Wiring diagram ekey sLine

ekey
YOUR FINGER. YOUR KEY.

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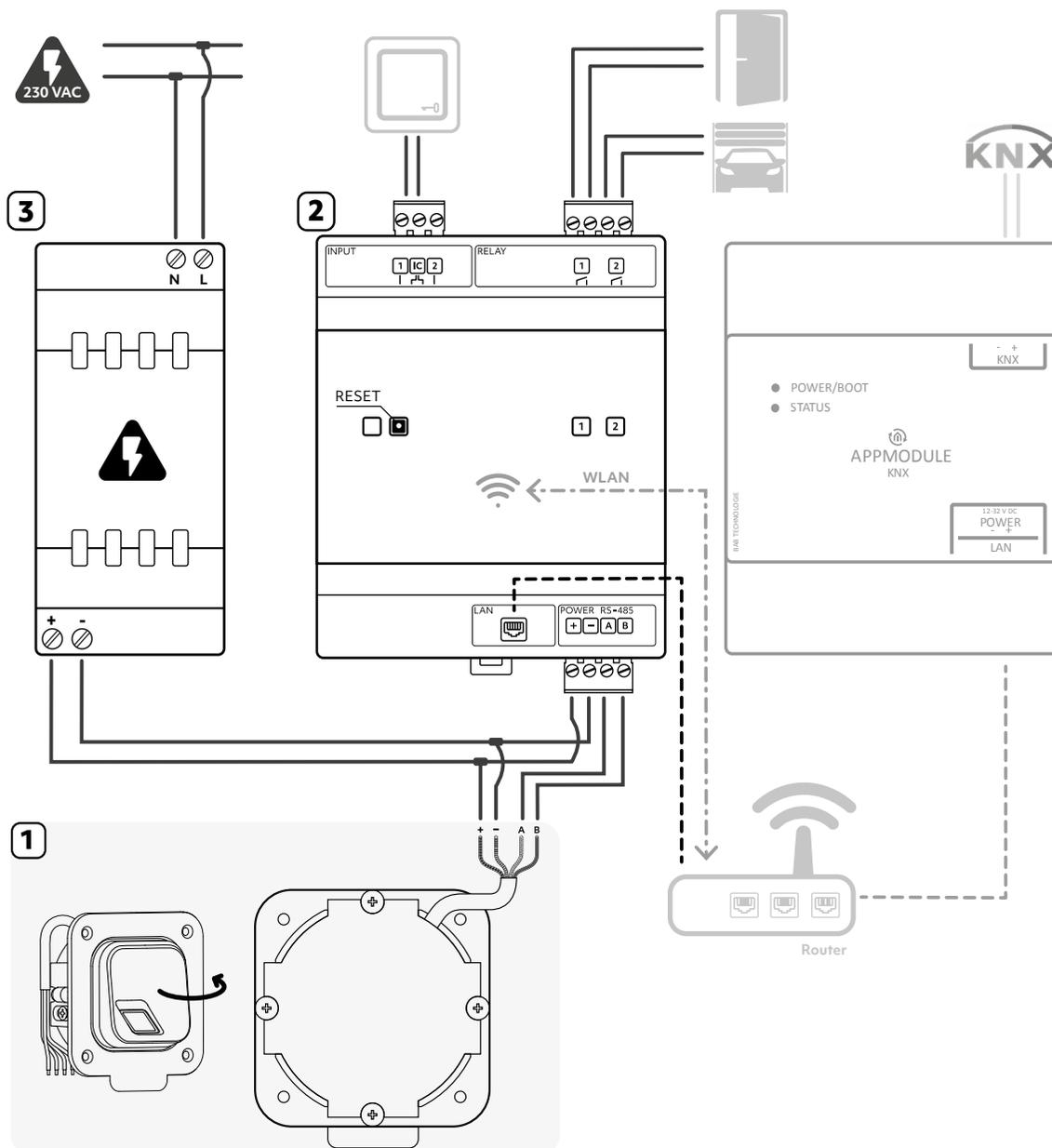
Video instructions
You can watch the video instructions for installing the ekey sLine by scanning the QR code.

1 Connection fingerprint scanner

White (+):	12-24 VDC
Brown (−):	GND
Yellow (A):	RS-485 A
Green (B):	RS-485 B

2 Connection control unit

+:	12-24 VDC
−:	GND
A:	RS-485 A
B:	RS-485 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)
Max. cable length: 200 m

⚠ 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.