



ITALIAN STYLE FOR LIFTS

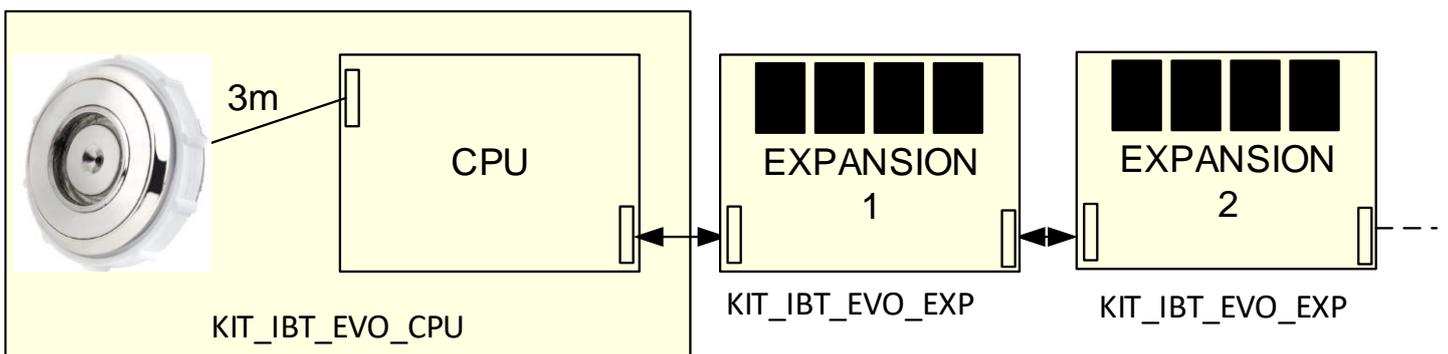
IBUTTON EVO

ENGLISH

HW_V.3

FW_0.9

Rev. 05



MAX 8 EXPANSIONS!

CODES :

KIT_IBT_EVO_CPU: CPU Board (1 output) + iButton reader + 3 m cable;

KIT_IBT_EVO_EXP: Expansion board for CPU, each board supports 4 programmable relay outputs;

KIT_IBT_EVO_SW: PC software for keys programming (+ cables for PC);

KEYS: IBUTTON MASTER KEY

Red key, Master



IBUTTON BLACK KEY

Black key, user (Slave)



IBUTTON BACKUP KEY

Yellow key, backup.



