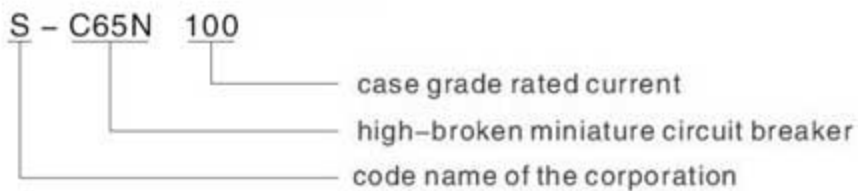




### ● product model and meaning



### ● Application scope

The S-C65N-100 series high-broken miniature circuit breaker is used for protecting short or overload of wire, and it is applied to the distribution system of lighting distribution system or motor. It owns features of beautiful outline, light weight, reliable performance, high broken capability, fast trip, reverseguide installation, the outer cover and components is made of highly anti-fire and anti-shock plastic which has long endurance, it is mainly used for overload, short protection of AC 50Hz/60Hz, single-pole 230V, two, three, four poles 400V wire, while, it also could be used for non-frequently switching on/off electrical appliance and lighting-wire.

### ● main rated data

Main type: a、c type mainly used for lighting protection;

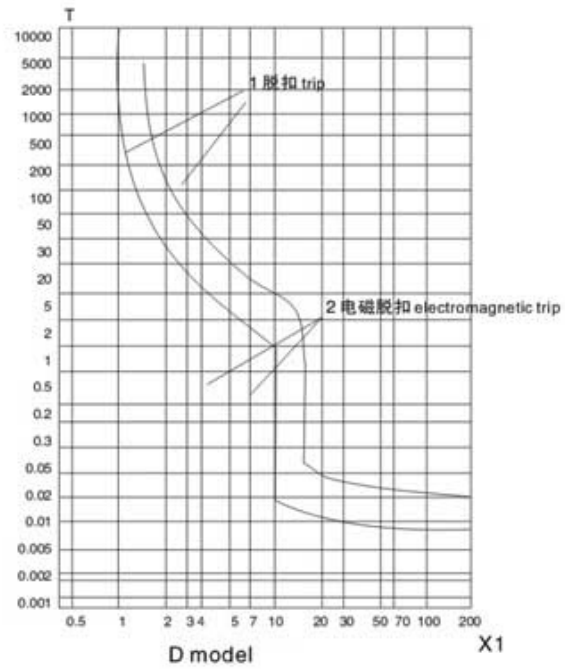
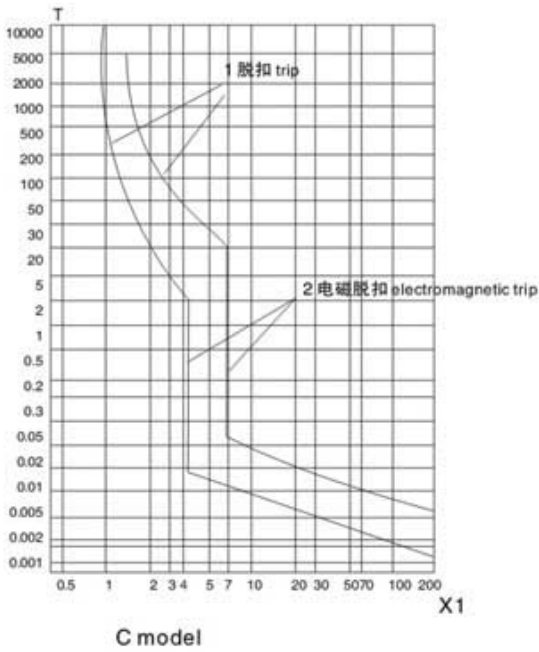
b、c type mainly used for motor's protection;

the rated current of circuit breaker is 63、80、100A;

the pole-quantity of breaker could be divided into: single-pole、two-pole、three-pole、four-pole; this breaker is plug-in installation (could be installed onto installation guides); the over-current trip feature read form 1. (form)1

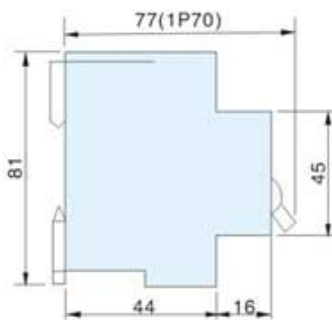
serial No	the rated current of trip device	start state	test current	specified time	anticipation result	remarks
a	all value	cold state	1.13In	$t \geq 1h$	no trip	
b	$In \leq 63A$	conducting follows shortly after the a test value within 5S.	1.45In	$t < 1h$	trip	the current would be raised to the specified
	$In \geq 63A$			$t < 2h$		
c	$In \leq 63A$	热态 hot state	2.55In	$1s < t < 60s$	trip	
	$In \geq 63A$			$1s < t < 120s$		
d	所有值 all value	冷态 cold state	5In(10In)	$t \geq 0.1s$	no trip	the figure D type in brackets
e	所有值 all value	冷态 cold state	10In(50In)	$t < 0.1s$	trip	the figure D type in brackets

● Hot, electromagnetic trip characteristics



● The outline and installation dimension

outline dimension



installation guide's dimension diagram

