RDB5LE-63Y Integrated Residual Current Circuit Breaker

Introduction

RDB5LE-63Y series 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 RCCB is generally used for Meter Box.
Standard: IEC61008.1 GB10963.1

Type selection

RDB5LE	—	63	Y	/	30mA	C	63	SHT
Model No.		Frame size	Code		Rated residual operate current	Tripping Type	Rated current	Electrical accessory
Residual current operate circuit breaker		63	Integrate type RCCB		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,Insulation, leakage protect
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
Rated residual operate current (mA)	15mA、30mA、50mA、100mA、150mA
Short-circuit breaking capacity Ics(kA)	10000
Instantaneous trip characteristic	B、C、D
Mechanical life	20000
Electrical life	10000
Ingress Protection	IP20
Basic temperature set(° C)	30℃
Environmental pollution level	2
Connect capacity(mm^2)	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