

1、Applicable scope and purpose

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

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

2、Picture:



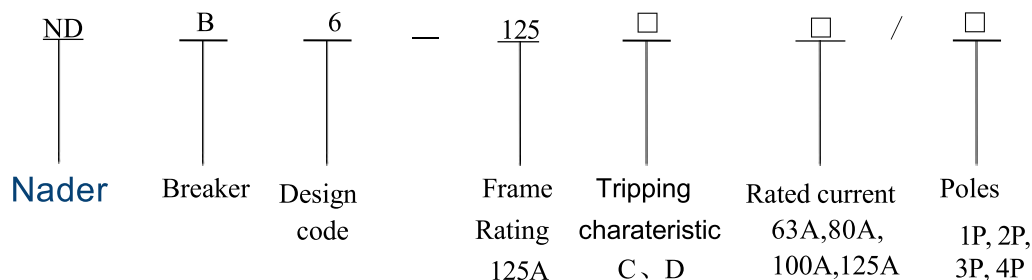
1P product

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 : 4kV
Rated nominal insulation voltage:1000V
 - Application category : A
- Isolation function
- Practical breaking instructions
- View window within the green identification said contact in the off position

- Mechanical life: 10000 times;
- Wiring: Tunnel type terminal;
- 10 mm² – 50 mm² conducting wire.
- Standards and Certificates
 - GB/T 14048.2、IEC 60947-2
- Environmental requirements: RoHS

5、Normal working environment

- ambient temperature : -40℃~+70℃
- Air relative humidity: ≤95%
- height: ≤2000m
- pollution degree :3
- service place without significant vibration and impact

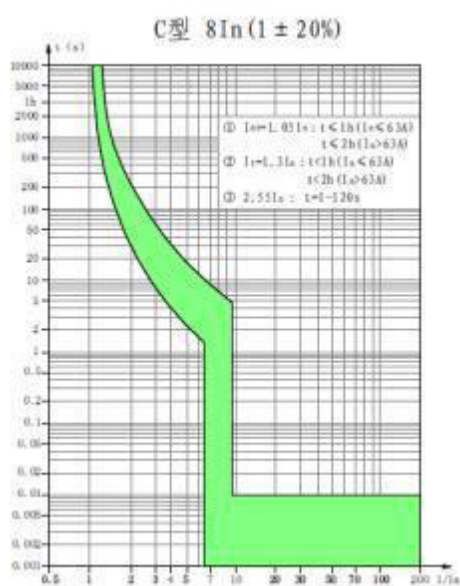
6. Tripping characteristic

C type curve

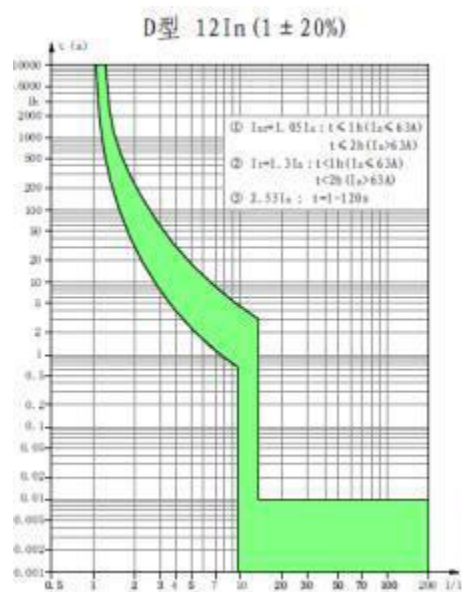
- Protect normal load and distribution wirecable
- rated current: 63A、80A、100A、125A
- tripping characteristic: The instantaneous tripping range $8I_n$ ($1 \pm 20\%$)

D type curve

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

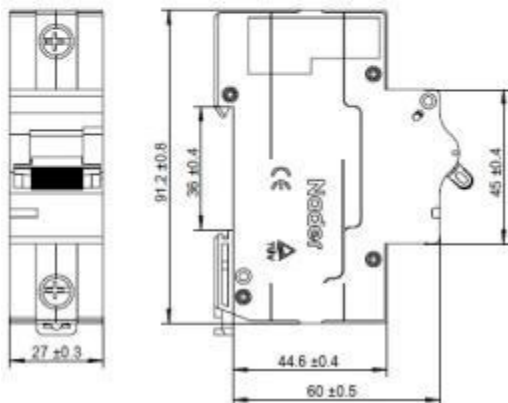
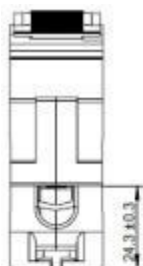


C type

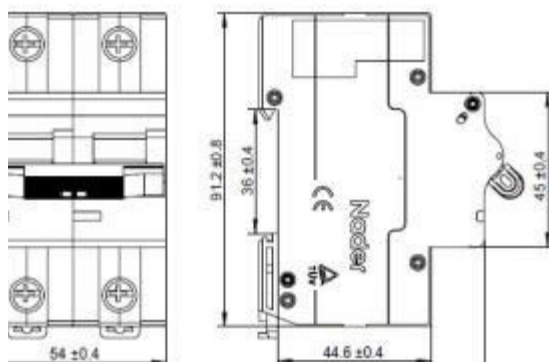
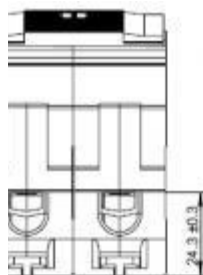


D type

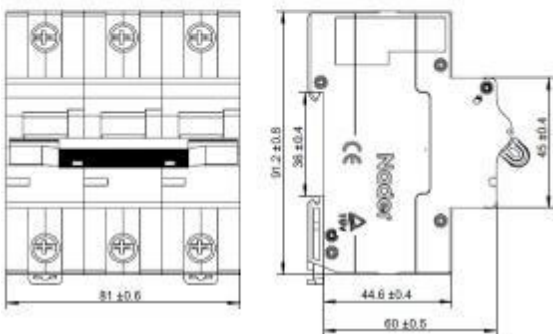
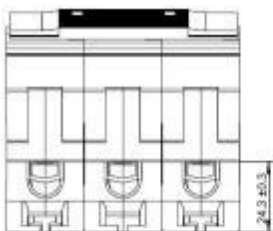
7、Outline dimensions



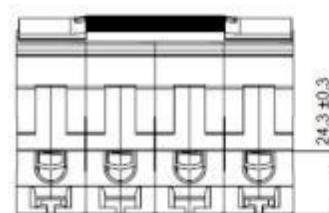
1P



2P



3P



4P

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) ,

CCC, CQC, CB, CE, TUV, SAA

Miniature Circuit Breaker

NDB6-125 series



Packing boxes of products should be stored in the air circulation and relative humidity is not more than 80% and the temperature is not higher than + 70 °C, Not less than - 40°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.