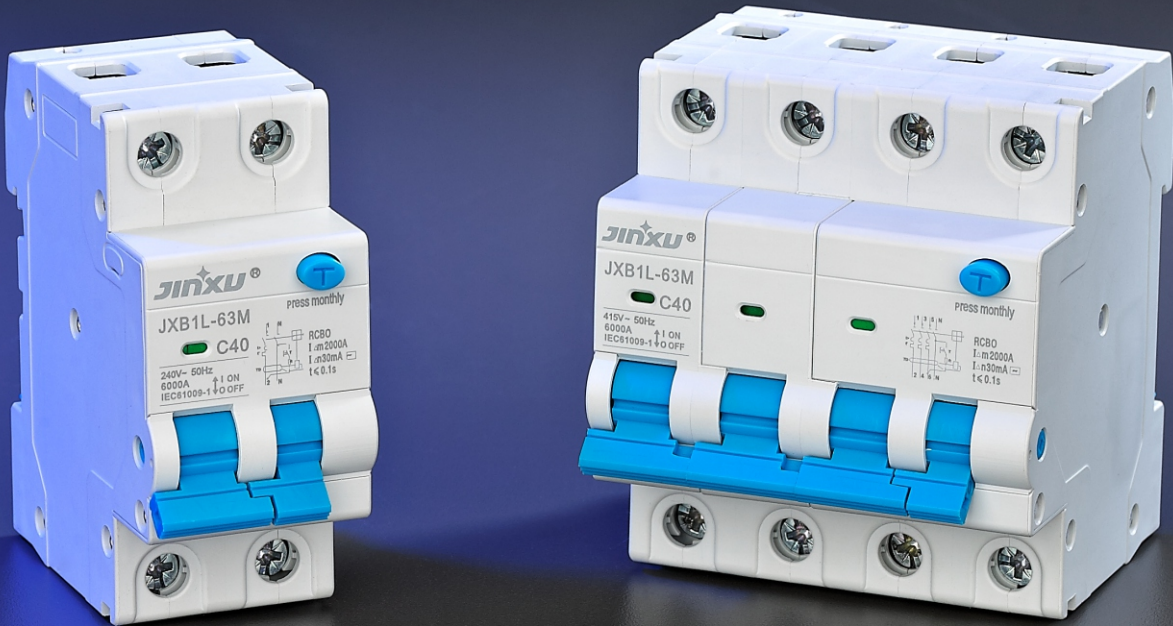


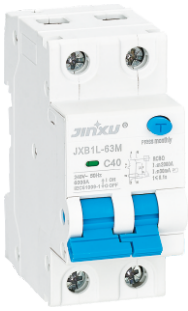


# JXB1L-63M Series

Residual Current Circuit Breaker  
With Over Current Protection



# JXB1L-63M Series(magnetic type)



1P+N



3P+N

## Main Technical Parameter

- Main technical parameter (see table 1)
- Time-current character (see table 2)
- Residual current protection character
  - Rated residual operating current  $I_{\Delta n}$ :30mA,50mA,100mA, 300mA
  - Rated residual non-operating current  $I_{\Delta no}$ :15mA,25mA, 50mA,150mA
  - Rated residual making and breaking capability  $I_{\Delta m}$ :2000A
  - Residual current breaking time(see table 3)
- Mechanical/ Electric lifetime (times)
  - Electric lifetime:2000; ○ Mechanical life:4000
- Nominal cross-section of wire (see table 4)
- Standard:IEC 61009-1

Table 1

Frame rated current $I_{nm}$ A	Rated current $I_n$ A	Rated voltage V	Breaking capacity of rated short-circuit		Instantaneous release type
			$I_{cs}(A)$	$COS\phi$	
63	6,10,16,20,25, 32,40,50,63	230	6000	0.65-0.70	C

Table 2

Ambient temperature	Initial status	Test current	Test time	Expected result	Note
$30\pm 2^{\circ}C$	Cold position	$1.13I_n$	$t \geq 1h$	Non-release	-
	Carried out immediately after previous test	$1.45I_n$	$t < 1h$	Release	-
	Cold position	$2.55I_n$	$1s < t < 60s$ ( $I_n \leq 32A$ )	Release	Current smoothly rises to specified value within 5s
	Cold position	$2.55I_n$	$1s < t < 120s$ ( $I_n > 32A$ )	Release	
$-5\sim +40^{\circ}C$	Cold position	$3I_n$	$t \leq 0.1s$	Non-release	Type B
	Cold position	$5I_n$	$t < 0.1s$	Release	Type B
	Cold position	$5I_n$	$t \geq 0.1s$	Non-release	Type C
	Cold position	$10I_n$	$t < 0.1s$	Release	Type C
	Cold position	$10I_n$	$t \geq 0.1s$	Non-release	Type D
	Cold position	$20I_n$	$t < 0.1s$	Release	Type D

Table 3

$I_n(A)$	$I_{\Delta n}(A)$	The breaking time(s) when residual current is at the following corresponding value		
		$I_{\Delta n}$	$2I_{\Delta n}$	$5I_{\Delta n}$
6-63	0.03	0.3	0.15	0.04

Table 4

Rated current $I_n(A)$	$I_n \leq 6$	$6 < I_n \leq 6$	$13 < I_n \leq 20$	$20 < I_n \leq 25$	$25 < I_n \leq 32$	$32 < I_n \leq 50$	$I_n=63$
Nominal cross-section of wire( $mm^2$ )	1	1.5	2.5	4	6	10	16

## Outline & Installation Dimension

