

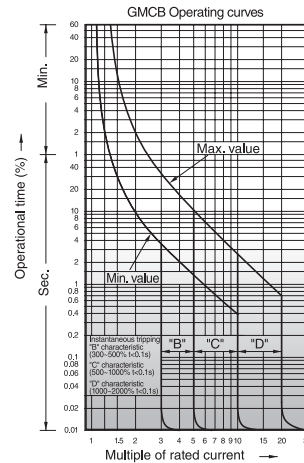
⚠ Before installation, wiring, operation, maintenance and inspection of the device, be sure to read the operating instructions carefully to ensure proper operations.

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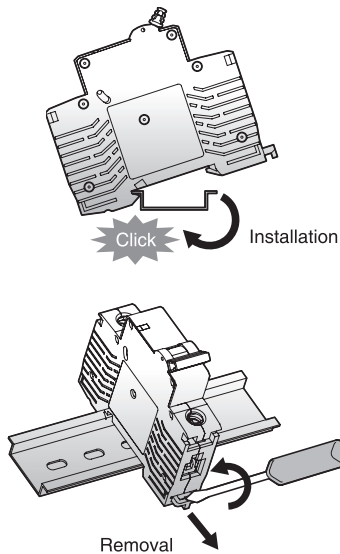
1. Ratings

Type	GMCB	
Rated Current	1,2,3,4,5,6,8,10,15,16,20,25,30,32,40,50,63A	
Rated Voltage	1P: 120/240V 2P: 240V 3P: 240V	1P: 277V 2P: 480Y/277V 3P: 480Y/277V
Breaking Capacity	10,000A	6,000A
Characteristics	B, C, D	
Mount	On 35mm DIN-Rail Mounting angle 90°	
Terminal Wire Capacity	Lug Type (14 to 4 AWG)	
Aux. Contact/Alarm	GMCB-AUX11/GMCB-ALM11	
Shunt Trip	GMCB-SH	
Normal Ambient Temperature	-5 to 40°C	

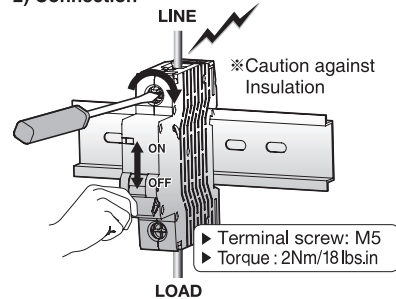


2. Installation

1) Installation and Removal



2) Connection



In	Max. Wiring Capacity (Use copper wire rated for 65°C)
1~15A	14AWG
16~20A	12AWG
21~30A	10AWG
31~40A	8AWG
50A	6AWG
63A	4AWG

Reference: UL 1077

3. Safety Precaution

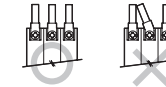
- ⚠ **DANGER:** Not following instructions could result in death or serious injury.
- ⚠ **CAUTION:** Not following instructions could result in minor injury or physical damage.

⚠ DANGER

- 1) Turn off the upstream circuit breaker before installing or service to prevent electric shocks and burns due to short circuit.
- 2) Do not touch any live naked terminals. It makes an electric shock.
- 3) Do not touch two live lines simultaneously. The circuit breaker does not operate even if an electric shock occurs.

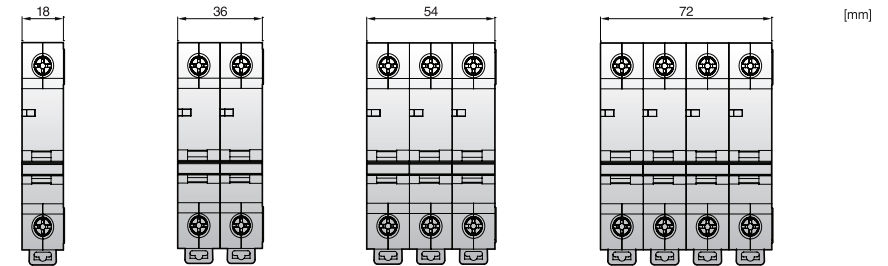
⚠ CAUTION

- 1) Installation by qualified electrician only, per NEC.
- 2) Do not install the circuit breaker in place of environment with shock, high temperature, humidity, dust, corrosive gases, excessive vibration, etc. to prevent fire accidents and malfunction of the device.
- 3) Use the breaker in a range of the rated voltage and current shown on the name plate. Or it may cause malfunction.



- 4) Each terminal or conductor pole should be connected in parallel as shown below.
- 5) Be sure to ground the ground terminals of electrical devices.
- 6) When the circuit breaker trips, remove the fault and turn the handle "ON". Or else, it may lead to the fire accident.
- 7) Do not modify the device unless it is permitted.
- 8) When the device become useless, it should be dispose of them as an industrial waste.
- 9) In order to fix MCB in DIN-Rail, Install end bracket on the both MCB side, After wiring.
- 10) Wiring must be connected as labeled "Line" and "Load".

4. Dimension



*Each item's appearance varies slightly.
But Terminal height and Overall dimension are same

Acceptable fork terminal

