

Mini Circuit Breaker

DZ47-63 Series

Application



DZ47-63 Series miniature circuit breaker is mainly used in AC 50Hz/60Hz, rated voltage of 230V/400V, and rated current up to 63A for overload and short circuit functions, and also for not-frequent operational transformation in the circuit under normal conditions.

This product can be applied to various places such as industrial, commercial, tall buildings and residential houses.

The product meets the standards of GB10963.1 and IEC60898-1.

Model

DZ 47 – 63 / □
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 ① ② ③ ④

①	Miniature Circuit Breaker
②	Design Number
③	Frame Class rated current
④	Number of Pole

Main Technical Parameters



Rated Current(A)	Number Of Pole(P)	Rated Voltage(V)	Breaking Capacity(IA)	Instantaneous release type	Instantaneous protective current
1, 2, 3, 4, 6, 10 16, 20, 25, 32	1	230/400	4000	B	$3I_n < I \leq 5I_n$
	2			C	$5I_n < I \leq 10I_n$
	3			D	$10I_n < I \leq 20I_n$
40, 50, 63	4		4000	B	$3I_n < I \leq 5I_n$
				C	$5I_n < I \leq 10I_n$
				D	$10I_n < I \leq 20I_n$

Release Type	Rated Current I_n (A)	Initial Status	Test Current	Conventional Time	Expected Result	Remarks
B, C, D	value	Cold Status	$1.13I_n$	$t \leq 1h$	Not Tripping	
B, C, D	value	Thermal Status	$1.45I_n$	$t < 1h$	Tripping	The Current is rising within 5s
B, C, D	≤ 32	Cold Status	$2.55I_n$	$1s < t < 60s$	Tripping	
	> 32	Cold Status	$2.55I_n$	$1s < t < 120s$	Tripping	
B C D	value	Cold Status	$3I_n$	$t \leq 0.1s$	Not Tripping	The power supply is turned on by closing the auxiliary switch
			Cold Status			
			$10I_n$			
B C D	value	Cold Status	$5I_n$	$t < 0.1s$	Tripping	The power supply is turned on by closing the auxiliary switch
			$10I_n$			
			$20I_n$			

Overall And Mounting Dimensions (mm)

