



Product designation         Froduct type designation         Product type designation         Product type designation         3P           Number of DIN modules         3 a         3Compliance         IEC / UL1077         3Compliance         IEC / UL1077         IEC / UL10				
Product type designation	Draduat designation			Miniature circuit
Number of DIN modules         3P           Number of DIN modules         3P           Compliance         1EC / UL1077           Electrical features         ****           Rated insulation voltage Uirp         kV         40           Rated operational voltage Uirp         kV         40           Rated operational voltage AC (IEC)         "AC         230/400           Rated frequency         "L**         5060           Rated current (In)         A         32           Tripping curve         C         C           Short circuit rating (IEC)         kA         10           Electrical life         cycles         10000           Power dissipation per pole max         w         2,46           Ambient conditions         w         2,46           Operating temperature         min         "C         40           To perating temperature         min         "C         40           Max altitude         m         200           Mechanical features         vertical plan           Fixing         s         7         vertical plan           Fixing         min         Nm         1,8           Poperating position         min         Nm <td>Product designation</td> <td></td> <td></td> <td>breaker (MCB)</td>	Product designation			breaker (MCB)
Number of DIN modules         3           Compliance         IEC / UL 1077           Electrical features         V         440           Rated insulation voltage UI IEC/EN         V         440           Rated insulation voltage UII PC/EN         KV         4           Rated insulation voltage AC (IEC)         VAC         230/400           Rated frequency         Hz         50/60           Rated frequency         A         32           Rated frequency         KA         10           Rated frequency         KA         10           Rated current (In)         KA         10           Storage temperature         KA         10           Power dissipation per pole max         Wac         20           Ambient conditions         Wac         2         40           Storage temperature         min         °C         40           Max altitude         m         2000           Mechanical features         mormal         °C         +80           Operating position         mormal         Nm         1           Fixing         min         Nm         1         1           Residence         min         Nm         1	Product type designation			P1 MB
Compliance         IECT / LL1077           Electrical features         ✓         440           Rated insulation voltage Uir IEC/EN         × V         4           Rated impulse withstand voltage Uirip         kV         4           Rated operational voltage AC (IEC)         VAC         230/400           Rated doperational voltage AC (IEC)         XA         32           Rated current (In)         A         32           Tripping curve         XA         10           Short circuit rating (IEC)         kA         10           Electrical life         vcles         10000           Power dissipation per pole max         wccycles         10000           Ambient conditions         wcycles         10000           Operating temperature         min         °C         40           Max altitude         min         °C         40           Max altitude         min         vcles         40           Mechanical features         monar         vcles         40           Operating position         min         Nm         1.8           Fixing         min         Nm         1.8           Mechanical features         min         Nm         1.8 <t< td=""><td>Number of poles</td><td></td><td></td><td>3P</td></t<>	Number of poles			3P
Electrical features         V         440           Rated insulation voltage Uinpp         kV         4           Rated operational voltage AC (IEC)         VAC         230/400           Rated degrational voltage AC (IEC)         VAC         230/400           Rated operational voltage AC (IEC)         Hz         50/60           Rated current (In)         A         32           Tripping curve         C         C           Short circuit rating (IEC)         kA         10           Power dissipation per pole max         W         2.46           Ambient conditions           Operating temperature           min         °C         -40           max         °C         +70           Storage temperature           Min         °C         -40           max         °C         +80           Mechanical features           Operating position           Mechanical features           Operating position           In min         Nm         1.8           To max         Nm         2           In min         Nm         1.8	Number of DIN modules			3
