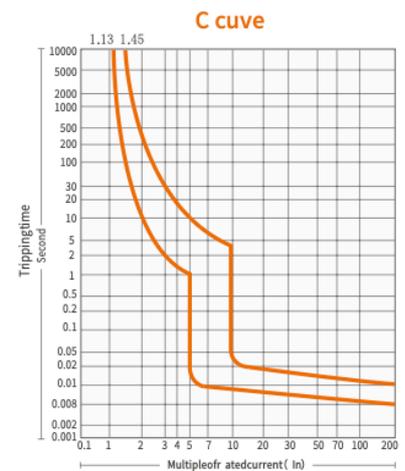
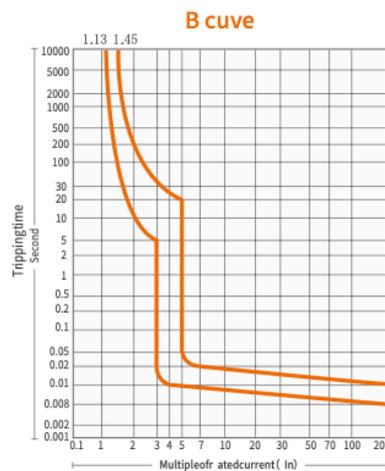
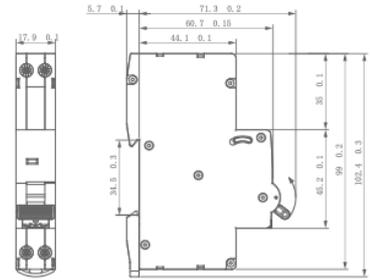
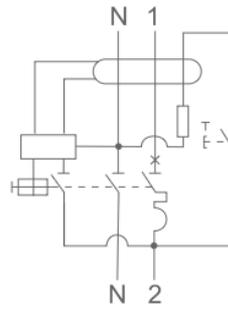


Type B RCBO



Description & Features

RKB series RCBO is a single-module Type B Residual Current Breaker with Overcurrent Protection introduced by LIVE Electrical. This advanced circuit protection device efficiently handles overcurrent, short circuits, and earth fault leakages, while being specifically designed to detect complex waveforms and DC residual currents.

The compact single-module design, combined with its bidirectional power capability, makes it an ideal solution for modern electrical installations and the renewable energy sector.

RKB operates at a rated voltage of 230/240V and supports a maximum current of up to 40A. It features a residual current sensitivity of 30mA and a short circuit rating of 6kA.

Additionally, it offers both B curve and C curve characteristics, making it an ideal solution for safeguarding sensitive electronic equipment like electric vehicle chargers, solar panels, and heat pumps.

Technical Data

- Poles: 1P+N
- Rated currents (In): 16, 20, 25, 32, 40A
- Rated frequency: 50/60Hz
- Rated impulse with stand voltage U_{imp} (1.2/50us): 4kV
- Rated operated voltage: 230/240V~
- Insulation voltage (U_i): 500V
- Rated breaking capacity: 6kA
- Type: B
- Tripping curves: B, C
- Rated sensitivity current: 30mA
- Max. terminal size for cable: 2.0Nm
- Standards: IEC/EN61009-1, IEC/EN62423
- Max terminal size for cable: 16mm²
- Bidirectional
- IP20

Part No	Description	Box Qty
RKB116B-030	16A 1P+N 30mA B Curve Type B RCBO	50
RKB120B-030	20A 1P+N 30mA B Curve Type B RCBO	50
RKB125B-030	25A 1P+N 30mA B Curve Type B RCBO	50
RKB132B-030	32A 1P+N 30mA B Curve Type B RCBO	50
RKB140B-030	40A 1P+N 30mA B Curve Type B RCBO	50
RKB116C-030	16A 1P+N 30mA C Curve Type B RCBO	50
RKB120C-030	20A 1P+N 30mA C Curve Type B RCBO	50
RKB125C-030	25A 1P+N 30mA C Curve Type B RCBO	50
RKB132C-030	32A 1P+N 30mA C Curve Type B RCBO	50
RKB140C-030	40A 1P+N 30mA C Curve Type B RCBO	50