

Product Specifications

Products Name: Moulded Case Circuit Breaker

Products model: NDB6-125

Date: 20160126

Prepare	Review	Approvel
Heng Ke	ZhiQiang Huo	Wei Yang

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1、Applicable scope and purpose

- Short -circuit protection
- Over-load protection
- Control
- Isolation

NDB6-125 breaker is also widely used in the final distribution of solar, industry, buildings ,energy, telecom and infrastructure sectors.

2、Picture :



1P product



2P product

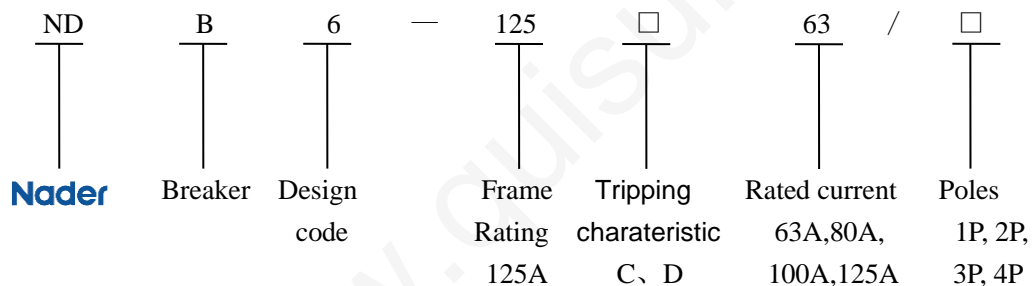


3P product



4P product

3、 Model and implication:



4、 Main technical specification

- electric parameter
 - Rated working voltage :AC230V/240V(1P),AC400/415V(2P,3P,4P)
 - Rated current:C: 63A, 80A, 100A, 125A
D: 63A, 80A, 100A
 - Rated breaking capacity : Rated operating short circuit capacity:Ics=7.5kA
Rated ultimate breaking capacity: Icu=15kA
 - Impulse voltage endurance : 8KV
 - Application category : A
- Isolation function
- Practical breaking instructions
- View window within the green identification said contact in the off position
- Mechanical life: 10000 times;

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- Wiring: Tunnel type terminal;
- 10 mm² – 50 mm² conducting wire.
- Wiring Diagram

5. Normal working environment

- ambient temperature: -35℃ ~ +70℃
- Air relative humidity: ≤95%
- height: ≤2000m
- pollution degree :3
- service place without significant vibration and impact

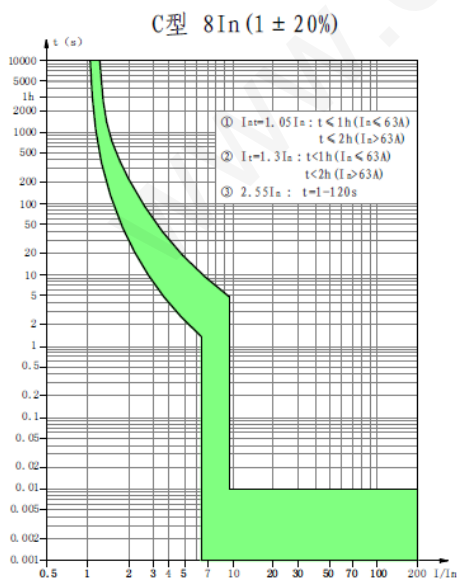
6. Tripping characteristic

C type curve

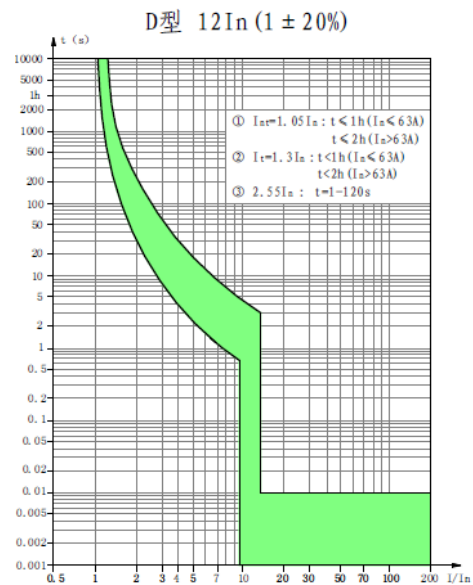
- Protect normal load and distribution wirecable
- rated current: 63A、80A、100A、125A
- tripping characteristic: The instantaneous tripping range 8In (1±20%)

D type curve

- Protect starting current big impact load (Such as motor, transformer)
- rated current: 63A、80A、100A
- tripping characteristic: The instantaneous tripping rang 12In (1±20%)