Electrical features         V         440           Rated insulation voltage Uinpp         kV         4           Rated operational voltage AC (IEC)         VAC         230/400           Rated degrational voltage AC (IEC)         VAC         230/400           Rated operational voltage AC (IEC)         Hz         50/60           Rated current (In)         A         32           Tripping curve         C         C           Short circuit rating (IEC)         kA         10           Power dissipation per pole max         W         2.46           Ambient conditions           Operating temperature           min         °C         -40           max         °C         +70           Storage temperature           Min         °C         -40           max         °C         +80           Mechanical features           Operating position           Mechanical features           Operating position           In min         Nm         1.8           To max         Nm         2           In min         Nm         1.8	Compliance			IEC / UL1077
Rated impulse withstand voltage LUIIIP         kV         4           Rated operational voltage AC (IEC)         VAC         230/400           Rated drequency         Hz         50/60           Rated current (In)         A         32           Tripping curve         C         C           Short circuit rating (IEC)         kA         10           Electrical life         cycles         10000           Power dissipation per pole max         W         2.46           Ambient conditions         W         2.46           Operating temperature         min         °C         -40           Storage temperature         min         °C         -40           Max altitude         m         2000           Mechanical features         m         2000           Operating position         mormal         Vertical plan           Fixing         35mm DIN rail           Tightening torque for terminals         min         Nm         1,8           max         Nm         2         2           Ecc         min         nm         2           Conductor section         min         mm         1           AWG/Kemil         min         mm	•			
Rated impulse withstand voltage LUIIIP         kV         4           Rated operational voltage AC (IEC)         VAC         230/400           Rated drequency         Hz         50/60           Rated current (In)         A         32           Tripping curve         C         C           Short circuit rating (IEC)         kA         10           Electrical life         cycles         10000           Power dissipation per pole max         W         2.46           Ambient conditions         W         2.46           Operating temperature         min         °C         -40           Storage temperature         min         °C         -40           Max altitude         m         2000           Mechanical features         m         2000           Operating position         mormal         Vertical plan           Fixing         35mm DIN rail           Tightening torque for terminals         min         Nm         1,8           max         Nm         2         2           Ecc         min         nm         2           Conductor section         min         mm         1           AWG/Kemil         min         mm	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         32           Tripping curve         C         C           Short circuit rating (IEC)         kA         10           Electrical life         cycles         10000           Power dissipation per pole max         W         2.46           Ambient conditions         W         2.40           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         Nm         1.8           max         Nm         2         1.0           Terminals tool         min         nm         1.7         7           Terminals tool         min         min         min         min         min         min			kV	4
Rated frequency   Hz   50/60     Rated current (In)	·		VAC	230/400
Rated current (In)         A         32           Tripping curve         C           Short circuit rating (IEC)         kA         10           Electrical life         cycles         10000           Power dissipation per pole max         W         2.46           Ambient conditions           Operating temperature           min         °C         -40           max         °C         +70           Storage temperature           Max altitude         m         2000           Mechanical features         min         °C         -40           Operating position         normal         Vertical plan           Fixing         35mm DIN rail           Tightening torque for terminals         min         Nm         1.8           max         Nm         2.8         2           Terminals tool         max         lbin         11.7           Terminals tool         min         mm         2.2           Conductor section         IEC         min         mm         2.2           AWG/Kcmil         min         mm         14         max         mm         6           Mechanical life				
Tripping curve         C           Short circuit rating (IEC)         kA         10           Electrical life         cycles         10000           Power dissipation per pole max         W         2.46           Ambient conditions         Operating temperature           min         °C         -40           max         °         -40 <t< td=""><td></td><td></td><td></td><td></td></t<>				
Short circuit rating (IEC)         KA         10           Electrical life         cycles         10000           Power dissipation per pole max         W         2.46           Ambient conditions         Operating temperature         min of conditions				
Electrical life			kA	
Power dissipation per pole max				
Ambient conditions				
