

9CB Series MCB

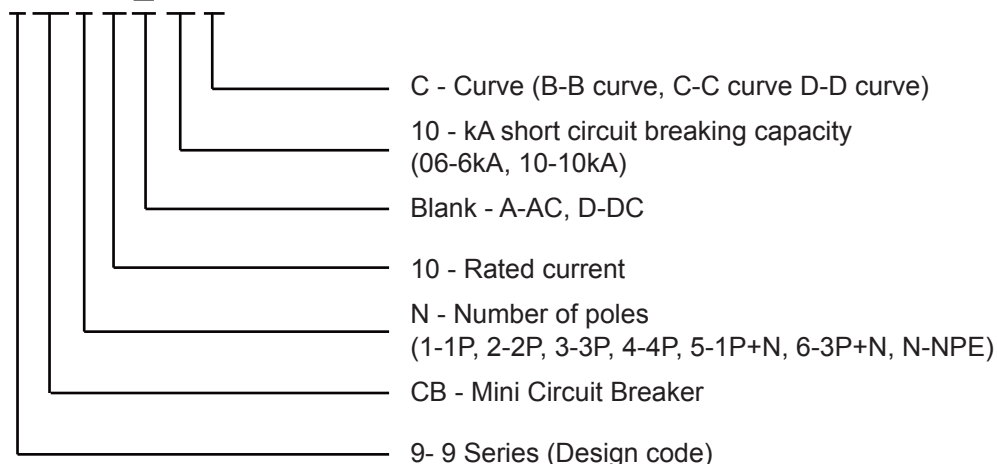


Application

The 9CB series miniature circuit breaker is applicable to the circuit with an alternating current of 50Hz, rated voltage of 230/400V, and rated current up to 63A for overload protection and short circuit protection, and also for not-frequent operational transformation in the circuit under normal condition. This product can be applied to various places such as industrial, commercial, and tall buildings, and residential houses. The product meets the standards of IEC60898-1.

Type designation

9 CB 1 06 □ 10 C



Technical data

1. Main specifications
2. Graded according to the rated current I_n : 1A, 2A, 3A, 4A, 6A, 10A, 16A, 20A, 25A, 32A, 40A, 50A, 63A;
3. Classified as follows according to the type of instantaneous release: type B (3-5) I_n , type C (5-10) I_n , type D(10-16) I_n ;
4. Categorized as follows according to the number of poles: a single pole; b two poles; c three poles; d four poles;
5. For the rated short circuit breaking capacity:

Rated current I_n (A)	Number of poles	Rated voltage U_e (V)	Rated short circuit capacity I_{cn} (A)
B、C type: 1~40	1	230/400	10000
	2, 3, 4	400	
B、C type: 50 60	1	230/400	
	2, 3, 4	400	
D type: 1~63	1	230/400	
	2, 3, 4	400	

6. Mechanical/electrical life

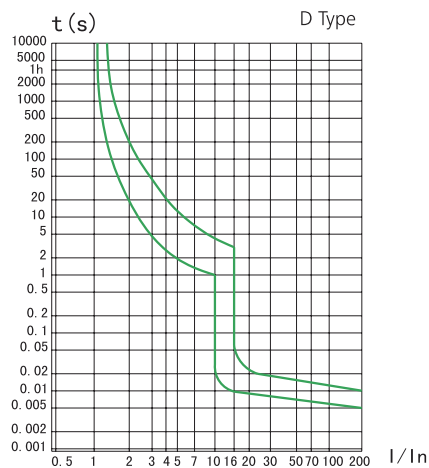
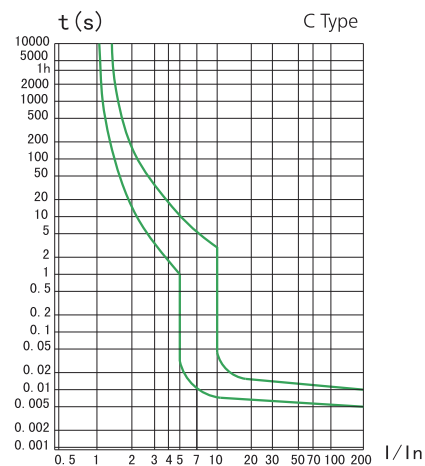
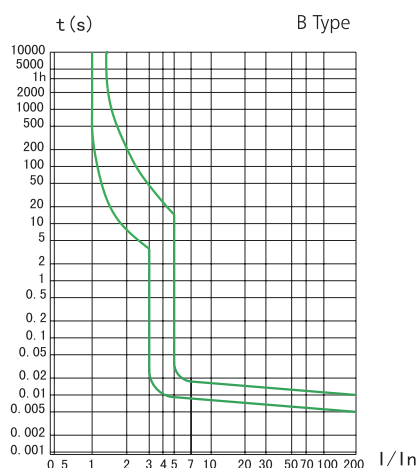
- a. Electrical life: not less than 4,000 times
- b. Mechanical life: not less than 10,000 times

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Overload current tripping characteristic

Teseing current	Rated voltage	Limited t ime	Pre-engage result	Start state	Note
1.13In	all	t=1h	non-trip	cold state	The current rise steadily to a fixed value within 5s
1.45In	all	t<1h	trip		
2.55In	In=32A	1s <60S< div>	trip		
2.55In	In>32A	1s <120S< div>	trip		
5In(C)	all	t=0.1s	non-trip		Open the supplementary witch,connect the power
10In(C)	all	t=0.1s	trip		Open the supplementary witch,connect the power
10In(D)	all	t=0.1s	non-trip		Open the supplementary witch,connect the power
50In(D)	all	t=0.1s	trip		Open the supplementary witch,connect the power

Motion characteristic curve



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Outline and installation dimensions

