

ROSB Series Datasheet

Residual Current Circuit Breaker with Overcurrent Protection (RCBO)

Construction and Features

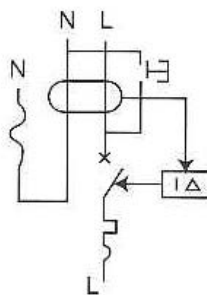
- Cover & handle in arc shape for comfortable operation
- Contact position indication window
- Transparent cover designed to carry label
- In case of overload, RCBO handle trips & stays in central position to enable quick solution to the faulty line. Handle cannot stay in position when operated manually.
- RCBO can be locked to 'ON' or 'OFF' position to prevent unwanted operation of the product.
- Provides complementary protection against direct contact.
- Effectively protects electric equipment against insulating failure.
- Contact position indication.

Technical Data

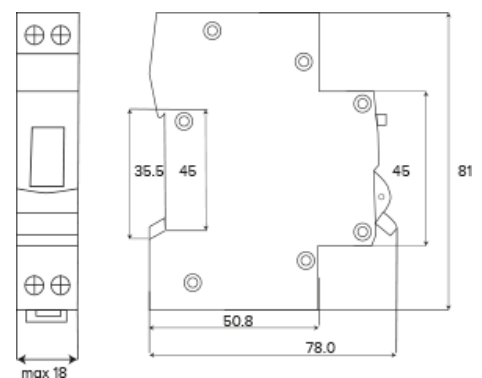
- Type: electronic type
- Residual current characteristics: AC
- Pole No.: 1P+N
- Tripping Curve: B, C, D
- Rated short-circuit capacity: 10kA
- Rated current (A): 1,2,3,4,6,10,16,20,25,32
- Rated voltage: 240V AC
- Rated frequency: 50Hz
- Rated residual operating current (mA): 0.03, 0.1, 0.3
- Tripping duration: instantaneous < 0.1s
- Terminal connection height: H1=19mm H2=22mm H3=18mm
- Electro-mechanical endurance: 4000 cycles
- Connection terminal: pillar terminal with clamp
- Connection capacity: flexible conductor 10mm², rigid conductor 16mm²
- Installation: on symmetrical DIN rail 35mm, panel mounting



Wiring Diagram



Overall & Installation Dimensions



Standard: IEC61009-1 