ROGY

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JVM8-63 Miniature Circuit Breaker

Standard:IEC60898、GB10963.1 Ⓢ CB CE RoHS

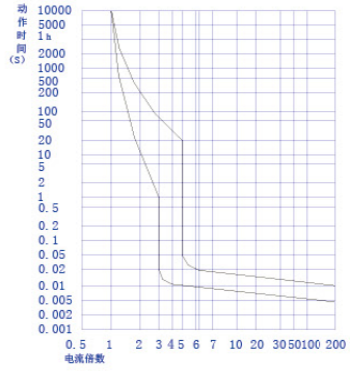
Construction and Feature

- Fine and unique appearance,advanced design
- Short-circuit and overload dual-protection performance
- High-breaking capacity（6KA）that is leading among the world similar products
- Unique labels,Contact position indication window
- Convenient and reliable installation

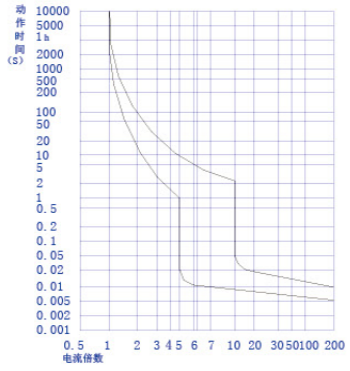
Technical Data

- Model: JVM8-63
- Pole No.: 1P、2P、3P、4P
- Rated current(A): 6、10、16、20、25、32、40、50、63
- Rated working voltage: 240/415V
- Rated Frequency: 50/60Hz
- Rated insulation voltage: 500V
- Rated short-circuit capacity:6000A
- Instantaneous tripping current:5In(B type)10In(C type)20In(D type)
- Instantaneous non-tripping current:3In(B type)5In(C type)10In(D type)
- Mechanical life: 15000 times
- Degree of protection: IP20
- Wiring connection mode: upward line
- Connection conductor:1~16mm²
- Wiring Height:21.5mm

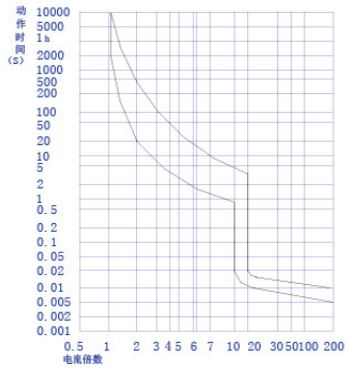
Characteristic Curve



B Curve



C Curve

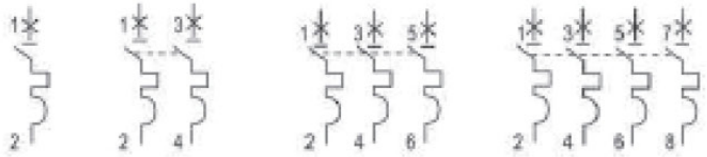


D Curve

Instantaneous tripping type and tripping current range

Instantaneous tripping type	tripping current range
B	3In<I≤5In
C	5In<I≤10In
D	10In<I≤20In

Wiring Diagram



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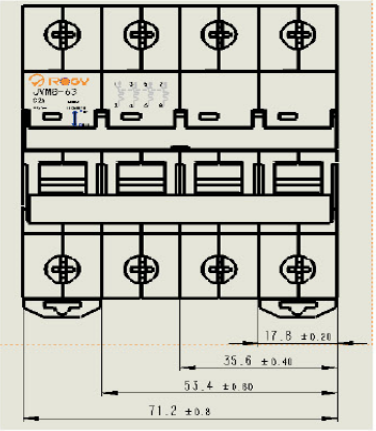
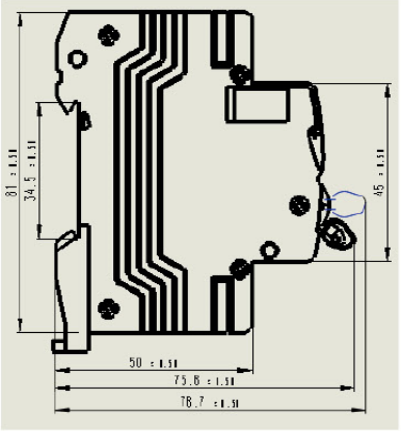
The basic parameters

Rated current of shell bracket rating Inm(A)	Pole	Frequency(Hz)	Rated voltage Ue(V)	Rated current In(A)	Working short-circuit Capacity Ics（A）	Rated short-circuit capacity Icn（A）
63	1	50/60	240/415	6 10 16 20 25 32 40 50 63	6000 COSφ＝0.65～0.70	6000 COSφ＝0.65～0.70
	2					
	3		415			
	4					

Power Conumption

Rated current range In(A)	Max conumption/pole(W)
In≤10	3
10＜In≤16	3.5
16＜In≤25	4.5
25＜In≤32	6
32＜In≤40	7.5
40＜In≤50	9
50＜In≤63	13

Tripping Characteristics

Test Procedure	Type	Test Current	Initial State	Tripping or non-tripping Time Limit	Expected Result	Remark
a	B,C,D	1.13In	cold	t≤1h	no tripping	
b	B,C,D	1.45In	After test a	t＜1h	tripping	Current in the 5s in the increase of stability
c	B,C,D	2.55In	cold	1s＜t＜60s(In≤32A) 1s＜t＜120s(In＞32A)	tripping	
d	B C D	3In 5In 10In	cold	t≤0.1s	no tripping	Turn on the auxiliary switch to close the current
e	B C D	5In 10In 20In	cold	t＜0.1s	tripping	Turn on the auxiliary switch to close the current

Overall &installation Dimensions