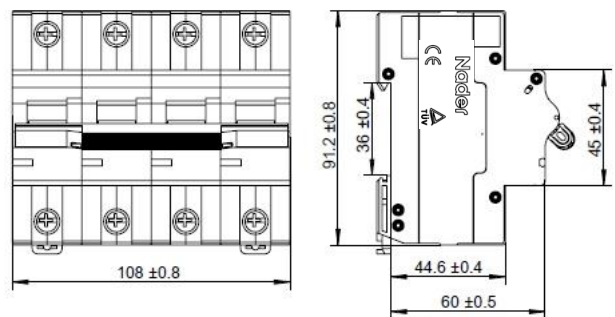
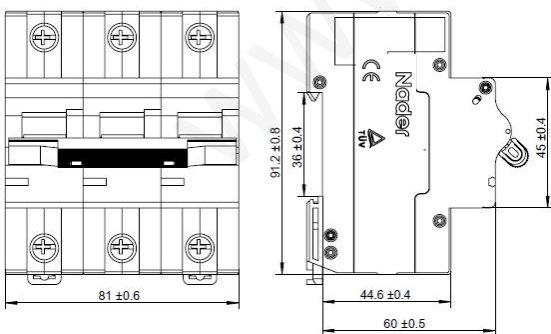
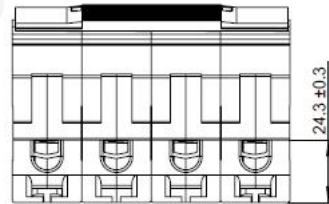
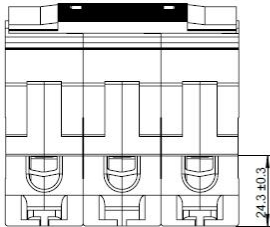
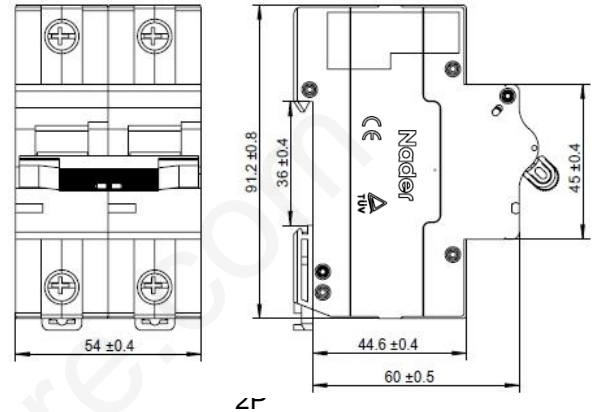
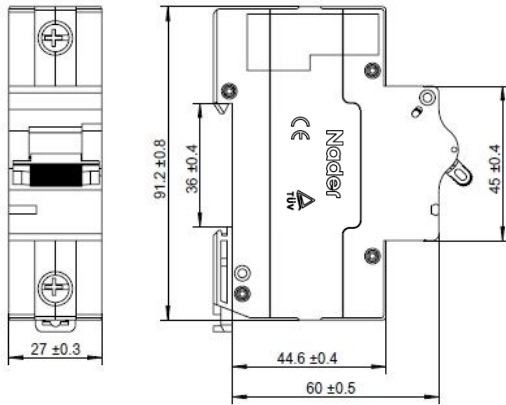
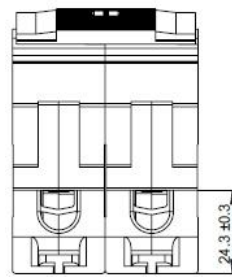
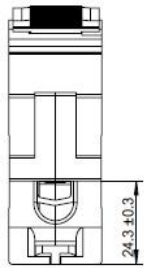
C type



D type

7. Outline dimensions

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8. Mounting

Modular construction, can be installed in TH35mm x 7.5 standard guide rail

9. Packing storage

quantity (1P product: 9PCS/box, 2P product: 4PCS/box, 3P product: 3PCS/box, 4P product: 2PCS/box),

Packing boxes of products should be stored in the air circulation and relative humidity is not more than

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80% and the temperature is not higher than + 70 °C, Not less than - 30 °C in the air around without acid, alkali or other corrosive gases stored in the warehouse. In the above conditions, the storage period since the production date not more than three years.

10、 Notice

- 1、 The manufacturer is irresponsible for quality problems caused by disassembling products privately;
- 2、 Do not touch the Non-insulated and exposed parts during the electrified working condition;
- 3、 Don't test characteristics of the breaker optionally, the manufacturer is irresponsible for such quality problems;
- 4、 Keep wiring correct to prevent malfunction or damage of wiring terminals.

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