



Product Overview

High breaking miniature circuit breaker of DZ47 series mainly used in AC 50Hz, single electrode 230V, two or three or four electrodes 440V, and the protection of overload or short-circuit when the current exceeds 63A. Meanwhile, it also can infrequently break the electric device and light circuit under normal conditions. Besides, it's especially suitable for industrial and commercial Lighting distribution system.

All technical indexes are in conformity with IEC60898-1 and GB10963.1 .

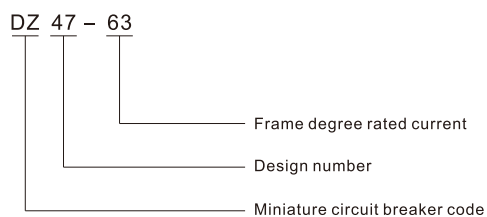


Working Environment

- Temperature: $-5^{\circ}\text{C} \sim +40^{\circ}\text{C}$, daily average temperature does not exceed 35°C
- Installation altitude: $<2000\text{m}$
- Air humidity: $<50\%/40^{\circ}\text{C}$; $<90\%/25^{\circ}\text{C}$
- Installation type: embedded installation



Model Descriptions



Specifications and Main Parameters

● Classification

Rated current	6A, 10A, 16A, 20A, 25A, 32A, 40A, 50A, 63A
Electrode	Single, two, three, four
Instantaneous release	Type C: Lighting protection ; Type D: Motor protection

● Rated short-circuit breaking capacity

Rated current (A)	Electrode	Rated voltage	Rated short-circuit breaking capacity	
			Prospective current (A)	Power factor
6~40	1	230/400	6000	0.65~0.70
	2,3,4	400	6000	0.65~0.70
50~63	2	230/400	6000	0.75~0.80
	2,3,4	400	6000	0.75~0.80

● Feat/Electromagnetic release characteristic

No.	Release rated current	The start state	Test current	The specified time	The expected results	Remarks
a	All values	Cold condition	1.13In	T≤1h	No release	
b	All values	Followed by the test of "a"	1.45 <In	T<1h	Release	The current rises steadily to the specified value within 5s
c	In≤32A	Cold condition	2.55In	Is<T<60s	Release	
	In>32A			Is<T<120s		
d	All values	Cold condition		T≥0.1s	No release	Type C
e	All values	Cold condition		T<0.1	Release	Type C
f	All values	Cold condition		T≥0.1s	No release	Type D
g	All values	Cold condition		T<0.1	Release	Type D

Mechanical and electrical life: >10000 times

Dimension

