

**YCB6H-63**  
Miniature Circuit Breaker

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**General**

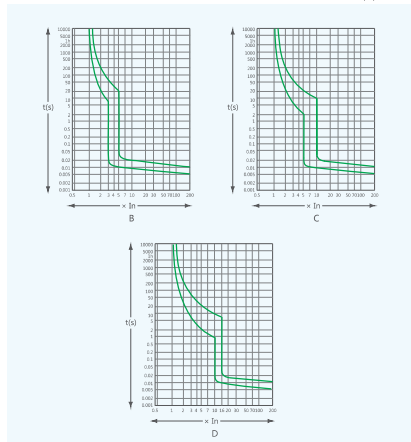
1. Overload protection
2. Short circuit protection
3. Controlling
4. Used in residential building, non-residential building, energy source industry and infrastructure.
5. According to the type of instantaneous release classified as follows: type B(3-5)In, type C(5-10)In, type D(10-16)In

**Release**

Type	Test current	Tripping time	Type	Test current	Tripping time
B,C,D	1.13In	ts<1h(In≤63A)	B	3In	ts<0.1s
	1.13In	ts<2h(In>63A)	C	5In	ts<0.1s
B,C,D	1.45In	t<1h(In≤63A)	D	10In	ts<0.1s
	1.45In	t<2h(In>63A)	B	5In	t<0.1s
B,C,D	2.55In	1s<t<60s(In≤32A)	C	10In	t<0.1s
	2.55In	1s<t<120s(In>32A)	D	16In	t<0.1s

**Curve**

B,C,D Curve



**Specifications**

Type	Standard	IEC/EN 60898-1	
Electrical features	Rated current In	A	1, 2, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63
	Poles	P	1, 2, 3, 4
	Rated voltage Ue	V	240/415
	Insulation voltage Ui	V	500
	Rated frequency	Hz	50/60
	Rated breaking capacity	A	4500, 6000
	Rated impulse withstand voltage(1.2/50)Uimp	V	4000
	Dielectric test voltage at ind. Freq. for 1min	kV	2
	Pollution degree		2
	Thermo-magnetic release characteristic		B, C, D
Mechanical features	Electrical life	t	6000
	Mechanical life	t	20000
	Protection degree		IP20
	Reference temperature for setting of thermal element	°C	30
Installation	Ambient temperature (with daily average≤35°C)	°C	-5~+40
	Storage temperature	°C	-25~+70
	Terminal connection type		Cable/Pin-type busbar
Terminal connection type	Terminal size top / bottom for cable	mm²	25
		AWG	18-3
	Terminal size top / bottom for busbar	mm²	25
		AWG	18-3
	Tightening torque	N*m	2
		In-lbs	18
Mounting			On DIN rail EN 60715(35mm)by means of fast clip device
Connection			From top and bottom

**Overall and mounting dimensions(mm)**

