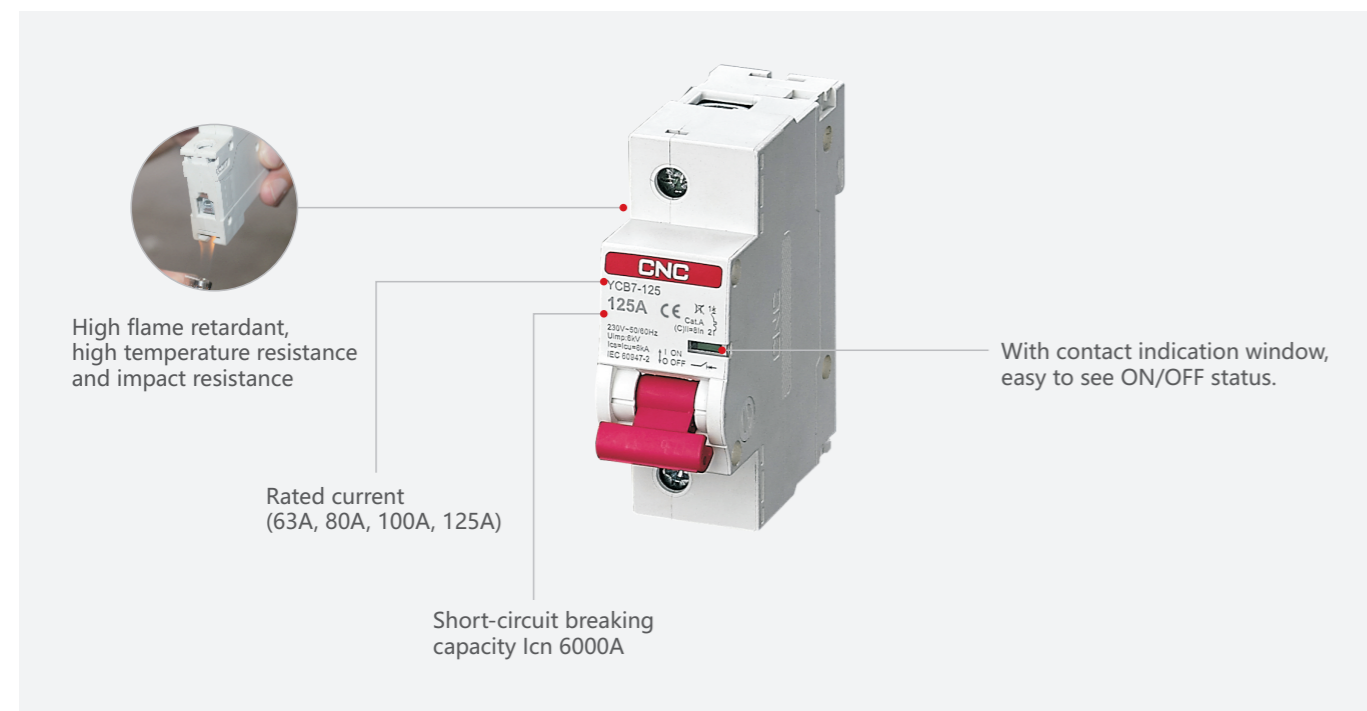


**Modular DIN Rail**  
**YCB7-125N MCB**



**General**

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

**Release**

Type	Test current	Tripping time	Expected result
C,D	1.05In	$t \leq 1h (I_n \leq 63A), t \leq 2h (I_n \leq 63A)$	Not tripping
C,D	1.3In	$t \leq 1h (I_n \leq 63A), t \leq 2h (I_n \leq 63A)$	Tripping
C,D	2.55In	$1s < t < 60s$	Tripping
C	8In×80%	$t \leq 0.2s$	Not tripping
D	12In×80%	$t \leq 0.2s$	Not tripping
C	8In×120%	$t < 0.2s$	Tripping
D	12In×120%	$t < 0.2s$	Tripping

**Modular DIN Rail**  
**YCB7-125N MCB**

**Specifications**

Type	Standard		IEC/EN 60947-2
Electrical features	Rated current In	A	63, 80, 100, 125
	Poles	P	1, 2, 3, 4
	Rated voltage Ue	V	230/400
	Insulation voltage Ui	V	500
	Rated frequency	Hz	50/60
	Rated breaking capacity	A	6000
	Rated impulse withstand voltage(1.2/50) Uimp	V	6000
	Dielectric test voltage at ind. Freq. for 1min	kV	2.5
	Pollution degree		3
	Thermo-magnetic release characteristic		(C)Ii=8In,(D)Ii=12In
Mechanical features	Electrical life	t	1500
	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	$^\circ\text{C}$	Cable/Pin-type busbar
	Terminal size top / bottom for cable	mm <sup>2</sup>	50
		AWG	18-1/0
	Terminal size top / bottom for busbar	mm <sup>2</sup>	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	

**Overall and mounting dimensions(mm)**

