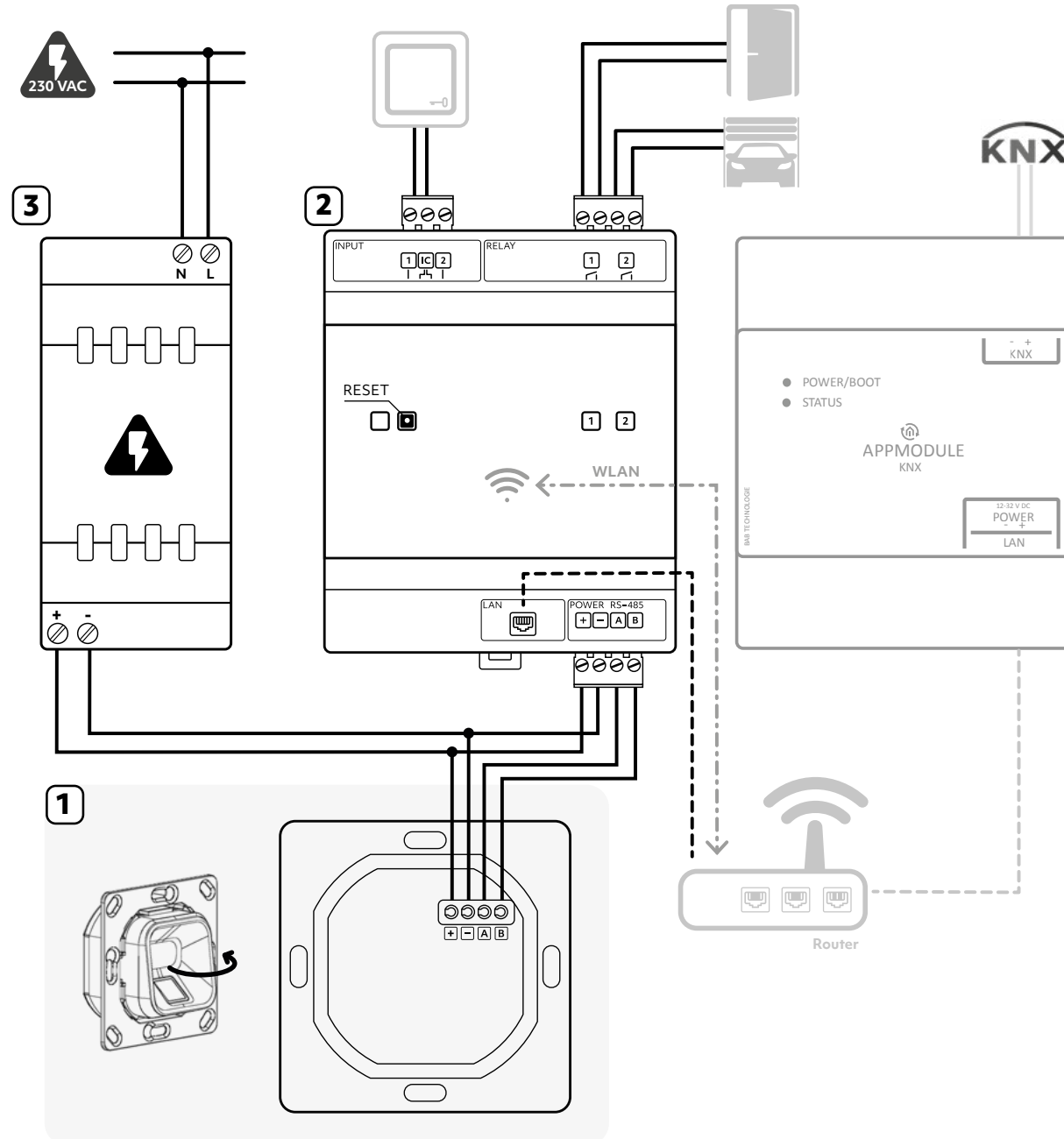


Wiring diagram ekey xLine



YOUR FINGER. YOUR KEY.

ID387/792/0/796: Version 2, 2023-04-11



Video instructions

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

1 Connection fingerprint scanner

+	12-24 VDC
-	GND
A	RS-485 A
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

Info: Loosen the wire connection on the fingerprint scanner by turning the wire. Refer to the terminal specification in the data sheets if using a different cable.

⚠ 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.