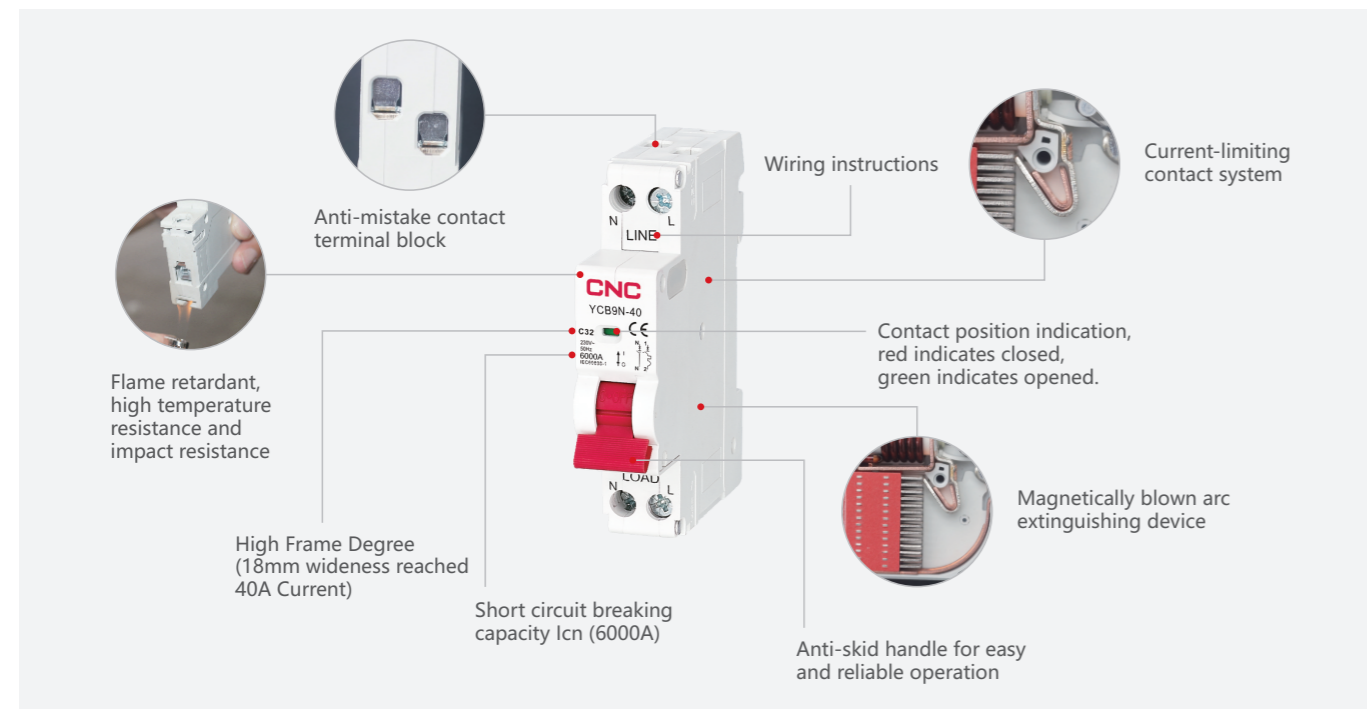


Modular DIN Rail YCB9N-40 MCB DPN



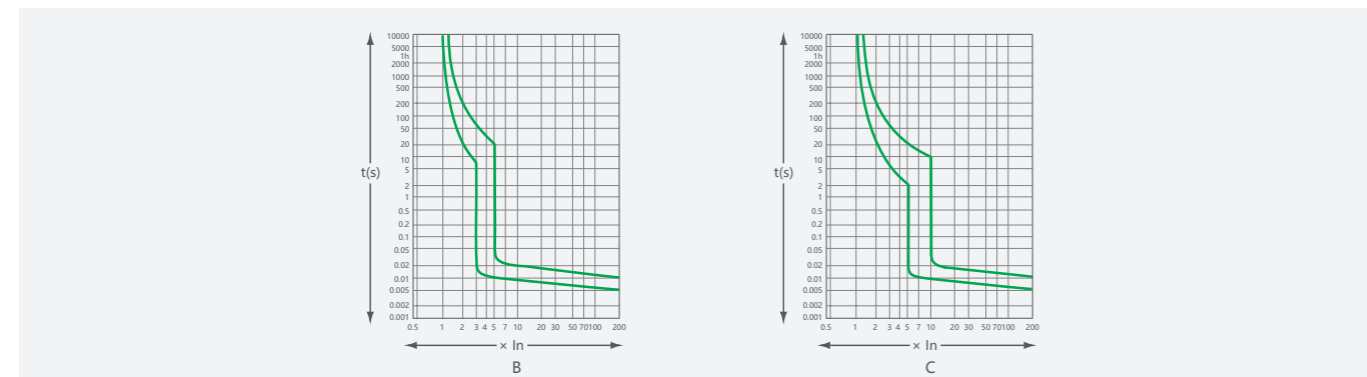
General

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

Release

Type	Test current	Tripping time	Expected result	Type	Test current	Tripping time	Expected result
B,C	1.13 I_n	$t \leq 1h(I_n \leq 63A)$	Not tripping	B	3 I_n	$t \leq 0.1s$	Not tripping
	1.13 I_n	$t \leq 2h(I_n > 63A)$					
B,C	1.45 I_n	$t < 1h(I_n \leq 63A)$	Tripping	C	5 I_n	$t \leq 0.1s$	Tripping
	1.45 I_n	$t < 2h(I_n > 63A)$					
B,C	2.55 I_n	$1s < t < 60s(I_n \leq 32A)$	Tripping	B	5 I_n	$t < 0.1s$	Tripping
	2.55 I_n	$1s < t < 120s(I_n > 32A)$					
				C	10 I_n	$t < 0.1s$	

Curve



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Specifications

Type	Standard		IEC/EN 60898-1
Electrical features	Rated current I_n	A	6, 10, 16, 20, 25, 32, 40
	Poles	P	1P+N
	Rated voltage U_e	V	230
	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	4000
	Dielectric test voltage at ind. Freq. for 1min	kV	2
	Pollution degree		2
	Thermal-magnetic release characteristic		B, C, D
Mechanical features	Electrical life	t	8000
	Mechanical life	t	20000
	Protection degree		IP20
	Reference temperature for setting of thermal element	°C	30
	Ambient temperature (with daily average $\leq 35^\circ C$)	°C	-5~+40
	Storage temperature	°C	-25~+70
Installation	Terminal connection type		Cable/Pin-type busbar
	Terminal size top / bottom for cable	mm ²	16
		AWG	18-5
	Terminal size top / bottom for busbar	mm ²	10
		AWG	18-5
	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)

