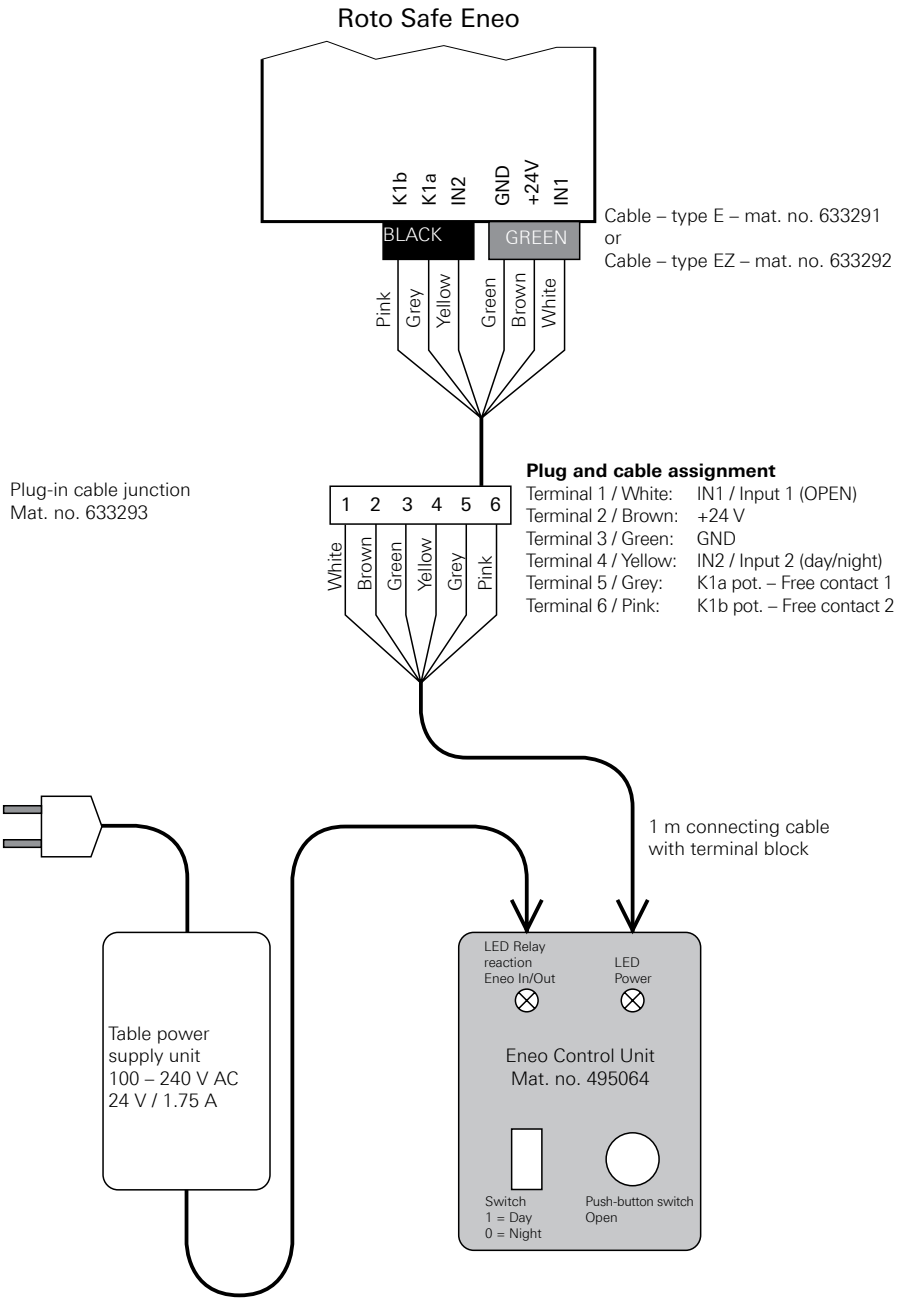

Roto Safe Eneo
K1b
K1a
IN2
GND
+24V
IN1
BLACK
GREEN
Cable – type E – mat. no. 633291
or
Cable – type EZ – mat. no. 633292
Pink
Grey
Yellow
Green
Brown
White
Plug-in cable junction
Mat. no. 633293
1 2 3 4 5 6
White
Brown
Green
Yellow
Grey
Pink
Plug and cable assignment
Terminal 1 / White: IN1 / Input 1 (OPEN)
Terminal 2 / Brown: +24 V
Terminal 3 / Green: GND
Terminal 4 / Yellow: IN2 / Input 2 (day/night)
Terminal 5 / Grey: K1a pot. – Free contact 1
Terminal 6 / Pink: K1b pot. – Free contact 2
1 m connecting cable
with terminal block
Table power
