

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
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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

100-240 Vac

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 reader 1A

9 – Black/GND

10 – Red/24Vdc

11 – Grey

12 – Pink

13 – Blue

14 – Brown

15 – Yellow

Inside/Exit card reader 2A

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 an 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 electrical locks with built-in diode.

It is only possible to connect two readers to each Controlbox.

infobric.