

## YCB9RL-63B RCCB Type B

### General

YCB9RL-63-B is a complete upgrade residual circuit breaker of the existing A type residual circuit signal detection, it can not only have an effective protection to the AC (AC type) and pulsating DC (A type) and may produce compound residual current (F type), but also have an effective protection to smooth DC and high frequency residual current (1kHz). In the circuit composed of rectifier, inverter, frequency converter, etc., the Leakage current generated by DC loop can be effectively detected and protected.

The products are widely used in industry, medical treatment, charging pile, elevator and other fields.

The residual current type: AC+A+ Smooth DC +F+ High frequency signal (1kHz)

Standard:

IEC/EN61008-1

IEC/EN62423



### Technical data

Item	Parameter	Data
Electrical features	Rated voltage Ue (V)	240V~1P+N,415V~3P+N
	Rated current In (A)	16A,25A,32A,40A,63A
	Rated sensitivity IΔn (A)	0.03A,0.1A,0.3A
	Poles	1P+N,3P+N
	Wave form of the earth leakage sensed	B(AC+A+ Smooth DC +F+ High frequency signal (1kHz))
	Rated short circuit capacity Icn (A)	6 000
	Rated making and breaking capacity Im(A)	1000
	Rated residual making and breaking capacity IΔm (A)	1000
	Rated insulation voltage Ui (V)	500V
	Rated impulse withstand voltage Uimp (V)	4000V
Mechanical features	Pollution degree	2
	Electrical life	1000
	Mechanical life	20000
	Protection degree	IP20
	Ambient temperature (°C)	-25~+40
	Storage temperature (°C)	-25~+70
Installation	Tightening torque (N.m)	3
	Terminal size for cable (mm <sup>2</sup> )	16
	Installation category	II

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### Overall and mounting dimensions(mm)

