

RDX2LE-125 Series(RCBO) Residual Current Circuit Breaker



Application

The RDX2LE-125 RCBO is designed to ensure the protection of low-voltage electrical applications up to 125A

rated voltage 230/400V, AC 50/60Hz

Line protection against earthleakage, overload and short-circuits

Electronic type RCD

Rated short-circuit breaking capacity $I_{cn}=10kA$

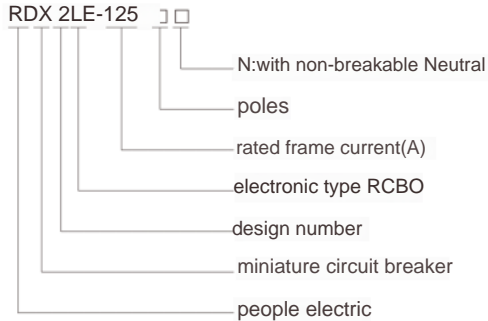
Rated current: 40-125A

Sensitivity range: 30mA, 100mA, 300mA

Comply with IEC61009-1 / GB16917.1

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Model No.



Specification

	Certificate		CE
	Thermo-magnetic release characteristic		C,D
	Rated current I _n	A	40, 50, 63, 80, 100, 125
	Rated voltage U _e	V	230/400
	Rated sensitivity I _n	A	0.03, 0.1, 0.3
Electrical features	Rated residual making and breaking capacity I _m	A	1,500
	Rated short-circuit capacity I _{cn}	A	6000(4~40A);4500(50,63A)
	Break time under I _n	S	0.1
	Rated frequency	Hz	50/60
	Rated impulse withstand voltage U _{imp}	v	4,000
	Dielectric TEST voltage at ind.Freq.for 1min	kV	2
	Insulation voltage U _i		600
	Pollution degree		2

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	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 50
	Terminal size top for busbar	mm ² 50
	Tightening torque	N*m 3.5 In-lbs 31
	Mounting	On DIN rail EN 60715 (35mm) by means of fast clip device
	Connection	From top

Overall and Mounting Dimensions (mm)

