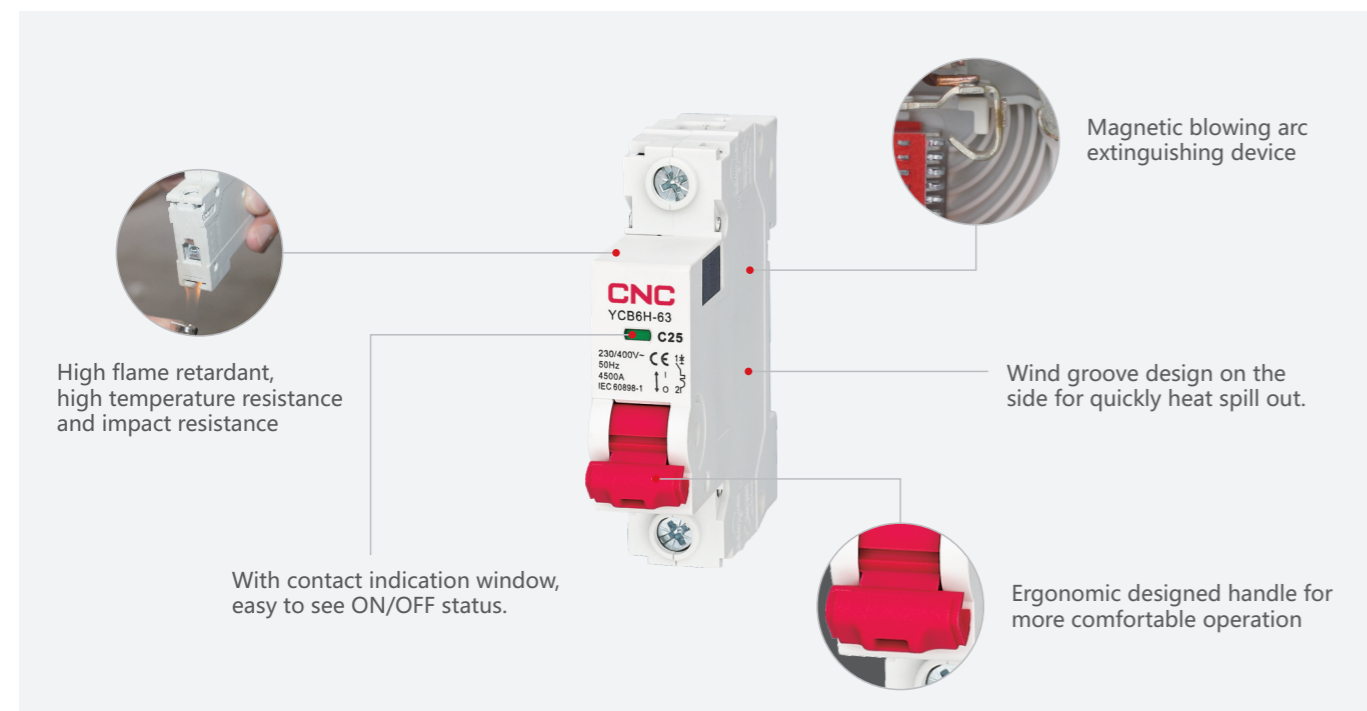


Modular DIN Rail YCB6H-63 MCB



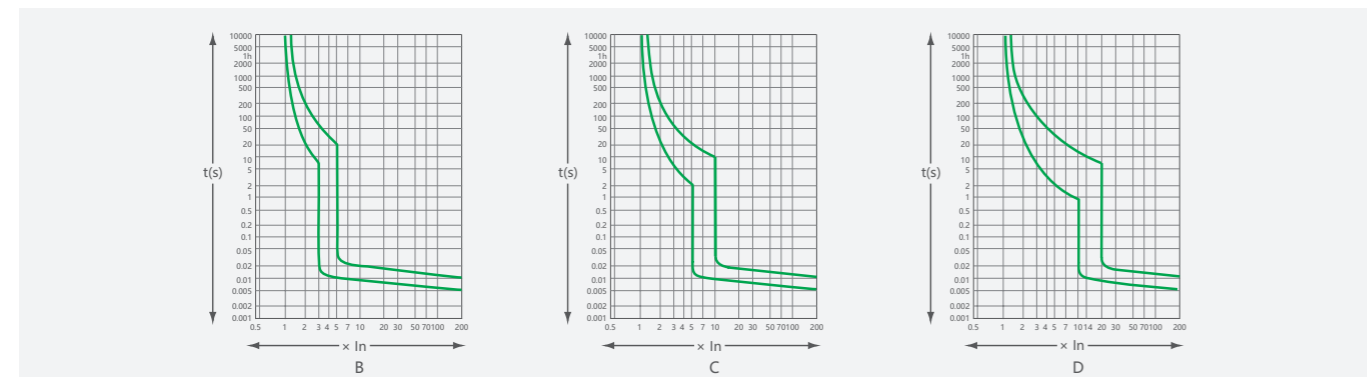
General

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)I_n, type C(5-10)I_n, type D(10-20)I_n

Release

Type	Test current	Tripping time	Expected result	Type	Test current	Tripping time	Expected result
B,C,D	1.13I _n	t ≤ 1h (I _n ≤ 63A)	Not tripping	B	3I _n	t ≤ 0.1s	Not tripping
	1.13I _n	t ≤ 2h (I _n > 63A)		C	5I _n	t ≤ 0.1s	
B,C,D	1.45I _n	t < 1h (I _n ≤ 63A)	Tripping	D	10I _n	t ≤ 0.1s	Tripping
	1.45I _n	t < 2h (I _n > 63A)		B	5I _n	t < 0.1s	
B,C,D	2.55I _n	1s < t < 60s (I _n ≤ 32A)	Tripping	C	10I _n	t < 0.1s	Tripping
	2.55I _n	1s < t < 120s (I _n > 32A)		D	20I _n	t < 0.1s	

Curve



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Specifications

Type	Standard		IEC/EN 60898-1	
Electrical features	Rated current I _n	A	1, 2, 3, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63	
	Poles	P	1, 2, 3, 4	
	Rated voltage U _e	V	230/400	
	Insulation voltage U _i	V	500	
	Rated frequency	Hz	50/60	
	Rated breaking capacity	A	4500	
	Rated impulse withstand voltage(1.2/50)U _{imp}	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	
	Ambient temperature (with daily average ≤ 35°C)	°C	-5 ~ +40	
Storage temperature	°C	-25 ~ +70		
Installation	Terminal connection type		Cable/Pin-type busbar	
	Terminal size top / bottom for cable	mm ²	25	
		AWG	18-3	
	Terminal size top / bottom for busbar	mm ²	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)

