

## DZ56-125 Series Miniature Circuit Breaker

### 1. Application

DZ56-125 is such features as delicate appearance, light weight, excellent and reliable performance, high breaking capacity, rapid tripping and mounted by rail. Its enclosure and components adopts high fire-retarding and shock-resistance plastic of long durability. It mainly serves for protecting the circuits of AC 50Hz-60Hz, 230V of single pole, 400V of two poles or three or four poles from overload or short-circuit, and also for unfrequent making and breaking electrical apparatus and lighting circuit. It conforms with the standards of IEC60947-2.



DZ56-125 1P



DZ56-125 2P



DZ56-125 3P

### 2. Main Technical Parameter

Type	DZ56-125	
Pole	1P	2P, 3P, 4P
Rated current(A)	63, 80, 100, 125	
Rated voltage(V)	230	400
Ambient temperature	~5°C~+40°C	
Type of instantaneous release	C, D	
Rated short circuit breaking capacity Icn(kA)	10	

### 3. The Over-current Protection Property

Ambient temperature	Initial status	Test current	Test time	Expected result	Note
40 ± 2°C	Cold position	1.05(In ≤ 63A)	t ≤ 1h	Non-release	-
	Cold position	1.05(In > 63A)	t ≤ 2h	Non-release	-
	Carried out immediately after previous test	1.30(In ≤ 63A)	t < 1h	Release	Current smoothly rises to specified value within 5s
	1.05(In > 63A)	t < 2h	Release		
-5 ~ +40°C	Cold position	8.00In	t ≤ 0.2s	Non-release	-
	Cold position	12.00In	t < 0.2s	Non-release	-

### 4. Applicable Conducting Wire

Rated current(A)	Normal cross section of wire mm <sup>2</sup>
63A	16
80A	25
100A	35
125A	50

### 5. Dimension



DZ56-125 4P

