

# RCBO with Over Current Protection

## Specifications and Dimensions

Part No: ERS1R6xxA-N

- Provides protection against earth fault/leakage current, short-circuit, overload
- High short-circuit capacity
- Provides comprehensive protection to household and commercial distribution systems
- Provides complementary protection against direct contact by human body
- Contact position indication
- Provides protection against over-voltage
- Type: Electronic type
- Residual current characteristics: A
- Pole No: 1P+N
- Tripping curve: B
- Rated short-circuit capacity: 6kA
- Rated current (A): 6, 10, 16, 20, 32, 40
- Rated voltage: 230V AC
- Rated frequency: 50/60Hz
- Rated residual operating current (mA): 30
- Tripping duration: instantaneous: < 0.1s
- Electro-mechanical endurance: 4000 cycles
- Connection terminal: pillar terminal with clamp
- Connection capacity:
  - Rigid conductor 16mm<sup>2</sup>
  - Terminal connection height:  
H1=21.5mm H2=25mm H3=20.5mm
- Installation:
  - On symmetrical DIN rail 35.5mm
  - Panel mounting

