

Miniature Circuit Breaker

Application

1. Main type:
 1. C type mainly used b. D type mainly used for Dynamic protection
2. The circuit breaker of Rated current is: 16A, 20A, 25A, 32A, 40A, 50A, 63A, 80A, 100A, 125A
3. The poles of circuit breaker is: single, 2P, 3P and 4P)
4. The circuit breaker is installed with 35X7.5 standard rail
5. Rating of main Circuit of Circuit Breaker as table 1.
6. Overcurrent tripping characteristic as table 2.

Table 1

Rated current(A)	Pole	Rated voltage(V)	Rated short-circuit breaking capacity	
		125/250/375/500	Test line expected current(A)	Power factor
16-125	1,2,3,4		10000	0.45~0.50

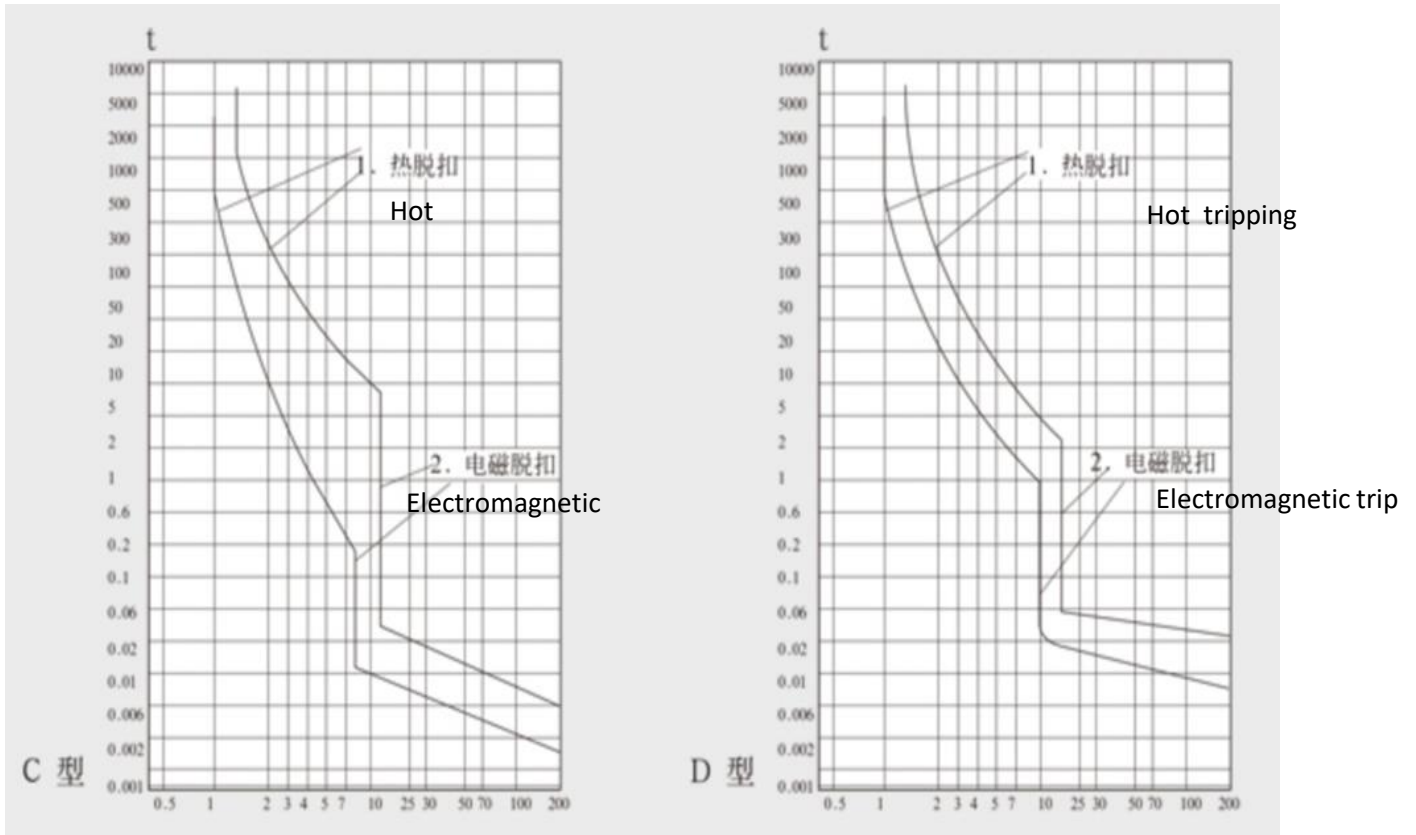
Table 2

Ambient air humidity	I/In	Expected results of test time		Initial state
		In ≤ 63A	In > 63A	
30±2℃	1.05	No tripping within an hour.	No tripping within two hour.	Cold start
	1.3	Tripping within an hour.	tripping within two hour.	Hot start
5~45℃	8.0~12.0 (C)	<0.2s tripping		Cold start
	10.0~14.0(D)	<0.2s tripping		

7. Power frequency voltage: After Moisture and heat resistance, Circuit breaker can withstand 2500V power frequency withstand voltage test for 1 minute without flashover or breakdown.

8. Mechanical and electrical life: The electrical life of the circuit breaker is 10000 times, other machine life is 1500 times.

Tripping characteristic curve



Appearance and packaging size

10、Anti-moist heat type: Type 2(temperature is 55°C, relative humidity is 95%).

11、Connect cable: use terminal with clamp,Fixed cable cross section up to 50mm²

