

ENGLISH

User manual

Smart RCCB **63 A Wi-Fi** with automatic reclosing

Ref. SBLsNT63AX2P (2P, single-phase) · SBLsNT63AX4P (4P, three-phase) · 30 mA, Type A & AC · Tuya Smart / Smart Life app



wizelek.com/
manuals.html
Latest version online

For qualified electricians. Install and wire the device with the supply switched off, in accordance with the wiring rules in force.

Contents

1	Safety	2
2	Your RCCB	3
3	Installation	4
4	Operating modes	6
5	Switching on and testing	6
6	Connecting to the app	6
7	Automatic reclosing	7
8	Everyday use	8
9	Troubleshooting	8
10	Technical specifications	9
11	Warranty, disposal and compliance	10

1 Safety

! Risk of electric shock. Installation, wiring and any work on this device must be carried out by a qualified electrician, with the supply switched off, secured against reconnection and checked dead, in accordance with the wiring rules in force in your country.

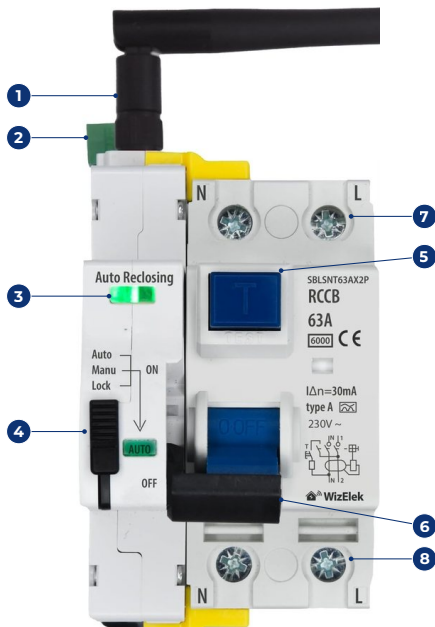
- Read this manual before installing the device and keep it with the documents of the distribution board.
- Install the device only inside a closed distribution board, indoors, in a dry place.
- Do not exceed the ratings: 63 A; 230 V~ (2P) or 230/400 V~ (4P); 50/60 Hz.
- **This RCCB does not protect against overload or short circuit.** Protect it as required by the wiring rules, for example with a circuit breaker rated 63 A or less upstream, and protect each outgoing circuit with its own circuit breaker.
- The device can switch the installation back on by itself (automatic reclosing) or remotely (app, schedule, automation). Before working on the installation, set the selector to **Lock**, isolate the supply upstream, secure it against reconnection and check that the circuits are dead.
- Do not use remote switching, schedules or automations on a circuit whose interruption could be dangerous, for example medical or safety equipment.
- Anyone with access to your app account can switch the installation on and off: protect your account and share the device only with people you trust.
- Do not open, repair or modify the device, and do not separate the module from the RCCB. If the device is damaged, behaves abnormally or does not trip when tested, have it replaced.

2 Your RCCB

The SBLSNT63AX is a residual current circuit breaker (RCCB) 63 A, 30 mA, Type A & AC, assembled with a motorised module that adds Wi-Fi remote control and automatic reclosing.

Version	Network	Width
SBLSNT63AX2P	single-phase: N + L, 230 V~	3 DIN modules
SBLSNT63AX4P	three-phase: N + L1 L2 L3, 230/400 V~	5 DIN modules

- ✓ **Residual current protection, 30 mA, Type A & AC:** protects people against electric shock by detecting leakage currents to earth, including the pulsating DC leakage currents produced by many electronic appliances.
- ✓ **Automatic reclosing:** up to 3 attempts after a trip (section 7).
- ✓ **Remote control** over Wi-Fi with the Tuya Smart or Smart Life app: on/off, status, schedules and notifications.



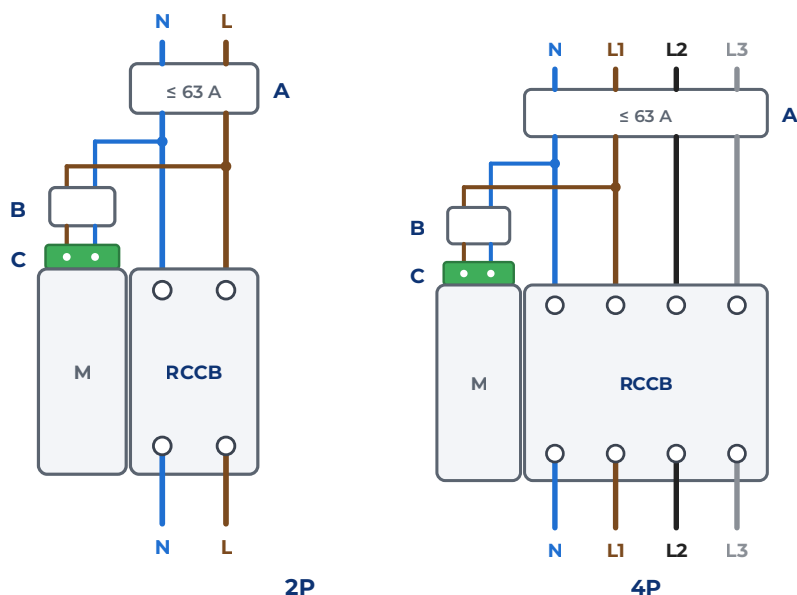
- 1 **Wi-Fi antenna** (to screw on).
- 2 **Green connector:** supply of the module (section 3).
- 3 **Status lights** of the module.
- 4 **Mode selector:** Auto, Manu, Lock; the window below it shows the selected mode (section 4).
- 5 **Test button T.**
- 6 **Operating lever:** up = on, down = off.
- 7 **Supply terminals:** N, L (2P) or N, L1, L2, L3 (4P).
- 8 **Load terminals,** in the same order.