supply unit
100 – 240 V AC
24 V / 1.75 A
LED Relay
reaction
Eneo In/Out
LED
Power
Eneo Control Unit
Mat. no. 495064
Switch
1 = Day
0 = Night
Push-button switch
Open

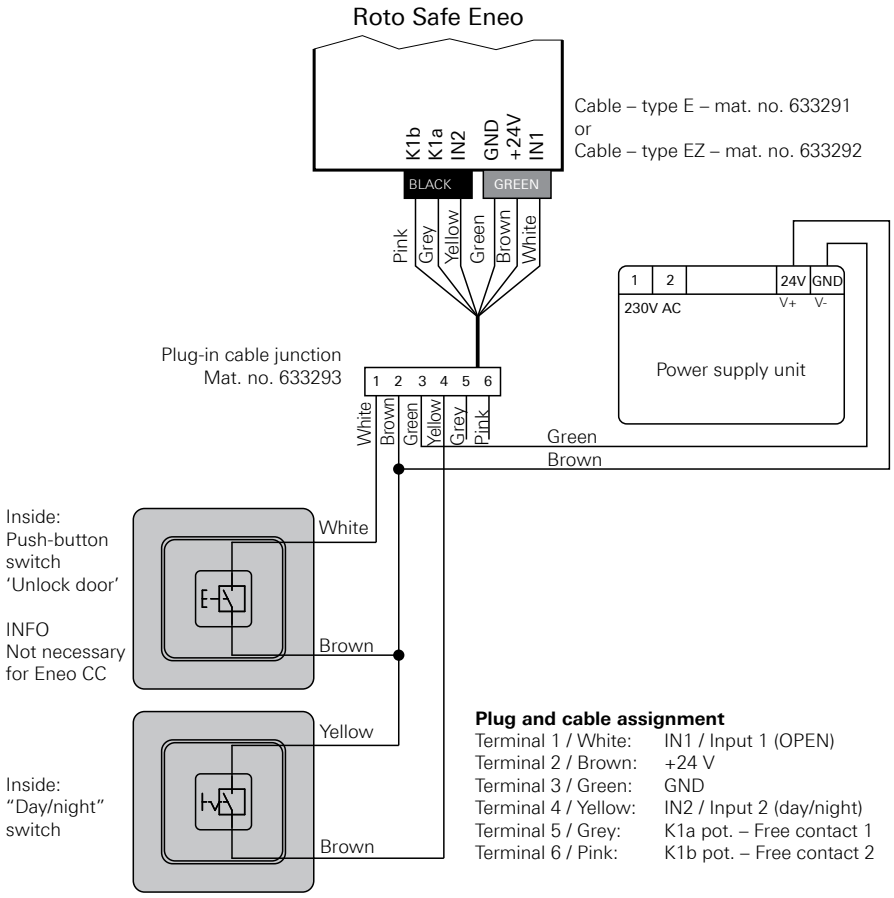
INFO

If a 24 V current is on terminal 4, the lock is in the “day operation mode”. If there is no voltage, the lock is in the “night operation mode”. To be used optionally!

Terminals 5 & 6 are internally connected to each other via a relay and a 47 ohm resistor. The contacts’ maximum load is 40 mA at 24 volt.

INFO

For more terminal diagrams, see the installation instructions IMO_310.



