



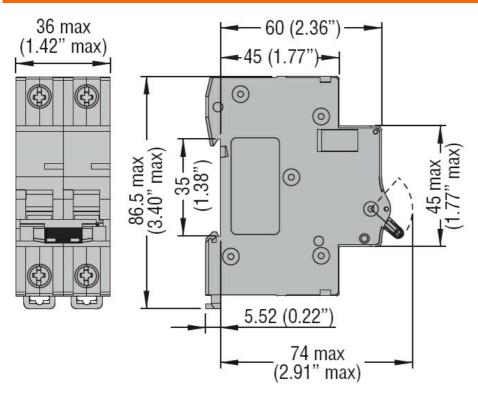
Product designation         Image: Composition of poles of p				W. Company
Product type designation	Product designation			
Number of poles         2P           Number of DIN modules         2           Compliance         1EC / UL 1077           Electrical features         3           Rated insulation voltage UI IEC/EN         V         440           Rated insulation voltage Uimp         kV         4           Rated operational voltage DC         VDC         125           Rated operational voltage DC         VDC         125           Rated frequency         H         50/60           Rated current (In)         A         10           Tripping curve         C         VDC         125           Short circuit rating (IEC)         kA         10 <td>•</td> <td></td> <td></td> <td>` ,</td>	•			` ,
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         230/400           Rated operational voltage DC         VDC         125           Rated drequency         LB         50/60           Rated current (In)         A         10           Finging curve         C         Non-1           Floor circuit rating (IEC)         RA         10           Floor circuit rating (IEC)         RA         10           Power dissipation per pole max         V 1.25           Ambient conditions         V 1.25           Operating temperature         min         °C 40           Max altitude         min         °C 440           Max altitude         min         V 2.40           Mechanical features         mon         2.00           Operating position         mon         No         2.40           Fixing         mon         No         2.40           Fixing         mon         No         2.40 <t< td=""><td>• • •</td><td></td><td></td><td></td></t<>	• • •			
Compliance         IEC / UL1077           Electrical features         ✓         440           Rated insulation voltage UIIEC/EN         kV         4           Rated inpulse withstand voltage UImp         kV         4           Rated operational voltage AC (IEC)         VAC         230/400           Rated operational voltage DC         VDC         125           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           Storage temperature         min         °C         -40           Max altitude         m         200           Mechanical features         mm         °C         +80           Operating position         mm         Vertical plan           Fixing         35mm DIN rail         18           Fixing         min         Nm         1.8           Fixing         min         Nm         2	•			
Electrical features         V         440           Rated insulation voltage Uimp         kV         4           Rated operational voltage AC (IEC)         VAC         230/400           Rated operational voltage DC         VDC         125           Rated doperational voltage DC         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 attitude         m         200         -40           Max attitude         m         200         -40           Mechanical features         min         °C         -40           Operating position         normal         vertical plan           Fixing         35mm DIN rail           Tightening torque for terminals         min         Nm         1,8           max         Nm         2         2           Conductor section				
Rated insulation voltage Uir IEC/EN         V         440           Rated impulse withstand voltage Uirip         kV         230/400           Rated operational voltage AC (IEC)         VDC         230/400           Rated operational voltage DC         VDC         125           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         0         -40           Operating position         normal         Vertical plan           Fixing         normal         Vertical plan           Tightening torque for terminals         min         Nm         1.8           min         Nm         1.8         1.8           min         1bin	· ·			IEC / UL1077
Rated impulse withstand voltage Limp         kV         4           Rated operational voltage AC (IEC)         VAC         230/400           Rated operational voltage DC         VDC         125           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         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         nm         2           AWG/Kcmil         min         min </td <td></td> <td></td> <td></td> <td></td>				
Rated operational voltage AC (IEC)				
Rated operational voltage DC         VDC         125           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         max         °C         +80           Max altitude         max         °C         +80           Mechanical features         Operating position         Vertical plan           Fixing         35mm DIN rail         10           Tightening torque for terminals         min         Nm         1.8           max         Nm         2         2           Conductor section         min         nm         16           IEC         min         max         mm         1           AWG/Kcmil<				
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         Text of the conditions           Operating temperature         min         °C         -40           Max a "C"         +70         +70           Storage temperature         min         °C         -40           Max altitude         m         2000           Mechanical features         min         2000           Operating position         normal         Vertical plan           Fixing         s5mm DIN rail           Tightening torque for terminals         min         Nm         1.8           min         lbin         16           max         lbin         17.7           Terminals tool         min         min         16           Conductor section         min         min         min         17.7           AWG/Kcmil         min         min         min         14<	· · · · · · · · · · · · · · · · · · ·			
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         Toperating temperature           Operating temperature         min         °C         -40           Max         °C         -40         max         °C         -40           Max altitude         m         2000         Mechanical features         Tomax         °C         -40         max         **         **         **         **         **         **         **         **         **         **         **         **         **         **         **         ** </td <td></td> <td></td> <td></td> <td></td>				
Tripping curve         C           Short circuit rating (IEC)         kA         10           Electrical life         cycles         100000           Power dissipation per pole max         w         1.25           Ambient conditions         min         °C         -40           Operating temperature         min         °C         -40           Max a conditions         min         °C         -40           Storage temperature         min         °C         -40           Max a conditions         min         °C         -40           Fixing         normal         vertical plan			Hz	
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         min         °C         -40           Max altitude         m         2000           Mechanical features         mormal         Vertical plan           Spraining position         normal         Vertical plan           Fixing         35mm DIN rail           Tightening torque for terminals         min         Nm         1.8           max         Nm         2         nin         10in         16           max         min         17.7			Α	
Electrical life	Tripping curve			
Power dissipation per pole max	<u> </u>		kA	10
Ambient conditions	Electrical life		cycles	10000
Operating temperature         min max         °C with color with col			W	1.25
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         16.           max         1bin         17.7           Terminals tool         p2 2           Conductor section           IEC           min         mm         1           AWG/Kcmil         min         mm         14           max         6         1           Mechanical life         cycles         20000           Weight         g         2300	Operating temperature			
Storage temperature         min max         °C 40 40 40 40 40 40 40 40 40 40 40 40 40		min	°C	-40
Max altitude         min max         °C +80           Mechanical features         Operating position           Fixing         normal         Vertical plan           Fixing         35mm DIN rail           Tightening torque for terminals         min Nm Nm 1.8 max Nm 2 min 1bin 16 max 1bin 17.7           Terminals tool         Pz 2           Conductor section         IEC           Min max mm² 35           AWG/Kcmil         min mm² 14 max mm² 6           Mechanical life         cycles         20000           Weight         g         2300		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				
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
Frontal IP degree IP20	Weight		g	230
				IP20



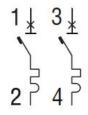
ENERGY AND AUTOMATION

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)