

# RCB Controlbox Installation

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
L	N	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44

## Power

L – Line  
(x – x)  
N – Neutral

100-240Vac  
50-60 Hz

## Relay 1

3 – COM  
4 – NC  
5 – NO

## Relay 3

25 – COM  
26 – NC  
27 – NO

## Relay 2

6 – COM  
7 – NC  
8 – NO

## Relay 4

28 – COM  
29 – NC  
30 – NO

## Outside/Entry card reader1A

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

## Inside/Exit card reader2A

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

## Outside/Entry push button

31 – GND  
35 – NO

## Turnstile rotation sensor entry

31 – GND  
36 – NO when rotor is at start position

## Inside/Exit push button

38 – GND  
42 – NO

## Turnstile rotation sensor exit

38 – GND  
43 – NO when rotor is at start position

## Door/gate sensor

38 – GND  
43 – NC when door/gate is closed



**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 a n electrical 24V lock a total of 0.25A can be taken from either terminal 10 or 17.

Do not use terminal 32 or 39 as they can only supply enough power for a card reader or LED.

Only use e lectrical locks with buil t-in diode.

It is only possible to connect two reader s to each Control box.