

## RDB5LE-63YS Integrated Residual Current Circuit Breaker

### Introduction

RDB5LE-63YS series integrated type Prepaid Residual Current Circuit Breaker(RCCB) is mainly applied to circuit of AC50/60Hz, Rated voltage 230V, Rated current up to 63A, as leakage(electrical shock), Overload, short-circuit protector, and also works for circuit making, breaking and transferring. This product has advantages of high breaking capacity, universal accessory, small volume and low weight. And this product is used for Meter Box to remote control the switch or auto signal control the switch. Generally it is used to working with IC card prepaid meter to control the circuit break.

Standard: IEC61008.1 GB10963.1

### Type selection

RDB5LE	63	Y	S	/	30mA	C	63	SHT
Model No.	Frame size	Code	Code		Rated residual operate current	Tripping Type	Rated current	Electrical accessory
Residual current operate circuit breaker	63	Integrate type RCCB	Shunt delay release		15mA 30mA 50mA 100mA 150mA	B C D	6A 10A 16A 20A 25A 32A 40A 50A 63A	OF: Auxiliary contact SD: Alarm contact MX: Shunt release Q: Under-voltage release G: Over-voltage release GQ: Under- & Over- release

### Main technical parameter

Frame size rated current In(A)		63
Rated current In(A)	6, 10, 16, 20, 25, 32, 40, 50, 63	
Function	short-circuit protect,overload protect, leakage protect,auto-break when no electrical power	
Pole	1P+N	
Rated frequency(Hz)	50	
Rated insulation voltage Ui(V)	400	
Rated impulse withstand voltage Uimp(V)	4000	
Rated operated voltage UeV)	230/400	
Rated residual operate current (mA)	15mA、30mA、50mA、100mA、150mA	
Short-circuit breaking capacity Ics(kA)	10000	
Instantaneous trip characteristic	B、C、D	
Shunt release time(s)	1s<t<2s, 2s<t<4s	
Mechanical life	20000	
Electrical life	10000	
Ingress Protection	IP20	
Basic temperature set( ° C)	30℃	
Environmental pollution level	2	
Connect capacity(mm²)	1~16	
Operate temperature( ° C)	-35~+70	
Altitude(m)	5000	
Relative humidity	+20℃, Max 95%; +40℃, Max 50%	
Install type	II, III Level	
Install method	TH35-7.5 Mounted Rail	
Input line method	Up input	