

ControlBox400-Installation

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
L	N	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56

Power

L – Line
(x – x)
N – Neutral

100-240Vac
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 reader1A

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

Outside/Entry card reader1B

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

Inside/Exit card reader2A

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

Inside/Exit card reader2B

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

Container bolt sensor

51 – NC when bolt is fully extended
52 – GND

Container statusLED

2 – LED+
27 – LED-

Inside/Exit push button

23 – NO
24 – GND

Turnstile rotation sensor entry

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

Outside/Entry push button

25 – NO
26 – GND

Turnstile rotation sensor exit

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



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.

Door/gate sensor

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