



> Application

DZ47-63 series is applicable to the line of AC 50Hz/60Hz, 230V in single pole, 400V in double, three, four poles for protecting overload and short circuit, and rated current up to 63A. It can also be used for frequent line conversion under the normal condition. The breaker is applicable for lighting distribution system in industrial enterprise, commercial district, high-rise building and dwelling house. It conforms with the standard of IEC60898.

> Main Technical Parameter

Туре	DZ47-63				
_ Pole	1P	2P, 3P			
Rated current (A)	6,10,16,20,25,32,40,50,63				
Rated voltage(V)	230	400			
Ambient temperature	-5°C∼+40°C				
Type of instantaneous release	С	D	С	D	
Rated short circuit breaking capacity Icn(KA)	1-32A: 5 50-63A: 4.5	4	1-32A:5 50-63A:4.5	4	

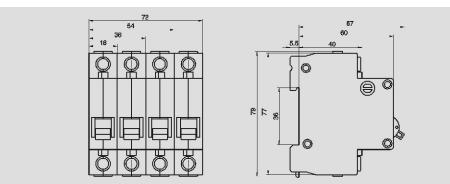
> Applicable conducting wire

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

> The over-current protection property

Ambient	Initial Status	Test	Expected	Expected	Note
Temperature	Initiai Status	Current	Result	Result	
30±2℃	Cold position	1.13In	t≥1h	Non-release	-
	Carried out immediately	1.45In	t<1h	Release	-
	after previous test				
	Cold position	2.55In	1s <t<60s< td=""><td rowspan="2">Release</td><td rowspan="4">Current smoothly rises to specified value within 5s</td></t<60s<>	Release	Current smoothly rises to specified value within 5s
	Cold position		(In≤32A)		
	Cold position	2.55In	1s <t<120s< td=""><td rowspan="2">Release</td></t<120s<>	Release	
			(In>32A)		
-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

> Dimension



DZ47-63 1P



DZ47-63 2P



DZ47-63 3P