

## DZ55-63 Series Miniature Circuit Breaker

### 1. Application

DZ55-63 is applicable to a line of AC 50/60HZ, rate voltage 400V and DC rate voltage 250V for protecting overload and short circuit, and rated current up to 63A. It can also be used for infrequent line conversion under the normal condition. The breaker is applicable to lighting distribution system in industrial enterprise, commercially district, high-rise building and dwelling, it conforms with the standards of IEC60898.

### 2. Main Technical Parameter

Type	DZ55-63			
Pole	1P	2P	3P	4P
Rated voltage(AC)	230	400	400	400
Rated voltage(DC)	<60V	125V	125V	250V
Rate short circuit breaking(AC)	1-40A:6KA		50-63A:4.5KA	
Rate short circuit breaking(DC)	10KA	15KA	25KA	25KA

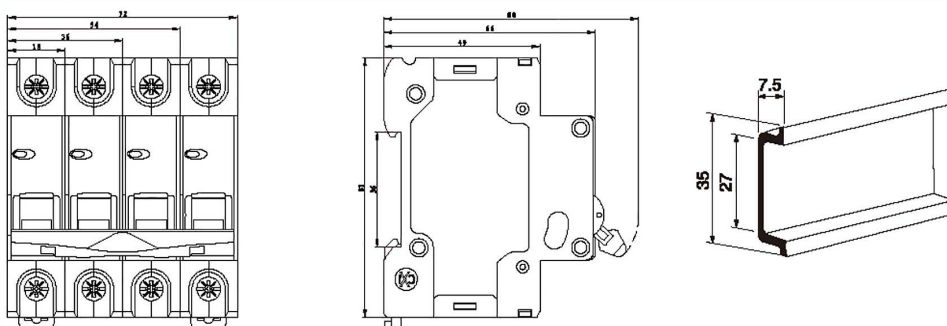
### 3. Applicable Conducting Wire

Rated current (A)	Normal cross section of wire mm <sup>2</sup>
1-6A	1
10A	1.5
16, 20A	2.5
25A	4
32A	6
40, 50A	10
63A	16

### 4. The Over-current Protection Property

Ambient temperature	Initial status	Test current	Test time	Expected result	Note
30 ± 2°C	Cold position	1. 13In	t ≤ 1h	Non-release	-
	Carried out immediately after previous test	1. 45In	t < 1h	Release	-
	Cold position	2. 55In	1s < t < 60s (In ≤ 32A)	Release	Current smoothly rises to specified value within 5s
Cold position	2. 55In	1s < t < 120s (In > 32A)	Release		
-5 ~ +40°C	Cold position	3In	t ≤ 0.1s	Non-release	Type B
	Cold position	5In	t < 0.1s	Release	Type B
	Cold position	5In	t ≥ 0.1s	Non-release	Type C
	Cold position	10In	t < 0.1s	Release	Type C
	Cold position	10In	t ≥ 0.1s	Non-release	Type D
	Cold position	20In	t < 0.1s	Release	Type D

### 5. Dimension



DZ55-63 1P



DZ55-63 2P



DZ55-63 3P



DZ55-63 4P