

4in1 access control system



Note

Incorrect installation, maintenance or operation can lead to hazardous situations.

This extract is not a replacement for complete documentation. Failure to observe this documentation discharges the hardware manufacturer from their liability.

- ▶ Note the complete installation, maintenance and operation instructions.

The complete document from which this extract is taken is:

- Roto Safe E installation instructions:
Eneo C | CC | CF: IMO_438

General information

Copyright protection

The content of this document is copyright-protected. This content can be used when working with the hardware. Any other use is not permitted without written permission of the manufacturer.

Limitation of liability

All information and instructions contained in this document have been compiled in consideration of the applicable standards and regulations, the latest developments in technology and many years of knowledge and experience.

The hardware manufacturer assumes no liability for damage caused by:

- Failure to comply with this document and all product-specific documents and other applicable directives (see the chapters entitled "Security" and "Stipulated use").
- Improper use / misuse (see the chapters entitled "Security" and "Stipulated use").
- Insufficient invitation to tender, non-compliance with installation specifications and non-compliance with the application diagrams (where available).
- Increased contamination.

Claims made by third parties against the hardware manufacturer on account of damage resulting from misuse or failure to comply with the obligation to give instructions on the part of hardware dealers, window, door and balcony door manufacturers and building element dealers or the builder are passed on accordingly.

The obligations agreed in the delivery contract, the general terms and conditions, the hardware manufacturer's terms and conditions of delivery and the legal provisions applicable when the contract was concluded shall apply.

The warranty only covers original Roto components.

We reserve the right to make technical changes as part of improvement to performance characteristics and further development.

Security

Stipulated use

The 4in1 access control system makes opening the door simple. The door can be opened by entering a PIN code or using a fingerprint, Bluetooth-capable smartphone or RFID-capable medium.

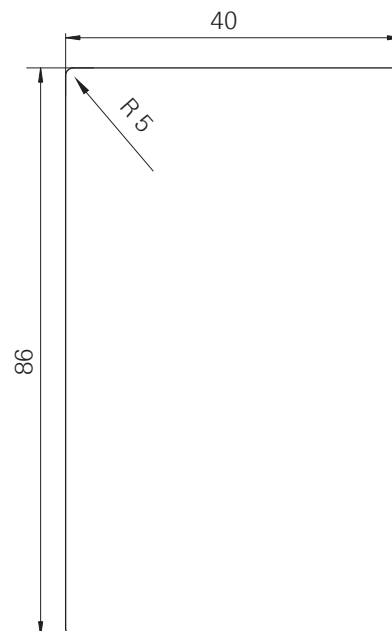
The 4in1 access control system can be used with all Eneo locks.

The stipulated use also includes compliance with all information contained in the product-specific documentation, such as:

- These brief instructions
- The installation, maintenance and operation instructions
- Product catalogues
- Information, specifications from profile manufacturers (e.g. light metal profiles, etc.)
- Applicable national laws and directives.

Installation

Routing dimensions



Installation



INFO

The power supply unit must not be connected to the power supply yet.

1. Carry out the routing.
2. Clean the surface.
3. Thread the cable through the routed hole.
Connect the cable of the outdoor unit to the cable of the indoor unit indoors.



INFO

With installation in the wall, the relay must be fitted in the secured area. This prevents it being tampered with from the outside.

4. Pull the protective film off the double-sided adhesive tape.
Insert the 4in1 access control system into the door leaf or the wall and adhere it.



INFO

Sealing

Press down on the 4in1 access control system evenly on all sides.

Additional sealing is recommended for textured surfaces.

5. Connect the power supply unit to the power supply.

Testing using the autotest function

Automatic testing mechanism for testing the cabling and connections with the motor lock.

