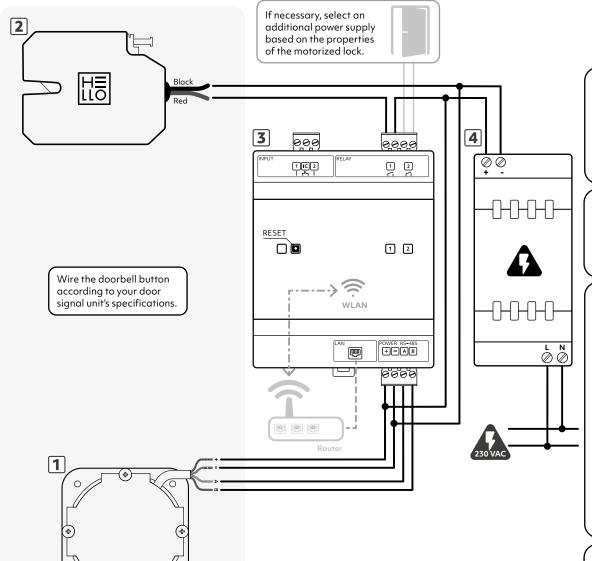
Wiring diagram ekey sLine

HELLO mailbox



ID443/845/0/853: Version 1, 2025-11-13





Tonnection fingerprint scanner White (+): 12-24 VDC Brown (-): GND Yellow (A): RS-485 A

2 Connection mailbox lock

Green (B):

Red: Switching impulse (+)
Black: GND

RS-485 B

3 Connection control unit

+: 12-24 VDC **-**: **GND** A: RS-485 A В: RS-485 B Mailbox lock Relay 1: potential-free Relay 2: potential-free Input 1: Input 2: potential-free IC: **GND** LAN: router WLAN: integrated

4 Connection power supply

Input: 230 VAC/50 Hz
Output: 12 VDC

RECOMMENDED CABLES

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

Power supply - control unit:

▲ 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.

A 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.