmil         min         14         mm²         6           Mechanical life         cycles         20000           Weight         g         460           Frontal IP degree         IP20	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           min         lbin         16           max         lbin         17.7           Terminals tool         Pz 2           Conductor section         FEC           Min         mm²         1           AWG/Kcmil         min         mm²         1           AWG/Kcmil         min         14         14           Mechanical life         cycles         20000           Weight         g         460           Frontal IP degree         IP20		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 max Nm 2 max Nm 15in 16 max 15in 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 460           Frontal IP degree         IP20		max	°C	+80
Operating position           Fixing         35mm DIN rail           Tightening torque for terminals           min Nm Nm 1.8 max Nm 2 min lbin 16 max lbin 17.7           Terminals tool         Pz 2           Conductor section           IEC         min mm² 14 max max 35           AWG/Kcmil         min max 14 max 6           Mechanical life         cycles 20000           Weight         g 460           Frontal IP degree         IP20	Max altitude		m	2000
Fixing         35mm DIN rail           Tightening torque for terminals         min Mm	Mechanical features			
Fixing         35mm DIN rail           Tightening torque for terminals         min max max Nm 2 min lbin 16 max lbin 17.7           Terminals tool         Pz 2           Conductor section         min max mm² 1 max mm² 35           AWG/Kcmil         min max mm² 35           Mechanical life         cycles 20000           Weight         g 460           Frontal IP degree         IP20	Operating position			
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 mm² 35           AWG/Kcmil         min max mm² 35           Mechanical life         cycles 20000           Weight         g 460           Frontal IP degree         IP20		normal		Vertical plan
Mechanical life   Max   Mm   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			
min min min mm² lbin 16 max lbin 17.7           Terminals tool         Pz 2           Conductor section           IEC         min mm² 1 mm² 35           AWG/Kcmil         min max         14 max         6           Mechanical life         cycles         20000           Weight         g 460         Frontal IP degree		min	Nm	1.8
Terminals tool		max	Nm	2
Terminals tool		min	lbin	16
Conductor section   IEC   min mm² 1   max mm² 35		max	lbin	17.7
Frontal IP degree   IEC	Terminals tool			Pz 2
Mechanical life         cycles         20000           Weight         g         460           Frontal IP degree         IP20	Conductor section			
AWG/Kcmil         max         mm²         35           min max         14         6           Mechanical life         cycles         20000           Weight         g         460           Frontal IP degree         IP20	IEC			
AWG/Kcmil           min max         14 max         6           Mechanical life         cycles         20000           Weight         g         460           Frontal IP degree         IP20		min	mm²	
min max         14 max           Mechanical life         cycles         20000           Weight         g         460           Frontal IP degree         IP20		max	mm²	35
Mechanical life         cycles         20000           Weight         g         460           Frontal IP degree         IP20	AWG/Kcmil			
Mechanical lifecycles20000Weightg460Frontal IP degreeIP20		min		
Weight g 460 Frontal IP degree IP20		max		
Frontal IP degree IP20	Mechanical life		cycles	20000
			g	
Pollution degree 2				
	Pollution degree			2

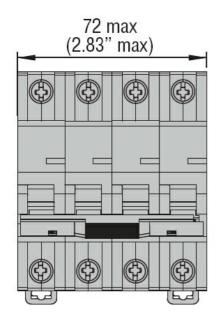


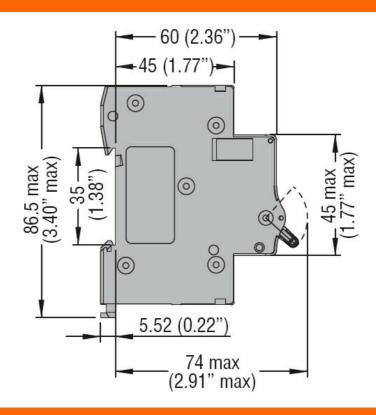
Grid distance as per Annex H.1 of IEC/EN60898-1 standard

mm

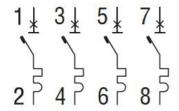
60

**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)