

## RDB5LE-63(RCBO)

### Residual Current Circuit Breaker



### Application

The RDB5LE-63 RCBO is designed to ensure the protection of low-voltage electrical applications up to 63A rated voltage 230/400V, AC 50/60Hz

Line protection against earthleakage, overload and short-circuits

Electronic type RCD

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

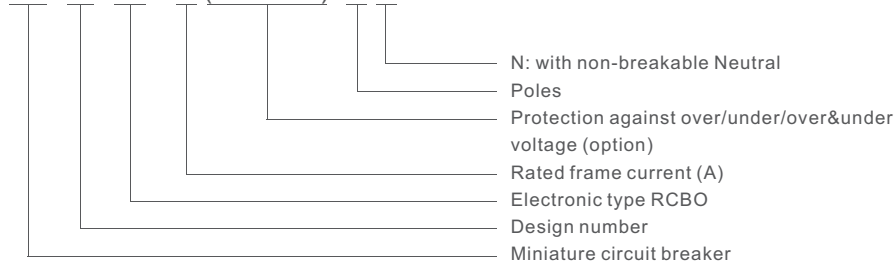
With indication window

Sensitivity range: 30mA, 100mA, 300mA

Comply with IEC61009/GB16917.1

### Model No.

RD B5 LE - 63(G/Q/GQ)/□□



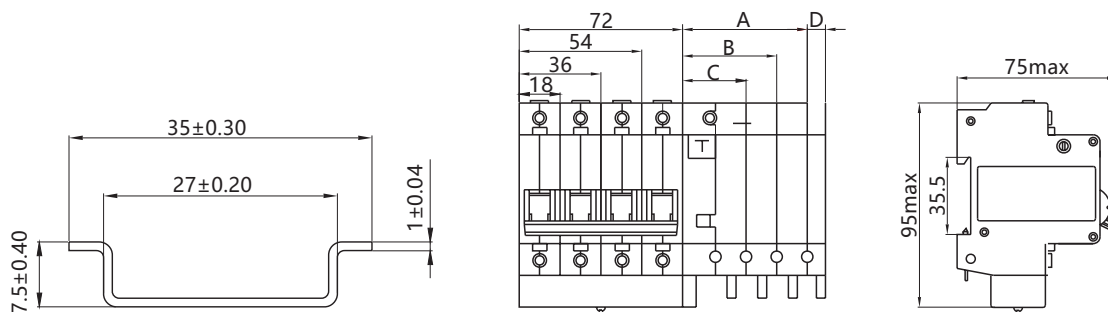
### Specification

	Standard	IEC/EN 61009
Electrical features	Thermo-magnetic release characteristic	C, D
	Rated current $I_n$	6, 10, 16, 20, 25, 32, 40, 50, 63A
	Poles	1P+N, 2P, 3P, 3P+N, 4P
	Rated voltage $U_e$	230/400V
	Rated sensitivity $I_{\Delta n}$	0.03, 0.1, 0.3A
	Rated residual making and breaking capacity $I_{\Delta m}$	2000A
	Rated short-circuit capacity $I_{cn}$	6,000A
	Break time under $I_{\Delta n}$	$\leq 0.1s$
	Rated frequency	50/60Hz
	Rated impulse withstand voltage $U_{imp}$	4,000V
	Dielectric TEST voltage at ind. Freq. for 1min	2kV
	Insulation voltage $U_i$	600
	Pollution degree	2

# RESIDUAL CURRENT CIRCUIT BREAKER

	Standard		IEC/EN 61009
Mechanical features	Electrical life		4,000
	Mechanical life		10,000
	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	$\text{mm}^2$	25
	Terminal size top for busbar	$\text{mm}^2$	25
	Tightening torque	$\text{N}\cdot\text{m}$	2
		In-lbs	18
	Mounting		On DIN rail EN 60715 (35mm) by means of fast clip device
Connection		From top	

## Overall and Mounting Dimensions (mm)



	A	B	C	D	1P+N	2P	3P	3P+N	4P
RDB5LE-63	55	42	28	8	18+36	36+36	54+50	54+63	72+63