

© Product installation and operation guide



10KA TYPE A RCBO



LIVE ELECTRICAL DISTRIBUTION UK LTD

4 Queensmead Place, Textilose Road, Manchester, M17 1PH
Tel: 0161 8702592 Web: www.liveelectrical.co.uk
E-mail: sales@liveelectrical.co.uk



Ensure that these instructions are made available to the end user for future reference.

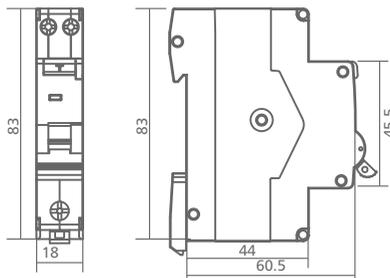
10KA TYPE A RCBO

Description & Features

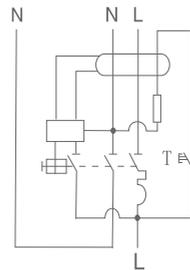
RKA is a range of MCB sized RCBOs, apply to circuit of AC50/60Hz. Rated voltage to 230v, and current up to 40 A, bring higher levels of safety to an electrical installation and its users because they include switched neutral as standard, which will guarantee that healthy circuits remain in service and that only a faulty circuit is switched off .

- Switching and isolation.
- Overload and short circuit protection.
- Type A detects and respond both AC and pulsating DC.
- Indirect and direct contacts protection.
- Protection against fire hazard caused by insulation faults.
- Poles: 1P+N.
- Rated currents(In): 6,10,16,20,25,32,40A.
- Rated sensitivity current: 30mA.
- Rated frequency: 50/60Hz.
- Rated impulse with stand voltage Uimp (1.2/50us): 4kV.
- Rated operated voltage: 230/240V~.
- Rated breaking capacity: 10kA.
- Type: A.
- Tripping curves: B,C.
- Bidirectional.
- IP20.
- Max terminal size for cable: 2.5Nm
- Standards: IEC/EN61009-1
- Max terminal size for cable: 16mm².
- Electrical endurance: 4000 cycles.
- Mechanical endurance: 10000 cycles.
- Ambient temperature: -5°C to 40°C

Product Dimension



Wiring



Bi-Directional

Installation

1. The RCBO is installed in the distribution box, distribution cabinet or box using the TH35-7.5 steel mounting rail.
2. Generally, the RCBO should be installed vertically, with the handle facing upward to power on
3. There should be no significant impact and vibration at the installation place
4. Connection method: Tighten the connection with screws
5. The external magnetic field of the installation site shall not exceed 5 times of the earth magnetic field in any direction
6. Installation and disassembly:

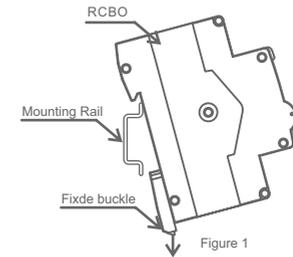


Figure 1

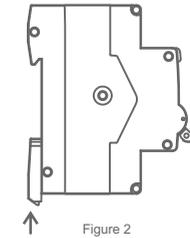


Figure 2

a. Installation: Pull the fixed buckle of the RCBO down in the direction of arrow 1 according to Figure 1, and then put the RCBO in align the rail with the upper end of the installation guide rail (see Figure 1), and ensure that the bottom of the RCBO is fully aligned with the installation guide rail. After that (see Figure 2), push the fixed buckle of the RCBO into the lower end of the installation guide rail according to the arrow direction in Figure 2 to release it.

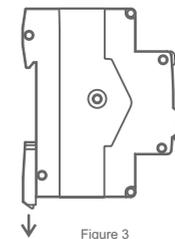


Figure 3

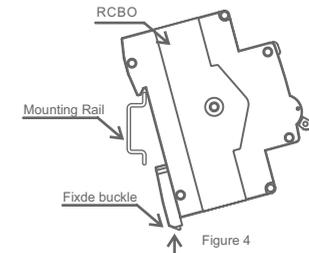


Figure 4

b. Disassemble: Pull the fixed buckle of the RCBO down in the arrow direction as shown in Figure 3, and then pull the RCBO as shown in Figure 4. The lower end of the RCBO is lifted up and pushed upward, then the RCBO can be removed.