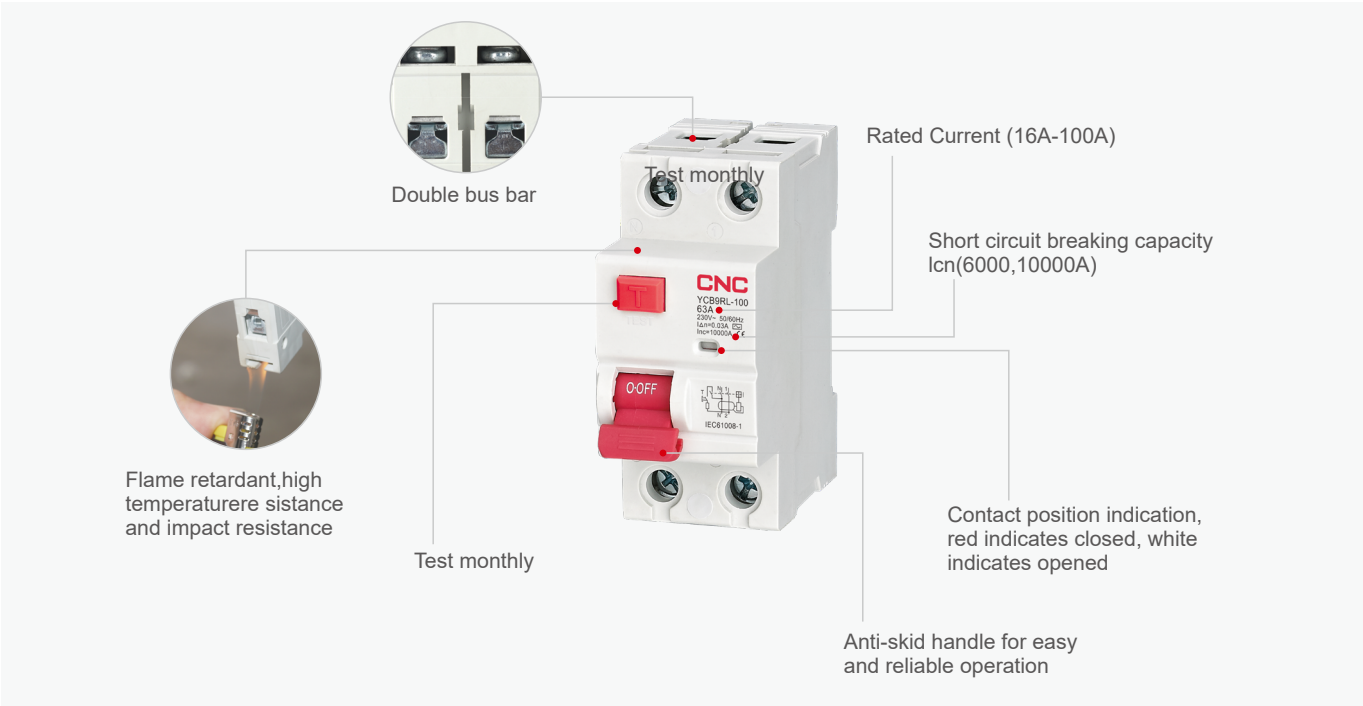


Modular DIN Rail

YCB9RL-100 RCCB Electromagnetic



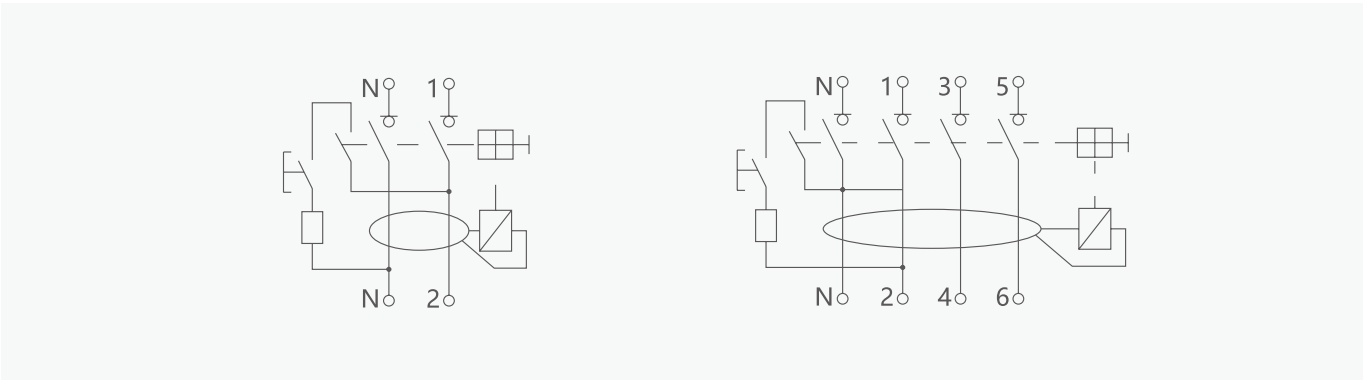
General

- 1. Protection against the effects of sinusoidal alternating earth fault currents
- 2. Protection against indirect contacts and additional protection against direct contacts
- 3. Protection against fire hazard caused by insulation faults
- 4. Controlling and Switching
- 5. Used in residential building, non-residential building, energy sources, industry and infrastructure

Selection

Type		Tripping sensitivity data	
AC	For residual sinusoidal alternating currents	30mA, 10mA	For personnel, material and fire protection, as well as for protection against direct contact
A	For residual sinusoidal alternating currents and residual pulsating direct currents	100mA	For providing protection against indirect contacts
S	For selectivity, with time delay	300mA	For providing fire protection in case of insulation faults

Wiring Diagram



Modular DIN Rail

YCB9RL-100 RCCB Electromagnetic

Technical data

Type	Standard		IEC/EN 61008-1
Electrical features	Leakage type		Electromagnetic type
	Rated current In	A	16, 25, 32, 40, 50, 63, 80, 100
	Type (wave form of the earth leakage sensed)		A, AC,AS
	Poles		2, 4
	Rated voltage Ue	P	230/400
	Insulation voltage Ui	V	500
	Rated frequency	V	50/60
	Rated breaking capacity Inc=IΔc	Hz	6000, 10000
	Rated impulse withstand voltage (1.2/50) Uimp	A	6000
	Dielectric test voltage at ind. Freq. for 1min	V	2.5
	Rated sensitivity IΔn	kV	0.01,0.03, 0.1, 0.3
	Rated residual making and breaking capacity IΔm	A	500(In≤40A); 630(In=50A/63A);1000(In=80A/100A)
	Pollution degree		2
	Electrical life	t	4000
Mechanical features	Mechanical life	t	8000
	Protection degree		IP20
	Storage temperature	°C	-25~+70
Installation	Ambient temperature (with daily average≤35°C)	°C	-5~+40
	Terminal connection type		Cable/Pin-type busbar/U-type busbar
	Terminal size top / bottom for cable	mm²	25/35
		AWG	18-3/18-2
	Terminal size top / bottom for busbar	mm²	10/16
		AWG	18-8/18-5
	Tightening torque	N*m	2.5
		In-lbs	22
	Mounting		On DIN rail EN 60715(35mm)by means of fast clip device
	Connection		From top and bottom

Overall and mounting dimensions (mm)

