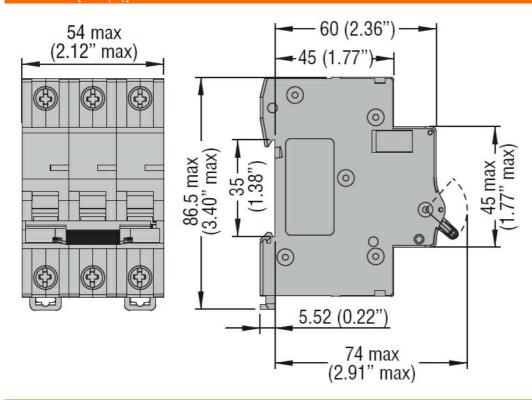




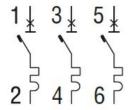
Product designation Fermand type designation Set of				
Product type designation	Draduat designation			Miniature circuit
Number of DIN modules 3P Number of DIN modules 3R Compliance 1EC / UL1077 Electrical features **** Rated insulation voltage U IEC/EN V 440 Rated insulation voltage Uimp kV 4 Rated operational voltage AC (IEC) VAC 230/400 Rated frequency	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 Uirip KV 40 Rated operational voltage AC (IEC) VAC 230/400 Rated frequency Hz 50/60 Rated frequency LC Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Power dissipation per pole max W 50/20 Ambient conditions W 70/20 Storage temperature min	Product type designation			P1 MB
Compliance IECT/LIO77 Electrical features ✓ 440 Rated insulation voltage Uir IEC/EN × 4 Rated impulse withstand voltage Uirp kV 4 Rated operational voltage AC (IEC) VAC 230/400 Rated doperational voltage AC (IEC) × 50 Rated current (In) A 50 Tripping curve × C Short circuit rating (IEC) kA 10 Electrical life vclcs 10000 Power dissipation per pole max vclcs 10000 Ambient conditions vclcs 40 Operating temperature min °C 40 Rate al inconditions min °C 40 Max altitude min vclc 40 Mechanical features min vclc 40 Operating position min vclc 440 Fixing nommal vclc 40 Mechanical features min min 18	Number of poles			3P
Electrical features V 440 Rated insulation voltage Uinpp kV 4 Rated operational voltage LOIRD VAC 230/400 Rated operational voltage AC (IEC) VAC 230/400 Rated operational voltage AC (IEC) hz 50/60 Rated current (In) A 50 Tripping curve C C Short circuit rating (IEC) kA 10 Power dissipation per pole max W 3.5 Ambient conditions Operating temperature min °C -40 max °C +70 Storage temperature Min °C -40 max °C +40 max °C +80 Mechanical features Operating position In more an in the position No 1.8 Fixing 35mm DIN rail Tightening torque for terminals nax nm 1.8	Number of DIN modules			3
Electrical features V 440 Rated insulation voltage Uinpp kV 4 Rated operational voltage LOIRD VAC 230/400 Rated operational voltage AC (IEC) VAC 230/400 Rated operational voltage AC (IEC) hz 50/60 Rated current (In) A 50 Tripping curve C C Short circuit rating (IEC) kA 10 Power dissipation per pole max W 3.5 Ambient conditions Operating temperature min °C -40 max °C +70 Storage temperature Min °C -40 max °C +40 max °C +80 Mechanical features Operating position In more an in the position No 1.8 Fixing 35mm DIN rail Tightening torque for terminals nax nm 1.8	Compliance			IEC / UL1077
Rated impulse withstand voltage Llimp kV 4 Rated operational voltage AC (IEC) VAC 230/400 Rated drequency Hz 50/60 Rated current (In) A 50 Tripping curve C C Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Power dissipation per pole max W 3.5 Ambient conditions W 3.5 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 2 AWG/Kemil min	·			
Rated impulse withstand voltage Llimp kV 4 Rated operational voltage AC (IEC) VAC 230/400 Rated drequency Hz 50/60 Rated current (In) A 50 Tripping curve C C Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Power dissipation per pole max W 3.5 Ambient conditions W 3.5 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 2 AWG/Kemil min	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 50 Tripping curve C C Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Power dissipation per pole max W 3.5 Ambient conditions Operating temperature min °C -40 max °C -			kV	4
Rated frequency Hz 50/60 Rated current (In)			VAC	230/400
Rated current (In) A 50 Tripping curve C Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Power dissipation per pole max W 3.5 Ambient conditions Operating temperature min °C -40 max °C +70 Storage temperature Max altitude min °C -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 2.8 max Nm 2.8 max Nm 1.8 max Nm 2.8 max Nm 2.2 Conductor section min mm 2.2 AWG/Kcmil min mm 14 max				
Tripping curve C Short circuit rating (IEC) kA 10 Electrical life cycles 10000 Power dissipation per pole max W 3.5 Ambient conditions Operating temperature min °C -40 max Nm 2000 Mechanical features max Nm 2 min Ibin 1.8 nm max				
Short circuit rating (IEC) KA 10 Electrical life cycles 100000 Power dissipation per pole max W 3.5 Ambient conditions Operating temperature min of conditions				
Electrical life			kA	
Power dissipation per pole max				
Ambient conditions				
Operating temperature min max °C votes and vot			• • • • • • • • • • • • • • • • • • • •	0.0
Min				
max °C +70 Storage temperature min °C -40 max °C +80 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 1.0 min lbin 16 16 max lbin 17.7 16 Terminals tool pz 2 2 Conductor section min mm² 1 IEC min mm² 35 AWG/Kcmil min min min 14 max min 6 6 Mechanical life cycles 20000 Weight g 345 Frontal IP degree IP20	Operating temperature	min	°C	-40
Storage temperature				
Max altitude min max °C +80 Mechanical features normal Vertical plan 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 mm nm² 1 max mm² 35 AWG/Kcmil min max mm² 35 Mechanical life cycles 20000 Weight g 345 Frontal IP degree IP20	Storage temperature	IIIax		+10
Max altitude max °C +80 Mechanical features Operating position Informal Position Normal Position Fixing Normal Position				



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)