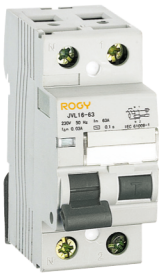
JVL16-63 Residual Current Circuit Breaker

Standrad: IEC61008 CB CE RoHS



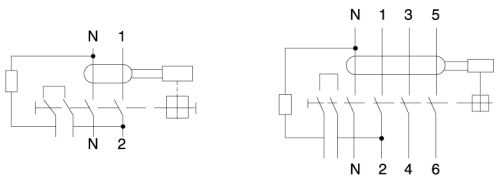
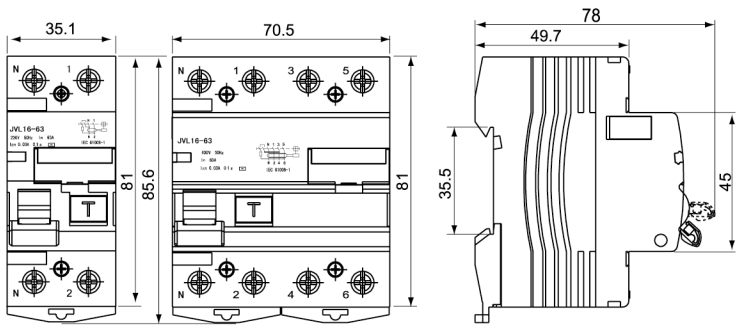
Construction and Feature

- Elegant appearance; cover and handle in arc shape make comfortable operation.
- Contact position indicating window
- Transparent cover designed to carry label.
- In case of overload to protected circuit, RCCB handle trips and stays at central position, which enables a quick solution to the faulty line. The handle cannot stay in such position when operated manually.
- Provides protection against earth fault/leakage current and function of isolation.
- High short-circuit current withstand capacity
- Applicable to terminal and pin/fork type busbar connection
- Equipped with finger protected connection terminals
- Fire resistant plastic parts endures abnormal heating and strong impact
- Automatically disconnect the circuit when earth fault/leakage current occurs and exceeds the rated sensitivity.
- Independent of power supply and line voltage, and free from external interference, voltage fluctuation.

Technical Data

- Mode: electro-magnetic type
- Residual current characteristics: A, AC
- Pole No.: 2, 4
- Rated making and breaking capacity: 630A
- Rated current(A): 25, 40, 63
- Rated voltage: 240/415V AC
- Rated frequency: 50/60Hz
- Rated residual operating current I△n(A): 0.03, 0.1, 0.3, 0.5
- Rated residual non operating current I△no: 0.5I△n
- Rated conditional short-circuit current Inc: 10kA
- Rated conditional residual short-circuit Current I△c: 10kA
- Tripping duration: instantaneous tripping ⩽ 0.1s
- Residual tripping current range: 0.5I△n~I△n
- Terminal Connection Height: 19mm
- Electro-mechanical endurance: 4000 cycles
- Connection capacity: Rigid conductor 25mm^2
- Connection terminal:
  - ☐ Screw terminal
  - ☐ Pillar terminal with clamp
- Fastening torque: 2.0Nm
- Installation:
  - ☐ On symmetrical DIN rail 35mm
  - ☐ Panel mounting

Wiring Diagram



Overall & Installation Dimensions