3 Installation

- ! Switch off the supply upstream, secure it against reconnection and check that the conductors are dead before you start.

Install the device at the head of the distribution board or of the line it protects.

- 1 Screw the Wi-Fi antenna onto the module.
- 2 Clip the device onto a 35 mm DIN rail.
- 3 Connect the **supply** to the upper terminals: **N** and **L** (2P), or **N, L1, L2, L3** (4P), as marked on the device.
- 4 Connect the **outgoing circuits** to the lower terminals, in the same order.
- 5 **Supply the module:** connect the two terminals of the green connector to a phase and to the neutral, taken **upstream** of the RCCB. On the 4P version, use one of the three phases.
- 6 Insert each conductor fully and tighten the screws firmly. Pull gently on each conductor to check that it is held.
- 7 Refit the cover of the distribution board.



A upstream protection, 63 A maximum · B protection of the module supply · C green connector of the module (M)

! The module must be supplied from upstream of the RCCB. It then stays powered when the RCCB is open. If it is supplied downstream, automatic reclosing and switching on from the app cannot work.

- Like any conductor, the supply wires of the module must be protected against overcurrent according to their cross-section, for example by a small circuit breaker dedicated to the module.
- The neutral of the protected circuits must come from the N terminal of this RCCB only. A neutral shared with another circuit makes the device trip.
- A metal distribution board reduces the Wi-Fi range. Check that the Wi-Fi signal is good at the board.

4 Operating modes

The selector on the module has three positions. The window below it shows the selected mode.

Position	What it does
Auto	Automatic reclosing on. Use this position for everyday operation and for remote control from the app.
Manu	Automatic reclosing off: after a trip, the RCCB stays off until you switch it back on with the lever.
Lock	The lever is locked in the down position (off): the RCCB cannot be switched on. The lock can be sealed. Use this position during work on the installation.

5 Switching on and testing

- 1 Set the selector to **Auto**.
- 2 Switch the supply back on upstream: the status light of the module comes on.
- 3 Raise the lever to switch the RCCB on (or tap **ON** in the app once the device is paired).

Monthly test

- 1 Set the selector to **Manu**, so that the RCCB does not switch back on by itself during the test.
- 2 Press the **test button T**: the RCCB must trip and the lever drops.
- 3 Raise the lever, then set the selector back to **Auto**.

i Repeat this test **once a month**. If the RCCB does not trip when you press T, it no longer protects: have it replaced.

6 Connecting to the app

- ✓ Install the free **Tuya Smart** or **Smart Life** app (App Store or Google Play) and create an account.

- ✓ Connect your phone to your **2.4 GHz Wi-Fi** network. 5 GHz networks are not supported.
- ✓ Allow the permissions the app asks for: it needs them to find the device.
- 1 Lower the lever of the RCCB (off).
- 2 With the selector on **Auto**, slide it down to **Lock** and back up to **Auto**, **twice in a row**. The red light flashes rapidly: the module is ready to be paired.
- 3 In the app, tap + (top right), then **Add Device**. The app looks for nearby devices: select the circuit breaker ("Breaker"). If it is not found, choose **Electrical › Circuit breaker (Wi-Fi)**.
- 4 Enter the name and password of your 2.4 GHz Wi-Fi network, then tap **Next**.
- 5 Wait until the device has been added, then tap **Done**. You can rename it, for example "Main board".

i If the pairing fails, check the Wi-Fi password and the 2.4 GHz band, check that the antenna is screwed on, bring the phone close to the distribution board and start again from step 1. The app screens and menu names may vary slightly with the app version and the language of your phone.

Amazon Alexa and Google Home: in the Alexa or Google Home app, add the Tuya Smart (or Smart Life) service, sign in with the account you used above, then run the device discovery.

