




# DZ47-63 SERIES MINIATURE CIRCUIT BREAKER

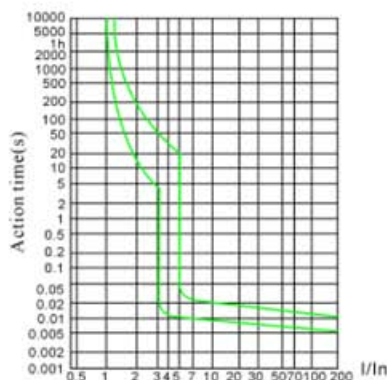
## Main technical parameter

Model	DZ47-63/1P		DZ47-63/2P		DZ47-63/3P		DZ47-63/4P		
Picture									
Rated current (A)	1,2,3,4,6,10,16,20,25,32,40,50,63		1,2,3,4,6,10,16,20,25,32,40,50,63		1,2,3,4,6,10,16,20,25,32,40,50,63		1,2,3,4,6,10,16,20,25,32,40,50,63		
Rated voltage (V)	240, 240/415V		415		415		415		
Number of poles	1P		2P		3P		4P		
Type of instantaneous release	B, C	D	B, C	D	B, C	D	B, C	D	
Rated short circuit breaking capacity (A): 1P: 240/415V 2P,3P,4P: 415V	1-40A: 6000 50-63A: 4500	4000	1-40A: 6000 50-63A: 4500	4000	1-40A: 6000 50-63A: 4500	4000	1-40A: 6000 50-63A: 4500	4000	
Lifetime (times)	Electric lifetime	≥ 4000		≥ 4000		≥ 4000		≥ 4000	
	Mechanical lifetime	≥ 20000		≥ 20000		≥ 20000		≥ 20000	

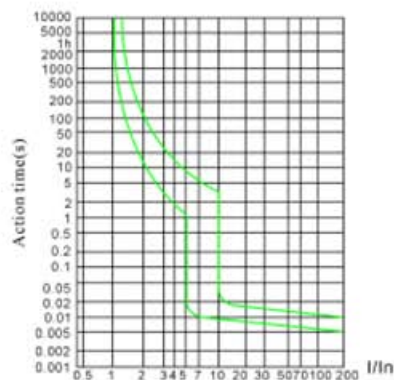
## The over-current protection property

Item No.	Rated current of release	Initial status	Test current	Expected result	Expected result	Remark
1	1-63	Cold position	1.13I <sub>n</sub>	t ≥ 1h	Non-release	-
2	1-63	Carried out immediately after previous test	1.45 I <sub>n</sub>	t < 1h	Release	Current smoothly rises to specified value within 5s
3	I <sub>n</sub> ≤ 32	Cold position	2.55 I <sub>n</sub>	1s < t < 60s	Release	-
	I <sub>n</sub> > 32	Cold position	2.55 I <sub>n</sub>	1s < t < 120s	Release	-
4	1-63	Cold position	3 I <sub>n</sub>	t ≥ 0.1s	Non-release	Type B
	1-63	Cold position	5 I <sub>n</sub>	t < 0.1s	Release	Type B
	1-63	Cold position	5 I <sub>n</sub>	t ≥ 0.1s	Non-release	Type C
	1-63	Cold position	10 I <sub>n</sub>	t < 0.1s	Release	Type C
	1-63	Cold position	10 I <sub>n</sub>	t ≥ 0.1s	Non-release	Type D
	1-63	Cold position	14 I <sub>n</sub>	t < 0.1s	Release	Type D

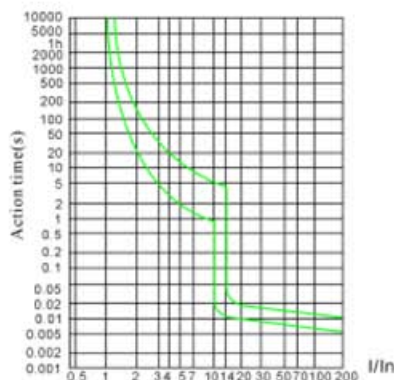
## Performance curve of release



Type B



Type C



Type D