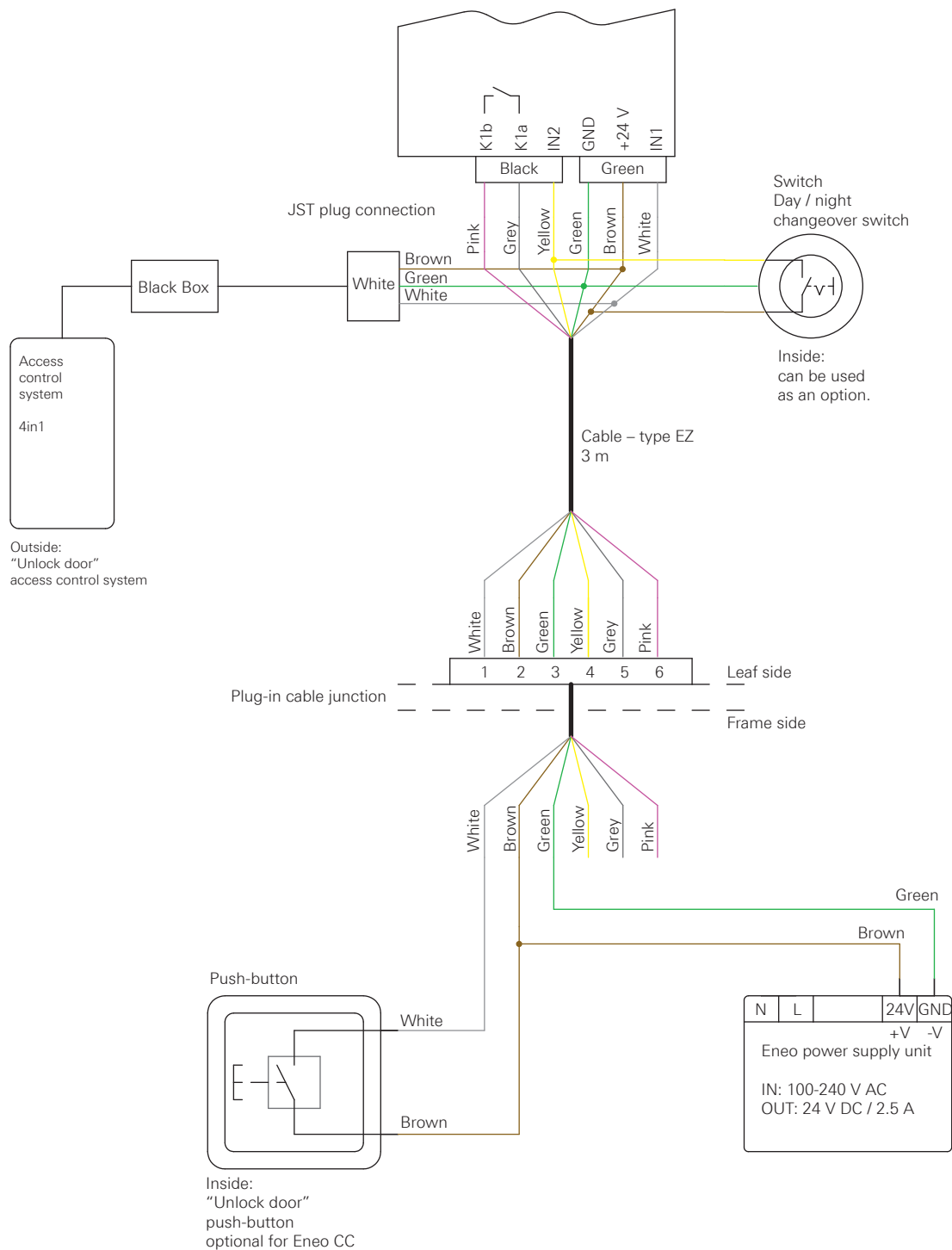
Commissioning using the app is not necessary.

There is no limit on the number of tests.

⇒ Only possible in the delivery state.

1. Enter code 123456 on the display.
2. Confirm with a tick.
⇒ The door opens.

Connection diagram (example)



Connector / cable assignment

White: IN1 / input 1 (OPEN)
 Brown: +24 V
 Green: GND
 Yellow: IN2 / input 2 (day / night changeover switch)
 Grey: K1a pot.-free contact
 Pink: K1b pot.-free contact



INFO

The yellow wire must remain unassigned; otherwise this will bridge the switch on the leaf. Terminals 5 and 6 are connected to one another internally via a relay and a 47 ohm resistor. The maximum load of the contacts is 24 V / 40 mA.

Reset (factory settings)

Black box

The black box is located indoors, where it is protected. Press the Reset button on the indoor unit (approx. 3 seconds) until two signals are emitted in quick succession.

SOREX SmartLock app

Via the first calibrated user in the app: Settings -> "Delete".

Note the device's range.

SOREX SmartLock app

The settings for 4in1 access control system can be controlled using an app.

An app is available for Android and iOS operating systems.



Fault assistance

Fault	Cause	Fault rectification
Keypad code was not accepted.	Keypad code is blocked	Before entering the code, press the "X" key on the code keypad to delete the numbers that were previously entered.
	Keys on the 4in1 access control system have previously been pressed.	
After multiple incorrect codes have been entered, the keypad will stop responding.	If an incorrect code has been entered five times, the keypad will be blocked for 5 minutes.	Wait until the blocking time has elapsed.

Technical data

Technical data	
Dimensions of outdoor unit (W x H x D)	55 x 99.8 x 19.8 mm
Operating voltage	12 V - 24 V DC, 200 mA
Relay data	1 A 250 V switching capacity
Temperature range during operation	operation: -20 to +60 °C
IP rating	IP66 (with waterproof bonding)
Storage capacity	100 fingerprints
	150 numerical codes
	200 RFID media (Mifare classic transponder)
	Unlimited eKeys
Encryption	AES 128 bit
Standards	CE conformity

Disposal

Electronic waste

Disposal of electronic waste in accordance with the legal provisions of the individual countries, for instance in accordance with EU directives (2002/95/EC: Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment, RoHS and 2002/96/EC: Directive on waste electrical and electronic equipment (WEEE)).

According to the Federal Electrical and Electronic Equipment Act (ElektroG) in Germany, waste electronic equipment must not be disposed of in household waste; it must be taken to an appropriate disposal site.



Contact

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