

DZ47-63 High Breaking Mini Circuit Breakers

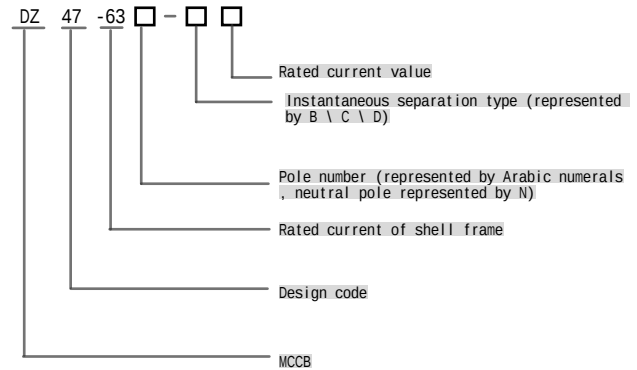


1、Scope Of Use

This product is suitable for protecting short circuits and overloads in circuits, suitable for lighting distribution systems or motor distribution systems. It has a beautiful and compact appearance, light weight, excellent performance, reliable breaking ability, and fast release. The guide rail is installed, and the shell and components are made of high flame retardant and impact resistant plastic. With a long service life, it is mainly used for overload and short circuit protection of AC 50Hz, rated voltage up to 400V, and rated current up to 63A lines. At the same time, electrical devices and lighting circuits can also be turned on and off infrequently under normal circumstances.

This product complies with GB10963.1.

2、Model And Meaning



3、Performance

1、Breaking Capacity

Rated current (A)	Number of poles	Voltage (V)	Icu		Instantaneous separator current range
			Breaking current (A)	cos ϕ	
6、10、16、20 25、32、40	1P	230	4500	0.65~0.7	3In~5In (B) 5In~10In (C) 10In~20In (D)
	2, 3, 4P	400	4500		
50、63	1P	230	4500	0.75~0.8	
	2, 3, 4P	400	4500		

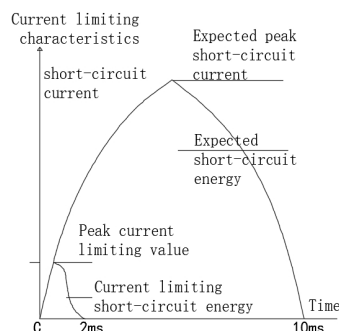
2、The protective capacity of the separator when the current exceeds

Number	Type of separator	ln(A)	1/ln	Separation time (t)	Initial state	Temperature
1	B、C、D	≤63	1.13	t≤1h Undivided	Cold state	30℃~50℃
2			1.45	t<1h separate	Hot state	
3		≤32	2.55	1s<t<60s separate	Cold state	
4		>32		1s<t<120s separate	Cold state	
5	B	All values	3	≤0.1s Undivided	Cold state	
	C		5			
	D		10			
6	B		5	<0.1s separate	Cold state	
	C		10			
	D		20			

3、Performance of limiting current

The DZ47-63 series miniature circuit breakers have high current limiting capabilities, thereby maximizing the destructive performance caused by short circuits (see current limiting characteristic diagram).

4、Appearance And Installation Dimensions



Appearance and installation dimensions