Operating temperature         min max         °C does not			**	2.40
Min				
Storage temperature         max         °C         470           Storage temperature         min         °C         -40           Max altitude         min         °C         +80           Mechanical features           Operating position           mormal         Vertical plan           Somm DIN rail           Tightening torque for terminals           min         Nm         1.8           max         Nm         2           min         lbin         16           max         Nm         2           pz 2         Pz 2           Conductor section         IEC         min         mm²         1           AWG/Kcmil         min         mm²         1           Mechanical life         cycles         20000           Weight         g         345           Frontal IP degree         IP20	Operating temperature	min	°C	-40
Storage temperature				
Max altitude         min max         °C +80           Max altitude         m 2000           Mechanical features           Nograting position           Fixing         Normal Vertical plan           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 mm mm² 1 mm² 1 mm² 35           AWG/Kcmil           Mechanical life         cycles 20000           Weight         g 345           Frontal IP degree         IP20	Storage temperature	IIIdA		+70
Max altitude         max         °C         +80           Mechanical features           Operating position           Informal Position         Normal Position           Fixing         Normal Position         Vertical plan           Tightening torque for terminals         Image: Normal Nm         1.8         max         Nm         2         min         Nm         2         min         10         1         To an image of the position         Terminals tool         Pz 2           Conductor section         IEC         min         mm²         1         To an image of the position         Meg/Kcmil         min         mm²         1         To an image of the position         min         m	Storage temperature	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           min         Ibin         16         17.7           Terminals tool         Pz 2           Conductor section         IEC         min         mm²         1				
Mechanical features           Operating position           Fixing         35mm DIN rail           Tightening torque for terminals           min Nm Nm 1.8 max Nm 2 mmx Nm 2 mmx Nm 2 mmx 1bin 16 max 1bin 17.7           Terminals tool         Pz 2           Conductor section           IEC         min mm² 1 nm² 1 nmx mm² 35           AWG/Kcmil         min max mm² 35           AWG/Kcmil         min max 14 max 6           Mechanical life         cycles 20000           Weight         g 345           Frontal IP degree         IP20	May altitude	IIIdX		
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           IEC         min         mm²         1           AWG/Kcmil         min         mm²         35           AWG/Kcmil         min         max         m           Mechanical life         cycles         20000           Weight         g         345           Frontal IP degree         IP20			111	2000
Fixing         35mm DIN rail           Tightening torque for terminals         min max				
Fixing         35mm DIN rail           Tightening torque for terminals         min Nm Nm 1.8 max Nm 2 min Ibin 16 max Ibin 17.7           Terminals tool         Pz 2           Conductor section         min mm² mm² 1 max mm² 35           AWG/Kcmil         min max mm² 35           Mechanical life         cycles 20000           Weight         g 345           Frontal IP degree         IP20	Operating position	normal		Vertical plan
Tightening torque for terminals    min   Nm   1.8   max   Nm   2   min   lbin   16   max   lbin   17.7	Fisher	HOIIIIai		
Mechanical life   Min   Min   1.8   max   Nm   2   min   lbin   16   max   lbin   17.7     Terminals tool   Pz 2   Terminals tool   Terminals tool   Terminals tool   Terminals tool   Pz 2   Terminals tool   Terminals tool   Pz 2   Terminals tool   Terminals tool   Pz 2   Terminals tool   Terminals tool   Terminals tool   Pz 2   Terminals tool   Ter				35mm Din raii
Max   Nm   2   min   Ibin   16   max   Ibin   17.7	rightening torque for terminais		Niss	4.0
min min max         Ibin 16 max         16 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 345         Frontal IP degree				
Terminals tool				
Terminals tool				
Conductor section   IEC     min mm²   1   max mm²   35	Tamain ala tani	max	IDIN	
IEC				PZ Z
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 max         14 max           Mechanical life         cycles         20000           Weight         g         345           Frontal IP degree         IP20	- NYO #4	max	mm²	35
Mechanical life         cycles         20000           Weight         g         345           Frontal IP degree         IP20	AWG/Kcmil			4.4
Mechanical lifecycles20000Weightg345Frontal IP degreeIP20				
Weight g 345 Frontal IP degree IP20		max		
Frontal IP degree IP20				
			g	
Pollution degree 2				
	Pollution degree			2

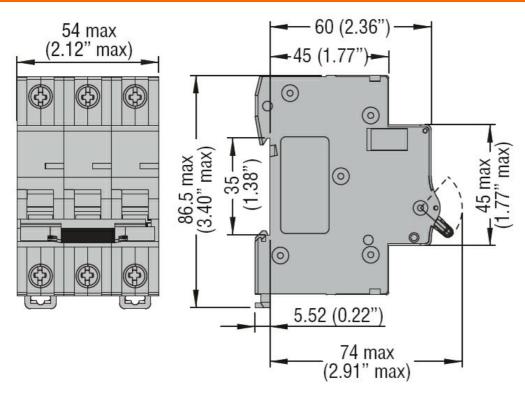


**ENERGY AND AUTOMATION** 

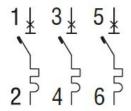
## Grid distance as per Annex H.1 of IEC/EN60898-1 standard

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** 

P1MB3PC32

EC000042 -Miniature circuit breaker (MCB)