

# Type B Residual Current Circuit Breaker



## Application

JXL2-63B Type B residual current circuit breaker is applied to the lines with rated voltage of 400V/415V~(3P+N), and rated current of 63A. In case of electric shock or electric leakage current exceeds the specified value, the residual current circuit breaker can switch off the fault circuit in a very short time, protecting the safety of person and electric equipment. Conform to the standard: IEC / EN61008-1, IEC / EN62423.

- It can protect complex waveforms such as compound wave, two-phase or three-phase rectifier wave and smooth DC wave.
- Suitable for photovoltaic power generation, frequency converter, charging pile and other occasions with large dc component.

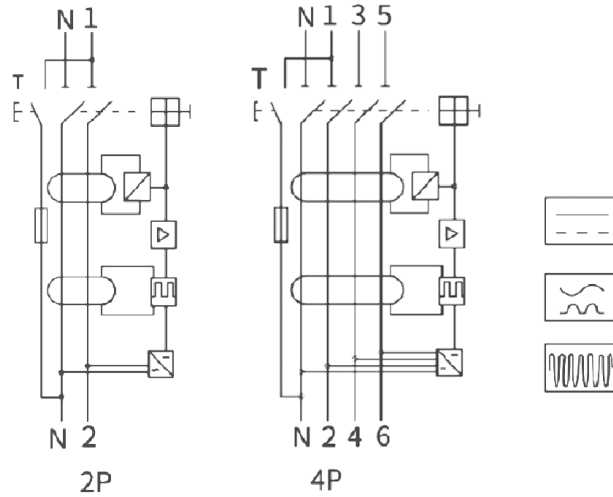


## Basic Specification and Main Parameters

Model Name	JXL2-63B
Type (wave form of the earth leakage sensed)	B
Pole number	2P(1P+N),4P(3P+N)
Standard	IEC61008.1 IEC62423
Rated working current(In)	25A,40A,63A
Rated working voltage(Ue)	230V/240V(2P),400V/415V(4P)
Rated frequency	50/60Hz
Rated inpluse withstand voltage(Uimp)	4000V
Rated insulation voltage(Ui)	500V
Rated residual operating current(IΔn)	30mA
Rated residual making and breaking capacity(IΔm)	500A(In=25A/40A),630A(In=63A)
Rated making and breaking capacity(I <sub>m</sub> )	500A(In=25A/40A),630A(In=63A)
Rated limiting short-circuit current(I <sub>nc</sub> )	6000A,10000A
Rated limiting residual short-circuit current(IΔc)	6000A,10000A
Mechanical life	6000
Electric life	4000
Protection degree	IP20
Enviroment teperature	-5°C~+40°C
Installation level	≤ 2000m
Storage temperature	-25°C~+70°C
Mounting	On DIN rail EN60715(35mm) by means of a fast clip device
Tightening torque	2.5Nm 22In-lbs
Wiring terminal copper size	25mm <sup>2</sup> (25A/40A/63A)
Wiring terminal connection conductor size	25mm <sup>2</sup> (25A/40A/63A)

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## Operation Principle Figure



## Security Warning

- This product must be installed professionally.
- Operation with wet hands is strictly prohibited in case of electric shock hazard.
- The products don't have the dust-proof function with protection class IP20, please install in a sealed box when they are used in a dusty environment.
- The product can't protect the risk of electric shock that caused by two lines contact protection circuit at the same time.
- Residual current protection features is tested and adjusted by the manufacturer, users can not adjust the product at random during usage.
- RCCB must not be wetted or soaked by rain, snow or water during transportation, storage and usage.

## Outline & Installation Dimension

