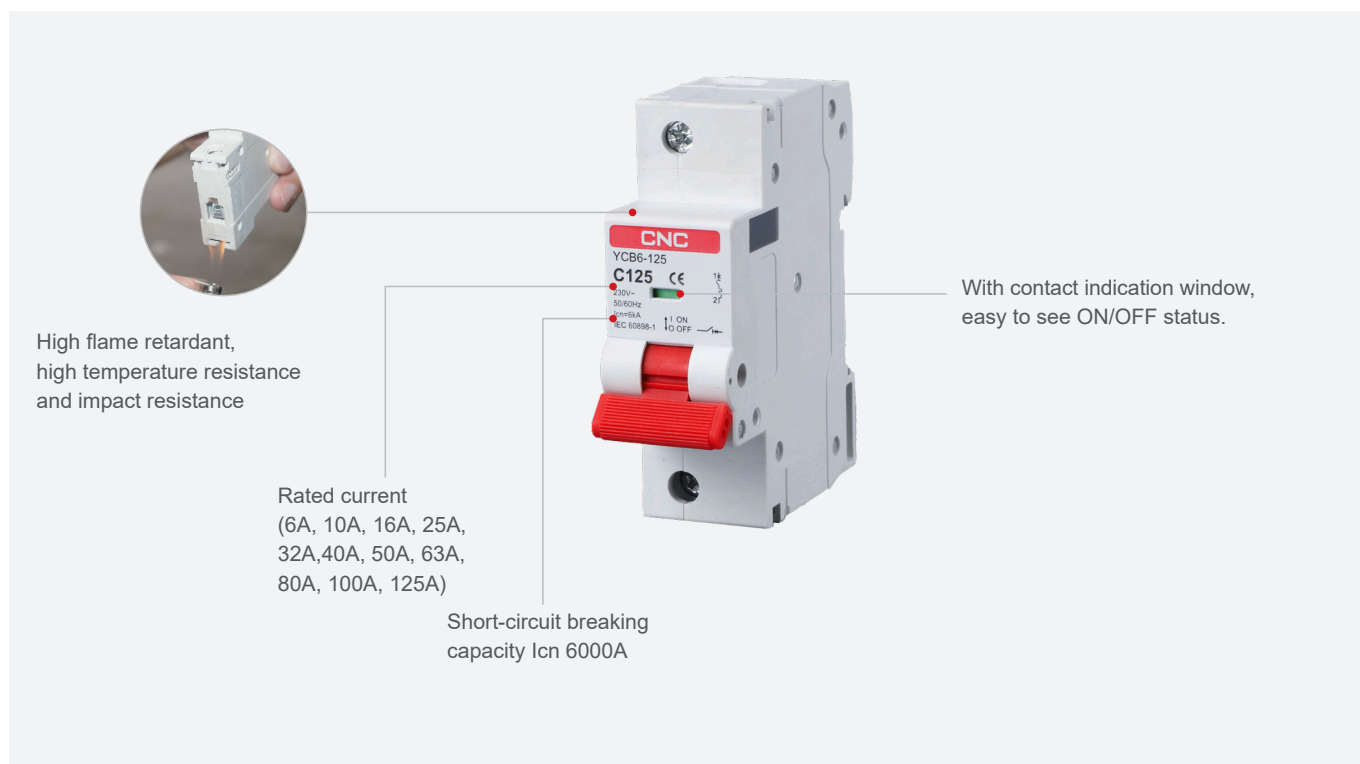


Modular DIN Rail

YCB6-125 MCB



General

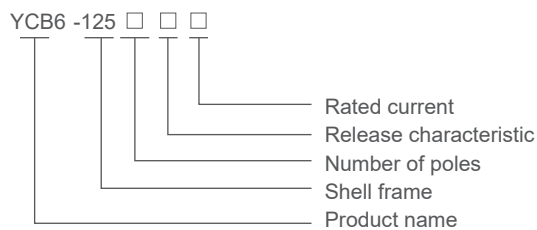
YCB6-125 miniature circuit breaker(circuitbreaker)is applicable to the circuit with AC50Hz/60Hz, rated voltage of no more than 400V, and rated current from 6A to 125A for overload protection and short circuit protection. This product can be applied to various places such as industrial, commercial, tall buildings,and residential houses.

Standard: IEC 60947-2, IEC 60898-1.

Features

1. Overload protection
2. Short circuit protection
3. Controlling
4. Used in residential building, non-residential building, energy source industry and infrastructure.

