Wiring diagram ekey sLine

ekey
YOUR FINGER. YOUR KEY.

850615

230 VAC

3

2

INPUT   RELAY
1 IC 2   1   2

RESET   ekey controller   1 2

ekey   works with bionyx app

WLAN

router

LAN   POWER RS-485
+ - A B

1

+ - A B

---
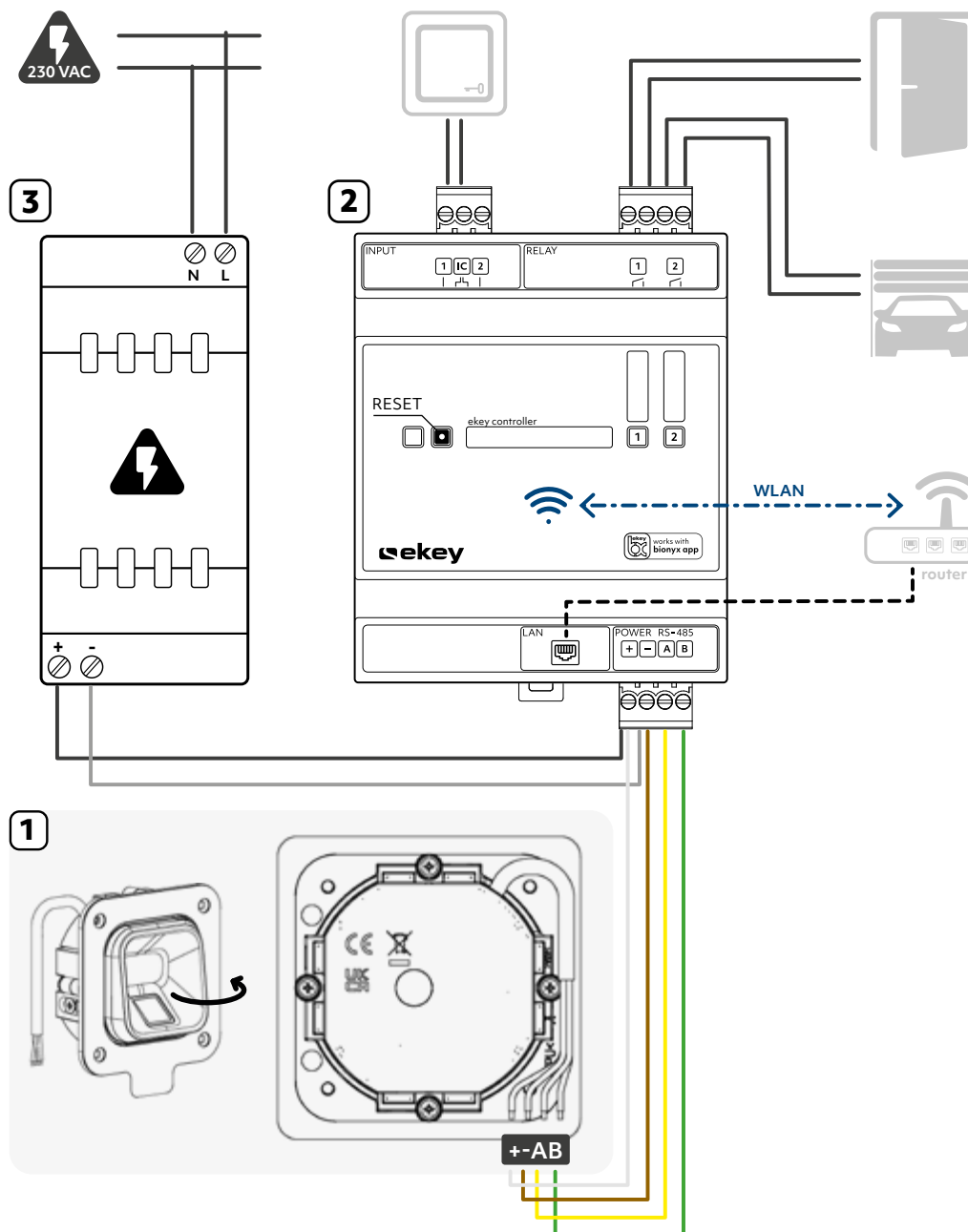
1 **Connection fingerprint scanner**

White +:	12-24 VDC
Brown -:	GND
Yellow A:	control unit A
Green B:	control unit B

2 **Connection control unit**

Power +/white:	12-24 VDC
Power -/brown:	GND
RS-485 A/yellow:	fingerprint scanner A
RS-485 B/green:	fingerprint scanner B
Relay 1:	potential-free
Relay 2:	potential-free
Input 1:	potential-free
Input 2:	potential-free
IC:	GND
LAN:	router
WLAN:	integrated

3 **Connection power supply**

Input:	230 VAC/50 Hz
Output:	12-24 VDC

POWER SUPPLY
Select the power supply based on the properties of the motorized lock.

RECOMMENDED CABLES
Power supply – control unit:
   2 x 0,75 mm (H03VV-F)
Control unit – fingerprint scanner:
   2 x 2 x 0,8 mm (EIB-Y St Y)

⚠ DANGER
Risk of electrocution: All ekey devices are to be operated with Safety Extra Low Voltage (SELV). Only use power supplies rated protection class 2 with safety approval according to EN 62368-1. Failure to do so will create a risk of fatal electrocution.
Only certified electricians are authorized to carry out electrical installation work on mains systems.

⚠ ATTENTION
Property damage in the event of incorrect mounting and wiring: The system devices are operated using electricity.
They could be destroyed if they are mounted and wired incorrectly.
Mount and wire the system devices correctly before connecting the power.

📄 NOTICE
This wiring diagram is not subject to updating. We reserve the right to make technical modifications and change the product's appearance; any liability for errors and misprints is excluded.