



General

YCB7LE-63Y series integrated residual current operated circuit breaker is mainly used in AC 50/60Hz rated voltage 230V rated current up to 63A lines, as a load line for leakage (electric shock), overload and short circuit protection. It can also be used for infrequent connection, disconnection, and switching.

Standard:IEC/EN 61009-1

Feature

- High breaking capacity
- Strong applicability of attachments
- Small volume
- Anti slip design
- Stable and reliable

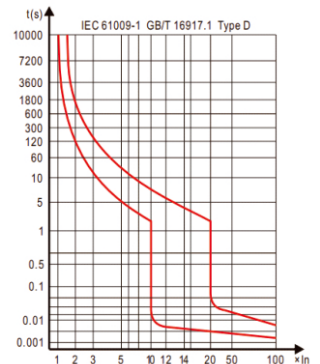
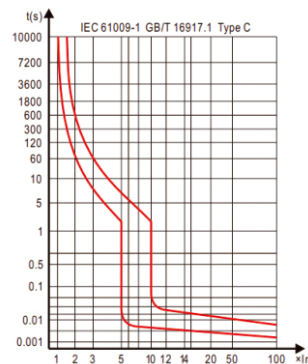
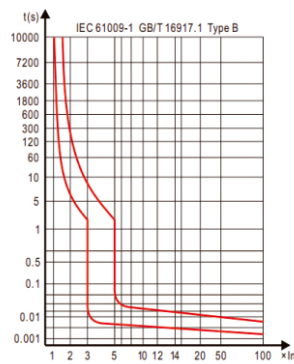
Selection

YCB7LE	-	63	Y	1P+N	C	63	100mA	A Type
Model		Shell grade current	Category	Pole	Tripping characteristics	Rated current	Rated residual operating	Type
Residual Current Operated Circuit Breaker	-	63	Integrated	1P+N	B C D	6 32 10 40 16 50 20 63 25	Default:30mA 100mA 300mA	Default:AC Type A Type

Product Accessories

There are six different accessories in the circuit breaker, including OF auxiliary contact, MX+OF shunt release, SD alarm contact, MV overvoltage release, MN undervoltage release, and MVMN overvoltage and undervoltage release. All accessories are installed on the left side of the product.

Curve





Technical data

Model	YCB7LE-63Y		
Electrical features	Poles	P	1P+N
	Type(wave form of the earth leakage sensed)		AC、A
	Thermomagnetic release characteristic		B, C, D
	Rated current I _n	A	6, 10, 16, 20, 25, 32, 40, 50, 63
	Rated voltage U _e	V	230
	Rated sensitivity IΔn	A	0.03, 0.1,0.3
	Rated residual making and breaking capacity IΔm	A	630
	Rated short-circuit capacity I _{cn}	A	6000
	Break time under IΔn	s	≤0.1
	Rated frequency	Hz	50/60
	Rated impulse withstand voltage(1.2/50)U _{imp}	V	4000
	Dielectric test voltage at ind.Freq.for 1min	Kv	2
	Insulation voltage U _i	V	500
	Pollution degree		2
Mechanical features	Electrical life	t	10000
	Mechanical life	t	20000
	Contact position indicator		Yes
	Protection degree	t	IP20
	Ambient temperature(with daily average≤35°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	25
		AWG	18-3
	Terminal size top/bottom for busbar	mm ²	25
		AWG	18-3
	Tightening torque	N*m	2
		In -lbs	18
	Mounting		On DIN rail EN60715(35mm)by means of fast clip device
Connection		From top	

Overall and mounting dimensions(mm)

