

# RCBO Type B EKL5-63B

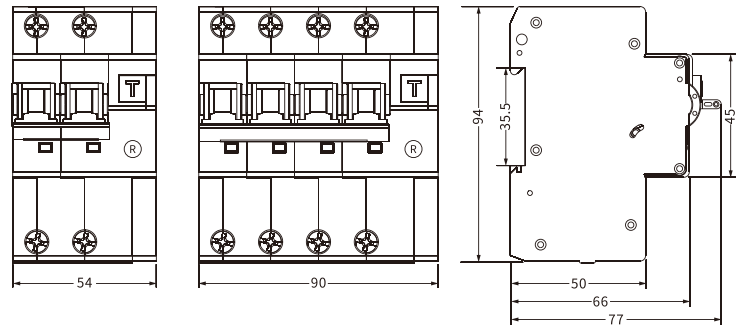


RCCB with Overcurrent Protection

Standard\_ IEC61009-1  
IEC62423



## Overall and Installation Dimension(mm)



## Technical Data

|  |  |
|--|--|
| Standard   | IEC/EN61009-1 ,IEC/EN62423   |
| Protection   | Ground fault, Overcurrent and short circuit, Over-voltage(selectable)    |
| Type of trip   | Ground fault : Electronic<br>Overload and short circuit :Thermo-magnetic |
| Type of protection (electric leakage)                      | B  |
| No.of poles  | 1P+N 3module , 3P+N 5module, N line with disconnected                    |
| Rated voltage (Ue)   | 1P+N:230/240V~,3P+N:400/415V~  |
| Rated currents (In)  | 6,10,16,20,25,32,40,50,63A   |
| Rated sensitivity currents (I $\Delta$ n)                  | 30,100,300mA   |
| Residual current off-time under (I $\Delta$ n)             | ≤ 0.1s   |
| Rated residual making and breaking capacity (I $\Delta$ m) | 500A(In≤50A), 10In(In>50A)   |
| Rated frequency  | 50/60Hz  |
| Rated breaking capacity                                    | 10,000A  |
| Energy Limiting Class                                      | 3  |
| Rated impulse withstand voltage(1.2/50) (Uimp)             | 4,000V   |
| Dielectric test voltage at Ind. Freq.for 1 min             | 2kV  |
| Thermal release characteristic                             | (1.13-1.45) x In   |
| Magnetic release characteristic                            | B:(3-5) x In, C:(5-10) x In, D:(10-20) x In                              |
| Electrical life  | 4,000 Cycles   |
| Mechanical life  | 10,000 Cycles  |
| Contact position indicator                                 | Yes  |
| Ground fault indicator                                     | Yes  |
| Protection degree  | IP20   |
| Ambient temperature  | -25°C to +55°C, Max.95% humidity   |
| Terminal connection type                                   | Cable/Pin-type busbar/Fork-type busbar                                   |
| Max.terminal size for cable                                | 25mm <sup>2</sup>  |
| Max.tightening torque                                      | 2.5N.m   |
| Installation   | Mounting on 35mm DIN rail  |
| Connection   | From top   |