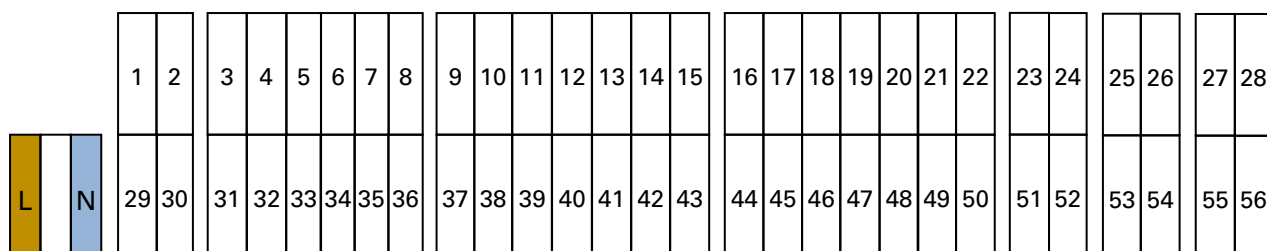


# ControlBox 400 - Installation



## Power

L – Line  
(x – x)  
N – Neutral

100-240 Vac  
50-60 Hz

## Relay 1

3 – COM  
4 – NC  
5 – NO

## Relay 3

31 – COM  
32 – NC  
33 – NO

## Relay 2

6 – COM  
7 – NC  
8 – NO

## Relay 4

34 – COM  
35 – NC  
36 – NO

## Outside/Entry card reader 1A

9 – Black/GND  
10 – Red/24Vdc  
11 – Grey  
12 – Pink  
13 – Blue  
14 – Brown  
15 – Yellow

## Outside/Entry card reader 1B

37 – Black/GND  
38 – Red/24Vdc  
39 – Grey  
40 – Pink  
41 – Blue  
42 – Brown  
43 – Yellow

## Inside/Exit push button

23 – NO  
24 – GND

## Turnstile rotation sensor entry

51 – NO when rotor is at start position  
52 – GND

## Inside/Exit card reader 2A

16 – Black/GND  
17 – Red/24Vdc  
18 – Grey  
19 – Pink  
20 – Blue  
21 – Brown  
22 – Yellow

## Inside/Exit card reader 2B

44 – Black/GND  
45 – Red/24Vdc  
46 – Grey  
47 – Pink  
48 – Blue  
49 – Brown  
50 – Yellow

## Outside/Entry push button

25 – NO  
26 – GND

## Turnstile rotation sensor exit

53 – NO when rotor is at start position  
54 – GND

## Door/gate sensor

53 – NC when door/gate is closed  
54 – GND

## Container bolt sensor

51 – NC when bolt is fully extended  
52 – GND

## Container status LED

2 – LED+  
27 – LED-



**The installation must allow an emergency evacuation in case of fire, power failure and other hazards!**

Please note that local laws and regulations may apply.

## Power to lock

To power an electrical 24V lock a total of 0.25A can be taken from either terminal 2 or 30.

Do not use terminal 10, 17, 38 or 45 as they can only supply enough power for a card reader or LED.

Only use electrical locks with built-in diode.