

1.Application

DZ56-125 is such features as delicate appearance,light weight.excellent and reliableperformance, 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 servesfor 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.

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℃~+40℃	
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℃	Cold position	1.05In(In≤63A)	t≤1h	Non-release	-
	Cold position	1.05In(In>63A)	t≤2h	Non-release	-
	Carried out immediately after previous test	1.30In(In≤63A)	t<1h	Release	Current smoothly rises to specified value within 5s
		1.30In(In>63A)	t<2h	Release	
-5~+40℃	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)	Norminal cross section of wire mm ²
63A	16
80A	25
100A	35
125A	50

5.Dimension