Max. number of programmable keys: 496

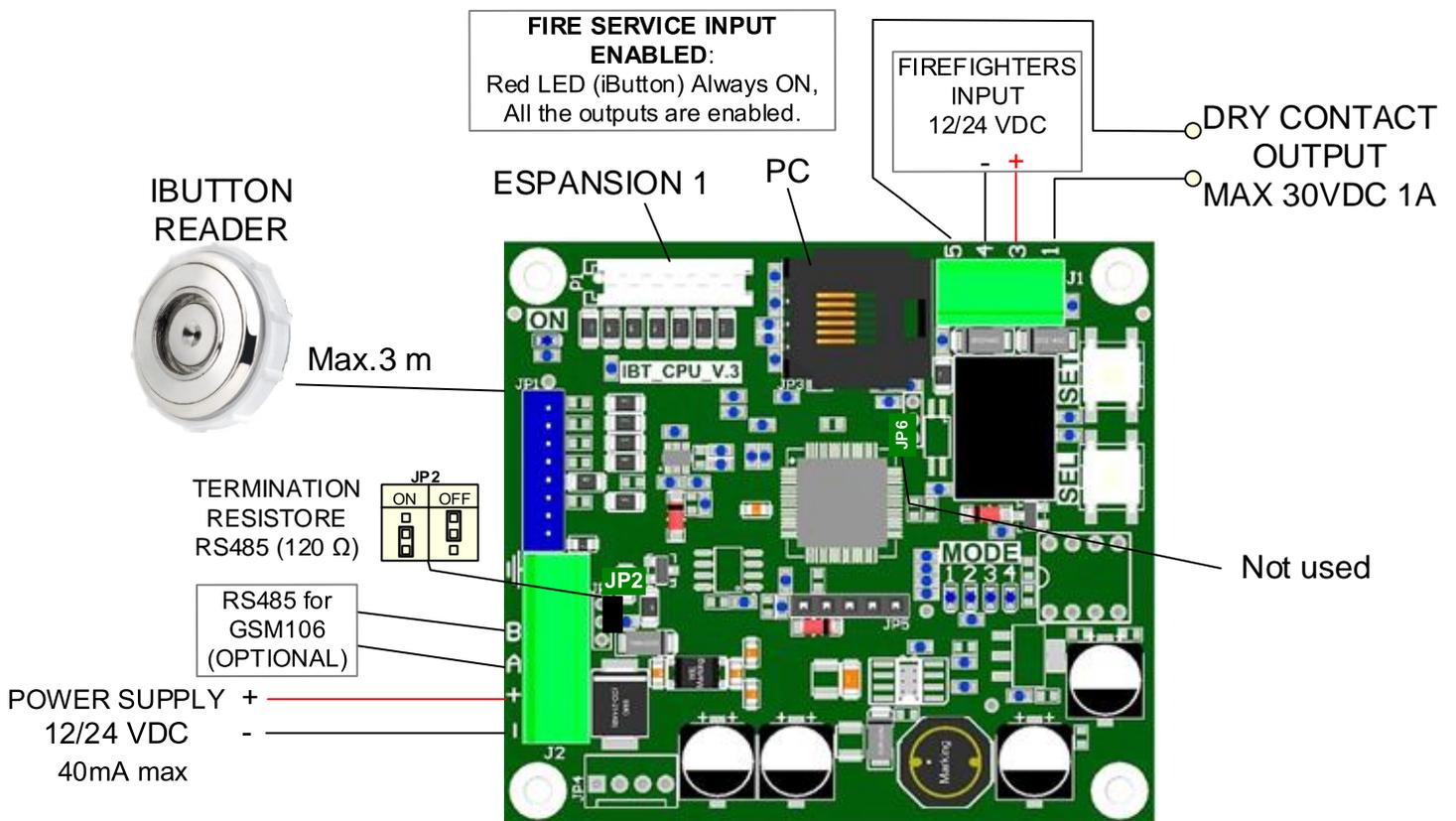
1 INTRODUCTION

The iButtonEVO is a board for accesses control.

It is possible to program some keys to enable / disable specific outputs (pushbuttons).

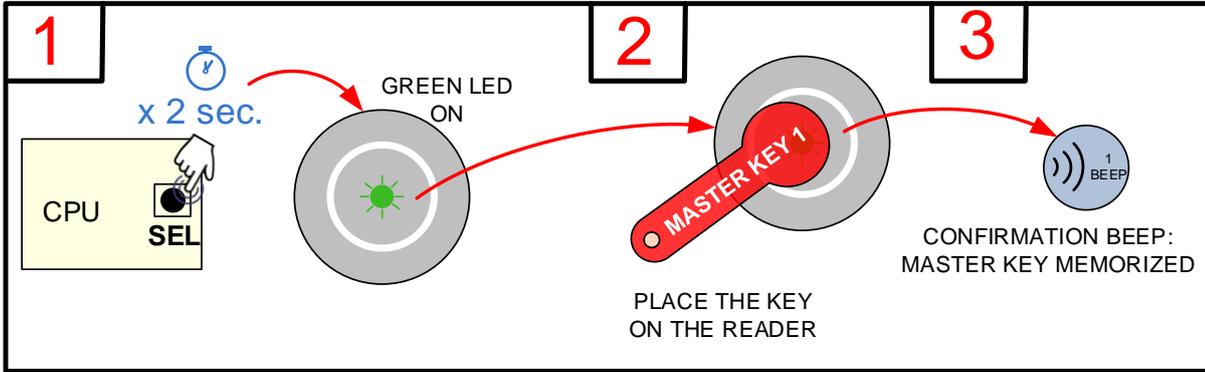
You can use just a contact to lock a floor / the whole button panel (KIT_IBT_EVO_CPU), or associate more pushbuttons to each key (1 KIT_IBT_EVO_EXP each 4 pushbuttons).

