

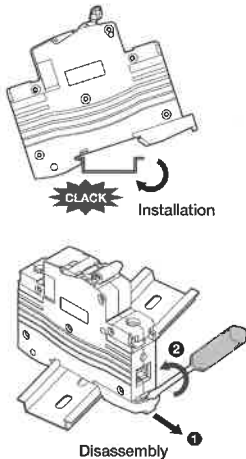
⚠ Before installation, wiring, operation, maintenance and inspection of the device, be sure to read the operating instructions carefully to ensure proper operations.

## 1. Ratings

Type	BKJ63E	BKJ63N/BKJ63Nd
Rated Current	1, 2, 3, 4, 6, 10, 13, 16, 20, 25, 32, 40, 50, 63A	
Rated Voltage	1P: 240/415V AC, 1P+N: 240V AC, 2P~4P: 415V AC	
Breaking Capacity	I <sub>cu</sub> =I <sub>cs</sub> =4.5kA	I <sub>cu</sub> =I <sub>cs</sub> =6kA
Characteristics	B, C, D curve	
Mount	On 35mm DIN-Rail	
Terminal	Lug Type (Cable up to 16mm <sup>2</sup> ) - BKJ63E, BKJ63N Dual Type (Lug & Screw) - BKJ63Nd	
Accessory	AX, AL, SHT, OVT/UVT	
Standard	SEMKO CB IEC60898-1 - BKJ63E, BKJ63N, BKJ63Nd SEMKO CB IEC60947-2 - BKJ63N, BKJ63Nd	

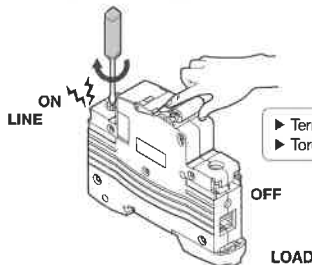
## 2. Installation

### 1) Installation and Disassembly



### 2) Connection

※ Caution against insulation



- ▶ Terminal screw : M5
- ▶ Torque : 2.0N·m (Max.: 2.5N·m)

In(A)	Wiring Capability
In ≤ 6	1mm <sup>2</sup>
6 < In ≤ 13	1.5mm <sup>2</sup>
13 < In ≤ 20	2.5mm <sup>2</sup>
20 < In ≤ 25	4mm <sup>2</sup>
25 < In ≤ 32	6mm <sup>2</sup>
32 < In ≤ 50	10mm <sup>2</sup>
50 < In ≤ 63	16mm <sup>2</sup>

\* Reference : IEC 60898-1

## 3. Safety Precaution

- ⚠ **DANGER** : Offending against the message will result in death or serious injury.
- ⚠ **CAUTION** : Offending against the message will 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 shocks.
- 3) Do not touch two live lines simultaneously. The circuit breaker does not operate even if an electric shock occurs.

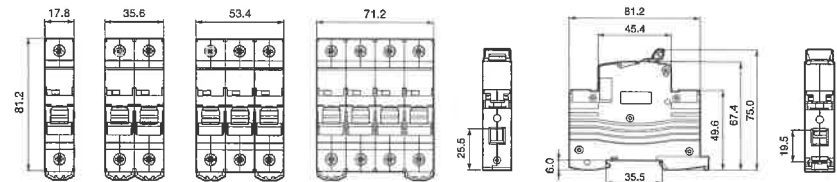
### ⚠ CAUTION

- 1) 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.
- 2) Use the breaker in a range of the rated voltage and current shown on the name plate. Or it may cause malfunction.
- 3) Each terminal or conductor pole should be connected parallel as shown below.



- 4) Be sure to ground the ground terminals of electrical devices.
- 5) When the circuit breaker trips of it self, remove the cause and turn the handle on. Or else, it may lead to the fire accident.
- 6) Do not modify the device unless it is permitted.
- 7) When the device become useless, it should be dispose of them as an industrial waste.
- 8) In order to fix MCB in DIN-Rail, Install fixing bracket on the both MCB side, After wiring.

## 4. Dimension



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