7 Automatic reclosing

With the selector on **Auto**, the RCCB switches back on by itself after a trip:

Trip	What the RCCB does
1st trip	switches back on after 10 seconds (attempt 1)
2nd trip	switches back on after 1 minute (attempt 2)
3rd trip	switches back on after 5 minutes (attempt 3)
4th trip	stays off: switch it back on once the fault has been repaired

- If the RCCB stays on for **15 minutes** without tripping, a new cycle of 3 attempts becomes possible.
- To switch automatic reclosing off, set the selector to **Manu**.



Automatic reclosing does not repair anything. A trip that repeats shows a leakage fault in the installation or in an appliance: have it located and repaired.

8 Everyday use

- **On and off:** with the lever, or with the **ON** and **OFF** buttons in the app (selector on Auto).
- **Status:** the app shows the state of the device and the position of the lever.
- **Schedules and timers:** switch the installation on and off at set times.
- **Notifications:** the app can warn you when the device trips.
- **Scenes and automations:** link the RCCB to your other Tuya devices.
- **Without Wi-Fi:** the residual current protection keeps working. Remote control and notifications come back with the connection.

9 Troubleshooting

The RCCB trips as soon as it is switched on.

A leakage fault is present downstream. Switch off the outgoing circuit breakers, then switch them back on one by one to find the faulty circuit, and then the faulty appliance. Check that no neutral is shared with another circuit.

It trips for no apparent reason.

Small leakages add up when many electronic appliances are connected downstream of the same RCCB, and damp or ageing appliances leak more. Spread the circuits over several residual current devices if necessary.

It does not switch back on by itself.

Check that the selector is on **Auto** and that the status light is on. After 3 attempts, the RCCB stays off (section 7). If the light is off, the module is not supplied: check the green connector and that it is supplied from upstream of the RCCB.

The lever cannot be raised.

The selector is on **Lock**: move it to Auto or Manu. If the RCCB trips again at once, a fault is present downstream.

The app does not find the device.

Repeat the pairing sequence: lever down, then selector from Auto to Lock and back, twice, until the red light flashes rapidly. Use a 2.4 GHz network and check that the antenna is screwed on.

The device appears offline in the app.

Check the Wi-Fi signal at the distribution board, the antenna and your router. If you changed the Wi-Fi name or password, remove the device in the app and pair it again.

The RCCB does not trip when you press T.

It no longer protects: have it replaced.

10 Technical specifications

Reference	SBSLNT63AX2P	SBSLNT63AX4P
Type	RCCB — residual current circuit breaker without overcurrent protection, with motorised module	
Product standard	EN 61008-1	
Poles	2 (N + L)	4 (N + L1 L2 L3)
Rated voltage	230 V~	230/400 V~
Frequency	50/60 Hz	
Rated current I _n	63 A (no overcurrent tripping)	
Maximum power	14 kW	42 kW
Residual current I _{Δn}	30 mA, Type A (Type AC included)	
Rated residual making and breaking capacity I _{Δm}	630 A	
Rated conditional short-circuit current	6,000 A	
Automatic reclosing	3 attempts: after 10 seconds, 1 minute and 5 minutes; new cycle after 15 min without trip	
Endurance	20,000 motorised operations; 10,000 trips	
Width	3 DIN modules (55.6 mm)	5 DIN modules (91.1 mm)
Height × depth	82 mm (96.5 mm at the module, without antenna) × 82.1 mm	
Terminals	cables up to 25 mm ²	
Operating temperature	-25 to +55 °C	
Wi-Fi	2.4 GHz (5 GHz not supported), external antenna	
App	Tuya Smart or Smart Life (iOS and Android); works with Amazon Alexa and Google Home	

Mounting

35 mm DIN rail, in a distribution board, indoors

11 Warranty, disposal and compliance

Warranty. This product is covered by the legal guarantee of conformity (2 years in the EU) from the date of purchase, under normal use. The guarantee does not cover wear, incorrect installation or wiring, use outside the ratings, exposure to water or opening of the device. Return transport costs are borne by the customer. Keep your proof of purchase.

Manufacturer: BGA SAS – 36 boulevard du Montparnasse – 75015 Paris – France.

Documentation: www.wizelek.com.



Disposal. Do not dispose of this product with household waste. Electrical and electronic equipment must be taken to a collection point for recycling (WEEE Directive 2012/19/EU).

Radio. Wi-Fi 2.4 GHz (2400–2483.5 MHz).

CE marking: the EU declaration of conformity is available from the manufacturer on request.

Personal data. The Tuya Smart and Smart Life apps and their cloud service are provided by Tuya. Creating an account, storing your settings and the history of the device are governed by Tuya's privacy policy, which we invite you to read before signing up.

© 2026 WizElek™. This manual — text, layout and illustrations — may not be reproduced without permission.

WizElek™ is a trademark of BGA SAS. Tuya and Tuya Smart are trademarks of Tuya Inc.; Smart Life, Amazon Alexa and Google Home are trademarks of their respective owners.