2 CPU BOARD PINOUT



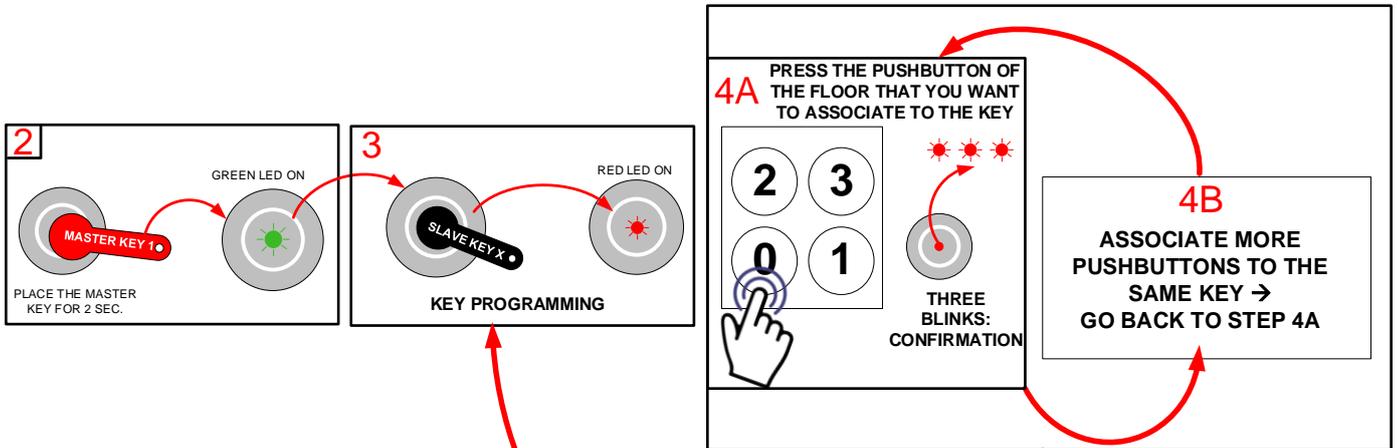
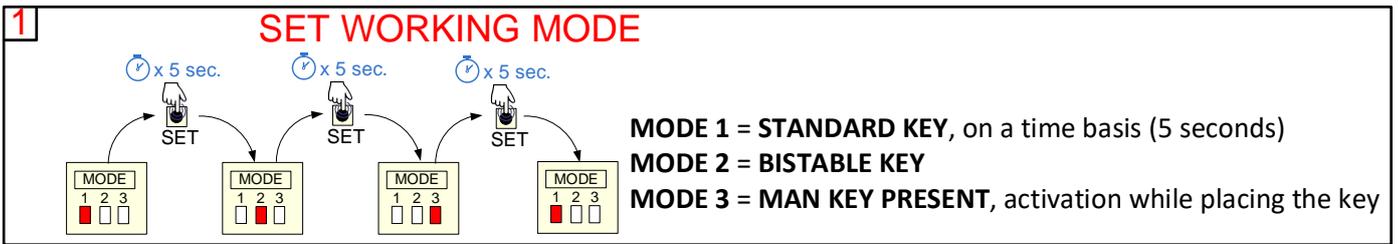
3 PROGRAMMING

MASTER KEY (RED)

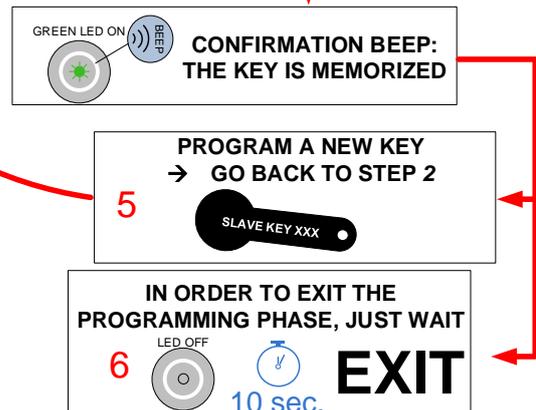


SLAVE KEYS (BLACK)

The keys working mode (**LED MODE**) is set during the programming phase.

