

LLB8 Series Miniature Circuit Breaker

Application

LLB8 is mainly suitable for overload and short circuit protection. It is especially used for illumination and distribution in industry and commerce, etc. It has pleasing outlook & high breaking capacity, reliable performance, high inflammable resistance and shock resistance for long service life. It is within the circuit of AC 50/60Hz, rated voltage of single pole up to 240V, TWO, three or four poles up to 415V. It can also be used for an unfrequent change over of the circuit and illumination under normal condition. It conforms with the standards of IEC60898.

Main technical parameter

Type		LLB8	
Pole		1P	2P,3P,4P
Rated current (A)		1,2,3,4,6,10,16,20,25,32,40,50,63	
Rated voltage (V)		230	400
Type of instantaneous release		B,C,D	
Rated short circuit breaking capacity Icn (KA)		10	
Life (times)	1-32A	Electric life	8000
		Mechanical life	6000
		Operation frequency	240 times per hour
	40-63A	Electric life	8000
		Mechanical life	6000
		Operation frequency	120 times per hour

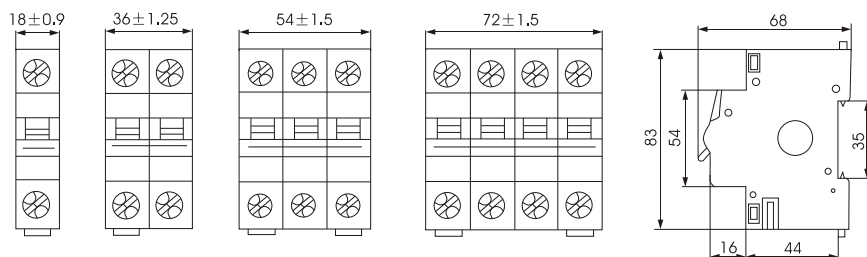
Applicable conducting wire

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 Temperature	Initial Status	Test Current	Expected Result	Expected Result	Note
30±2℃	Cold position	1.13In	t≥1h	Non-release	-
	Carried out immediately after previous test	1.45In	t<1h	Release	-
	Cold position	2.55In	1s<t<60s (In≤32A)	Release	Current smoothly rises to specified value with 5s
	Cold position	2.55In	1s<t<120s (In>32A)	Release	
-5℃~+40℃	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



LLB8 1P



LLB8 2P



LLB8 3P



LLB8 4P