Type designation



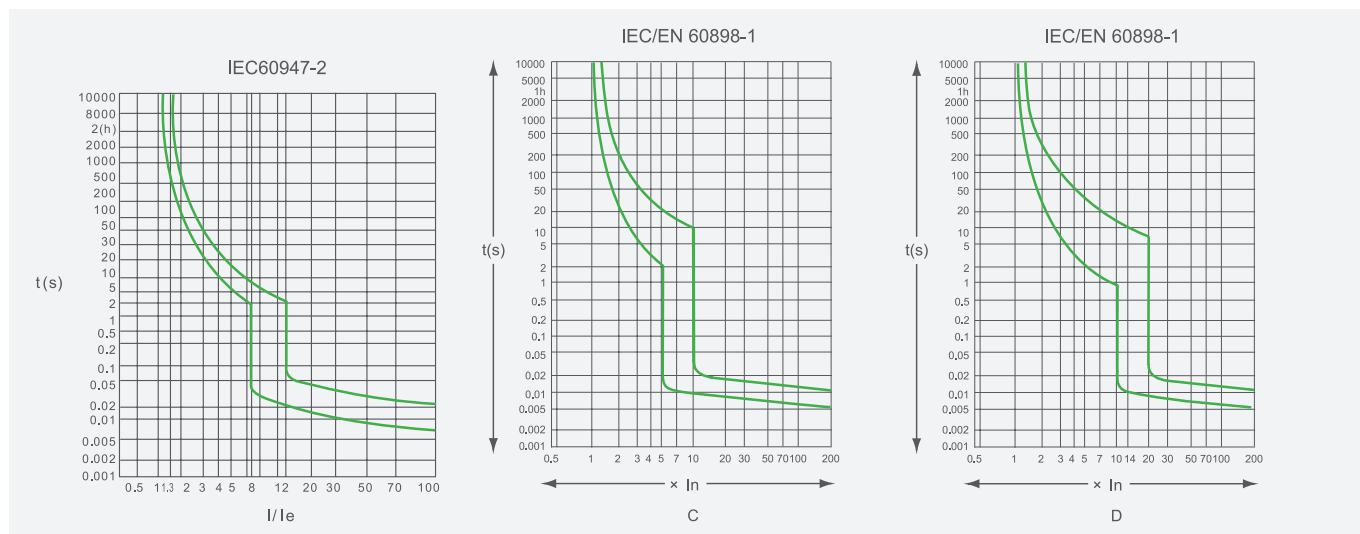
Modular DIN Rail

YCB6-125 MCB

Specifications

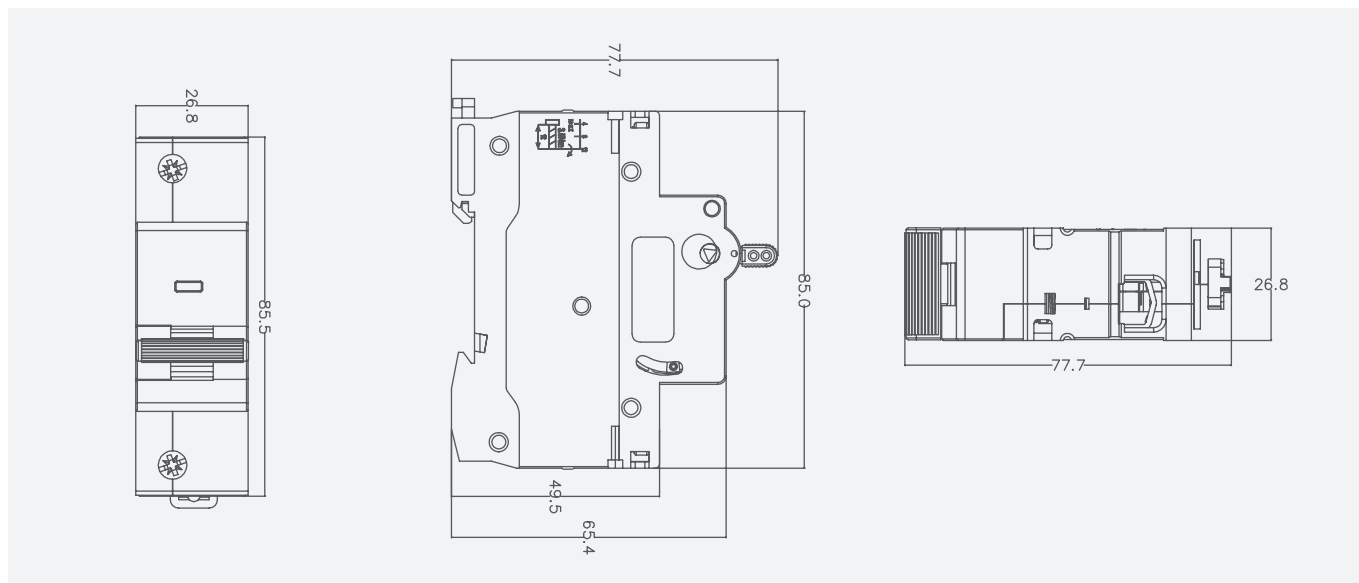
Type	Standard		IEC/EN 60947-2	IEC/EN 60898-1
Electrical features	Rated current I_n	A	6, 10, 16, 25, 32, 40, 50, 63, 80, 100, 125	
	Poles	P	1, 2, 3, 4	
	Rated voltage U_e	V	230/400	
	Insulation voltage U_i	V	500	
	Rated frequency	Hz	50/60	
	Rated breaking capacity	A	6000	
	Rated impulse withstand voltage(1.2/50) U_{imp}	V	6000	
	Dielectric test voltage at ind. Freq. for 1min	kV	2.5	
	Pollution degree		3	
	Thermo-magnetic release characteristic		8-12 I_n	B, C, D
Mechanical features	Electrical life	t	4000	
	Mechanical life	t	10000	
	Contact position indicator		Yes	
	Protection degree		IP20	
	Reference temperature for setting of thermal element		30	
	Ambient temperature (with daily average $\leq 35^\circ\text{C}$)	$^\circ\text{C}$	-5~+40(Special application please refer to temperature compensation correction)	
	Storage temperature	$^\circ\text{C}$	-25~+70	
Installation	Terminal connection type		Cable/Pin-type busbar	
	Terminal size top / bottom for cable	mm^2	50	
		AWG	18-1/0	
	Terminal size top / bottom for busbar	mm^2	50	
		AWG	18-1/0	
	Tightening torque	N*m	3.5	
		In-lbs	31	
	Mounting		On DIN rail EN60715(35mm)by means of fast clip device	
Connection		From top and bottom		

Release Curve diagram



Modular DIN Rail YCB6-125 MCB

Overall and mounting dimensions(mm)



Ordering instruction

1. When ordering, the customer shall indicate the product type, tripping curve, rated current, number of poles, accessories and quantity of the circuit breaker. For example: YCB6-125 3P C 125A 1000pcs.
2. Customers can negotiate separately if you have special requirements .