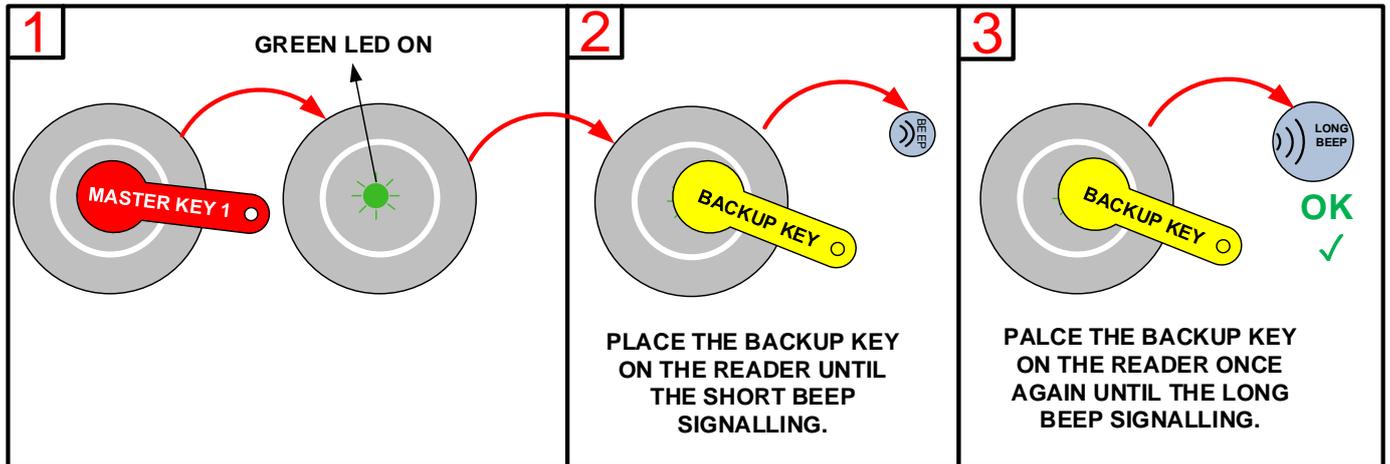


NOTE (STEP 4A):
THE PUSBUTTON PRESSURE MUST CORRESPOND TO THE CLOSURE OF THE CONTACTS +9V and CPx



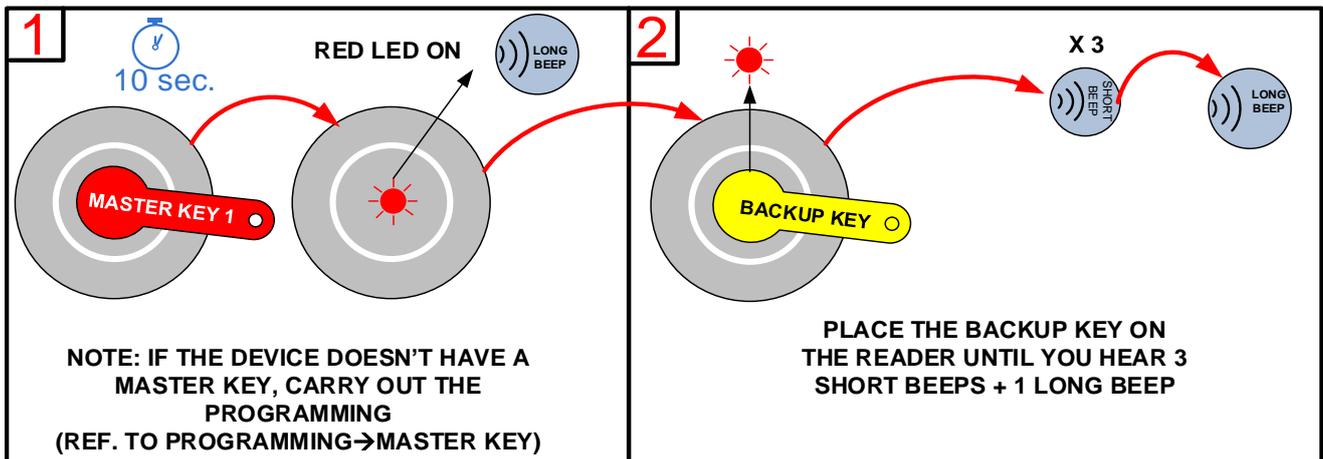
4 BACKUP

EXPORT: BACKUP COPY FROM CPU MEMORY TO BACKUP KEY (YELLOW):