Plug and cable assignment

Terminal 1 / White:	IN1 / Input 1 (OPEN)
Terminal 2 / Brown:	+24 V
Terminal 3 / Green:	GND
Terminal 4 / Yellow:	IN2 / Input 2 (day/night)
Terminal 5 / Grey:	K1a pot. – Free contact 1
Terminal 6 / Pink:	K1b pot. – Free contact 2

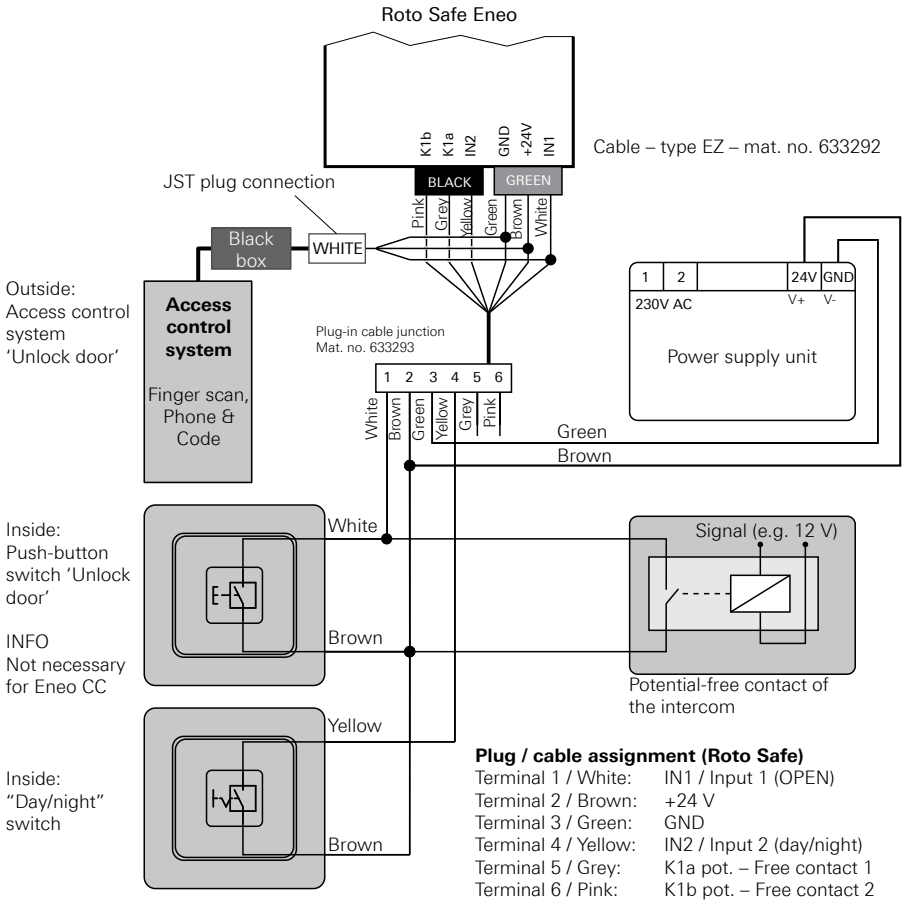
INFO

If a voltage of +24 V is present at terminal 4, the lock is in "day operation mode". If there is no voltage, the lock is in the "night operation mode". To be used optionally!

Terminals 5 & 6 are internally connected to each other via a relay and a 47 ohm resistor. The contacts' maximum load is 40 mA at 24 volt.

INFO

For more terminal diagrams, see the installation instructions IMO_310.



Plug / cable assignment (Roto Safe)

Terminal 1 / White:	IN1 / Input 1 (OPEN)
Terminal 2 / Brown:	+24 V
Terminal 3 / Green:	GND
Terminal 4 / Yellow:	IN2 / Input 2 (day/night)
Terminal 5 / Grey:	K1a pot. – Free contact 1
Terminal 6 / Pink:	K1b pot. – Free contact 2

Cable assignment

(between JST plug connection and Black box)

Yellow:	GND
Brown/White:	+24 V
Green:	Control (OPEN)

