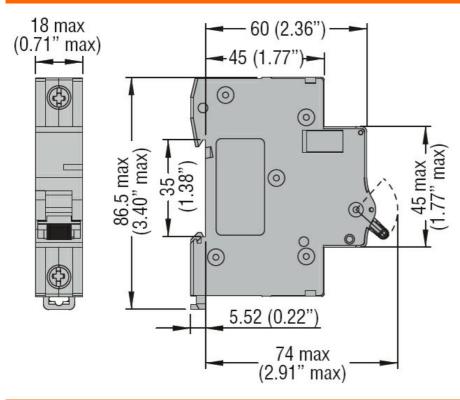




Draduat designation			Miniature circuit
Product designation			breaker (MCB)
Product type designation			P1 MB
Number of poles			1P+N
Number of DIN modules			1
Compliance			IEC
Electrical features			
Rated insulation voltage Ui IEC/EN		V	440
Rated impulse withstand voltage Uimp		kV	4
Rated operational voltage AC (IEC)		VAC	230
Rated frequency		Hz	50/60
Rated current (In)		Α	20
Tripping curve			С
Short circuit rating (IEC)		kA	6
Electrical life		cycles	10000
Power dissipation per pole max		W	1.56
Ambient conditions			
Operating temperature			
	min	°C	-40
	max	°C	+70
Storage temperature			
2	min	°C	-40
	max	°C	+80
Max altitude		m	2000
Mechanical features			
Mechanical features Operating position			
Mechanical features Operating position	normal		Vertical plan
Operating position	normal		Vertical plan
Operating position  Fixing	normal		Vertical plan 35mm DIN rail
Operating position		Nm	35mm DIN rail
Operating position  Fixing	min	Nm	35mm DIN rail
Operating position  Fixing	min max	Nm	35mm DIN rail 1.1 1.2
Operating position  Fixing	min max min	Nm Ibin	35mm DIN rail 1.1 1.2 9.7
Operating position  Fixing  Tightening torque for terminals	min max	Nm	35mm DIN rail 1.1 1.2 9.7 10.6
Operating position  Fixing Tightening torque for terminals  Terminals tool	min max min	Nm Ibin	35mm DIN rail 1.1 1.2 9.7
Fixing Tightening torque for terminals  Terminals tool Conductor section	min max min	Nm Ibin	35mm DIN rail 1.1 1.2 9.7 10.6
Operating position  Fixing Tightening torque for terminals  Terminals tool	min max min max	Nm Ibin Ibin	35mm DIN rail  1.1 1.2 9.7 10.6 Pz 2
Fixing Tightening torque for terminals  Terminals tool Conductor section	min max min max	Nm Ibin Ibin	35mm DIN rail  1.1 1.2 9.7 10.6 Pz 2
Operating position  Fixing Tightening torque for terminals  Terminals tool Conductor section  IEC	min max min max	Nm Ibin Ibin	35mm DIN rail  1.1 1.2 9.7 10.6 Pz 2
Fixing Tightening torque for terminals  Terminals tool Conductor section	min max min max min max	Nm Ibin Ibin	35mm DIN rail  1.1 1.2 9.7 10.6 Pz 2
Operating position  Fixing Tightening torque for terminals  Terminals tool Conductor section  IEC	min max min max min max	Nm Ibin Ibin	35mm DIN rail  1.1 1.2 9.7 10.6 Pz 2  1 16
Operating position  Fixing Tightening torque for terminals  Terminals tool Conductor section  IEC  AWG/Kcmil	min max min max min max	Nm Ibin Ibin mm² mm²	35mm DIN rail  1.1 1.2 9.7 10.6 Pz 2  1 16
Operating position  Fixing Tightening torque for terminals  Terminals tool Conductor section  IEC  AWG/Kcmil  Mechanical life	min max min max min max	Nm Ibin Ibin mm² mm²	35mm DIN rail  1.1 1.2 9.7 10.6 Pz 2  1 16  14 6 20000
Fixing Tightening torque for terminals  Terminals tool Conductor section  IEC  AWG/Kcmil  Mechanical life Weight	min max min max min max	Nm Ibin Ibin mm² mm²	35mm DIN rail  1.1 1.2 9.7 10.6 Pz 2  1 16 14 6 20000 115
Operating position  Fixing Tightening torque for terminals  Terminals tool Conductor section  IEC  AWG/Kcmil  Mechanical life	min max min max min max	Nm Ibin Ibin mm² mm²	35mm DIN rail  1.1 1.2 9.7 10.6 Pz 2  1 16  14 6 20000



## Dimensions



## Wiring diagrams

## Certifications and compliance

Compliance

IEC/EN 60898-1

IEC/EN 60947-2

Certifications

EAC

TÜV-Rheinland

## ETIM classification

ETIM 8.0

EC000042 -Miniature circuit breaker (MCB)