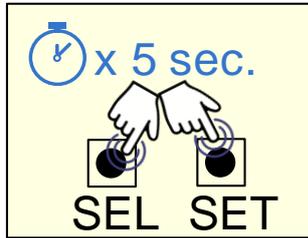
IF THE LONG BEEP DIDN'T START, GO BACK AND REPEAT TO POINT 3

IMPORT BACKUP KEY: FROM KEY TO CP



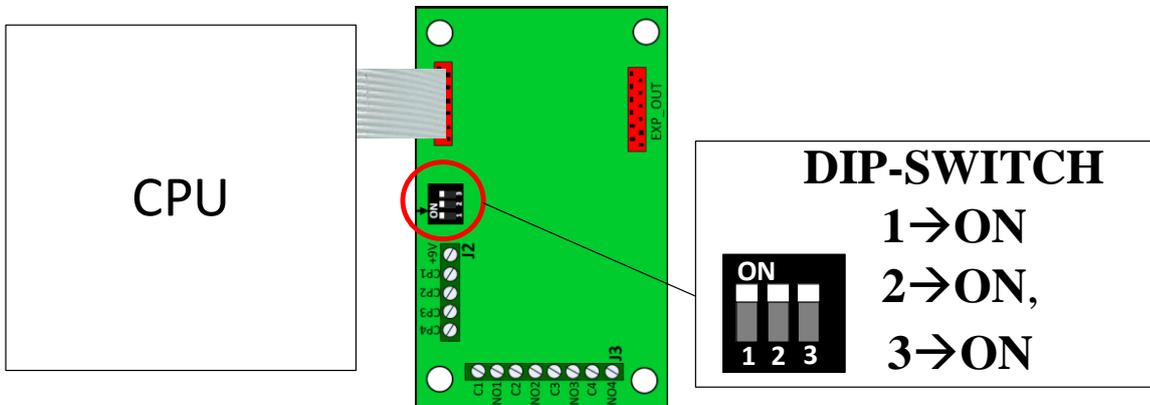
IF YOU DON'T HEAR THE 3 SHORT BEEPS, REPEAT FROM POINT 1.

5 MEMORY CLEARANCE (DEFAULT)

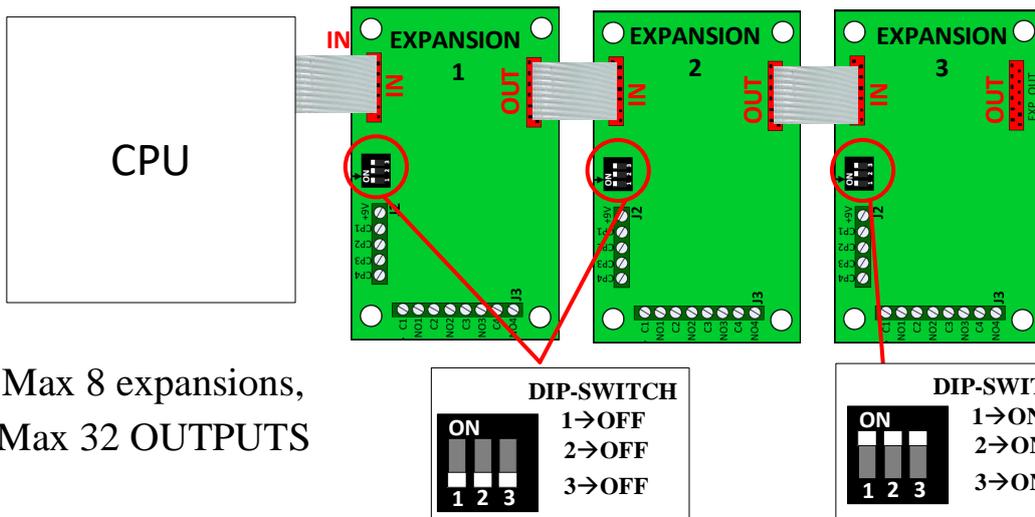


6 EXPANSIONS CONNECTION

EXAMPLE WITH 1 EXPANSION (4 OUTPUTS):



