

RDB67LE-63 Series (RCBO) Residual Current Circuit Breaker



Application

RDB67LE-63 residual current operated circuit breaker can be applied to the circuit of AC50/60Hz, rated voltage 230/400V, rated current up to 63A

Line protection against earthleakage, overload and short-circuits

AC or A tripping class

Electronic type RCD

Rated short-circuit breaking capacity $I_{cn}=6kA$

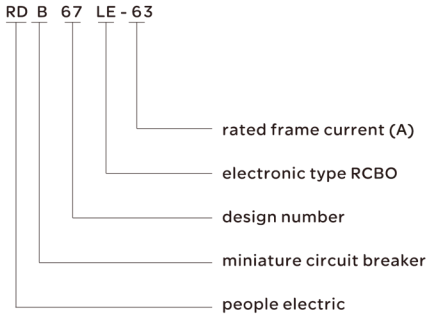
With indication window & power lamp

Sensitivity range: 30mA, 100mA, 300mA

Comply with IEC61009-1 / GB16917-1

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Model No.



Specification

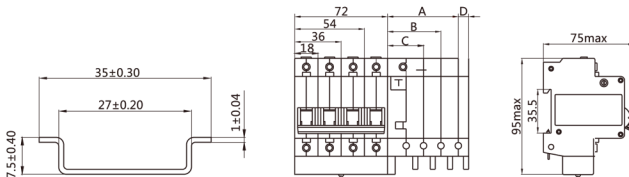
Electrical features	Thermo-magnetic release characteristic		C, D
	Rated current I_n	A	6, 10, 16, 20, 25, 32, 40, 50, 63
	Rated voltage U_e	V	230/400
	Rated sensitivity $I_{\Delta n}$	A	0.03, 0.1, 0.3
	Rated residual making and breaking capacity $I_{\Delta m}$	A	500
	Rated short-circuit capacity I_{cn}	A	6,000
	Break time under $I_{\Delta n}$	S	≤ 0.1
	Rated frequency	Hz	50/60
	Rated impulse withstand voltage U_{imp}	V	4,000
	Residual current making & breaking capacity	A	2000
	Insulation voltage U_i		500
	Pollution degree		2

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Residual Current Circuit Breaker

	Standard	IEC/EN 60947-3	
Mechanical features	Electrical life	6,000	
	Mechanical life	20,000	
	Contact position indicator	Yes	
	Protection degree	IP20	
	Ambient temperature(with daily average $\leq 35^{\circ}\text{C}$)	$^{\circ}\text{C}$	-5 ~ +40
	Storage temperature	$^{\circ}\text{C}$	-25 ~ +70
Installation	Terminal connection type	Cable/U-type busbar/Pin-type busbar	
	Terminal size top for cable	mm^2	25
	Terminal size top for busbar	mm^2	25
	Tightening torque	$\text{N}\cdot\text{m}$	2
		$\text{In}\cdot\text{lbs}$	18
	Mounting	On DIN rail EN 60715 (35mm) by means of fast clip device	
Connection	From top		

Overall and Mounting Dimensions (mm)



	A	C	1P+N	2P	3P	3P+N	4P
RDB67LE-63	36	54	18+36	36+36	54+50	54+54	72+54