INFO

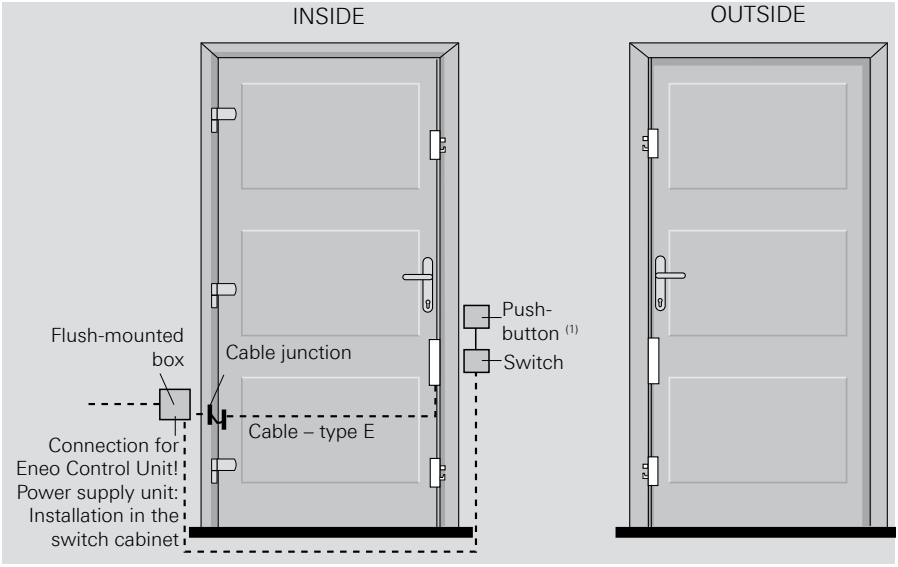
If a voltage of +24 V is present at terminal 4, the lock is in “day operation mode”. If there is no voltage, the lock is in the “night operation mode”. To be used optionally!

Terminals 5 & 6 are internally connected to each other via a relay and a 47 ohm resistor. The contacts’ maximum load is 40 mA at 24 volt.

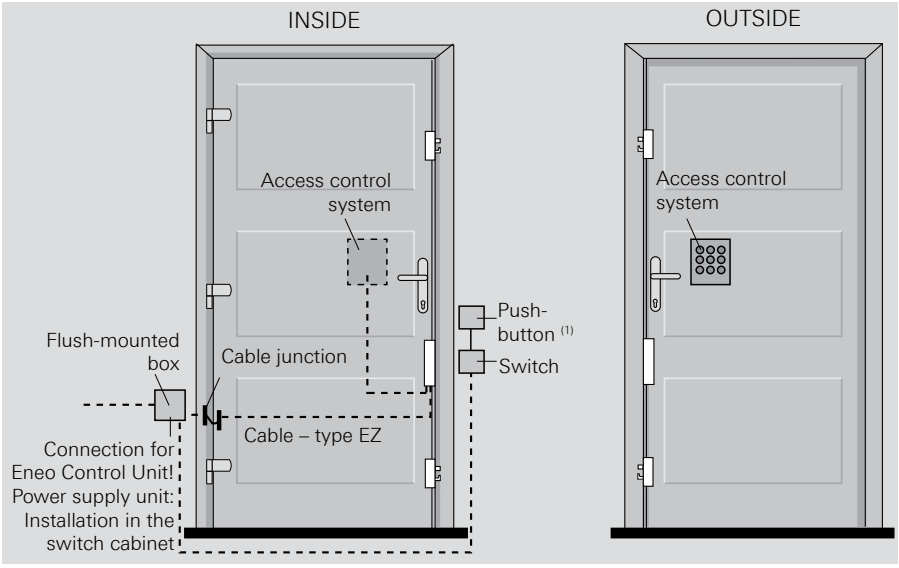
INFO

For more terminal diagrams, see the installation instructions IMO_310.

Cable – type E



Cable – type EZ



1) Not necessary for Eneo CC

Door commissioning

Before you connect Roto Safe Eneo C | CC | CF to the power supply, check the function of the Roto Safe Eneo C | CC | CF in the same way as on a mechanical multi-point locking system. The effort needed to activate the lever handle and the profile-cylinder key may not exceed the normal manual force.

The following steps are to be carried out while the power is switched off:

- **Checking the door has been installed correctly**: Check as to whether the door sash meets the frame and check the hardware and locking parts' smooth operation. Manually check the closing and opening function via both the lever handle and the key while the power is switched off.
- **The main lock must be disengaged before commissioning (only Eneo C).** The following steps are to be observed: Unlock the door completely. Close the door, turn the key until the end stop (approx. 2 full turns) and then remove the key. The main lock is disconnected and an electromechanical operating mode is then possible.
- **The electromechanical operational test** can be carried out with the Eneo Control Unit.

INFO

Refer to Page 73 for an overview of possible error prompts.