EXAMPLE WITH 3 EXPANSIONS (12 OUTPUTS):

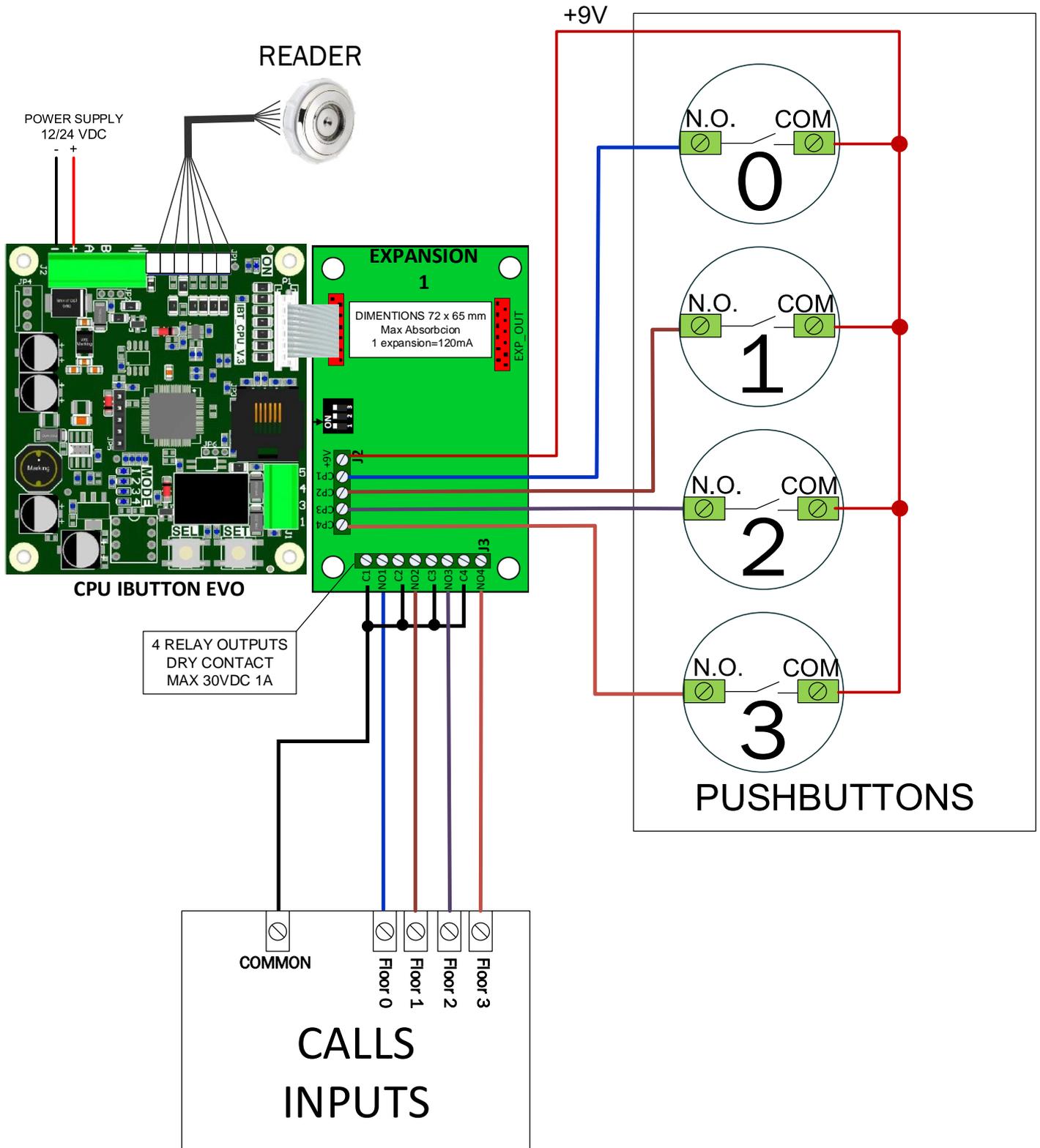


NOTE:
TURN ALL THE
DIP-SWITCHES ON,
ONLY ON THE LAST
EXPANSION.

Max 8 expansions,
Max 32 OUTPUTS

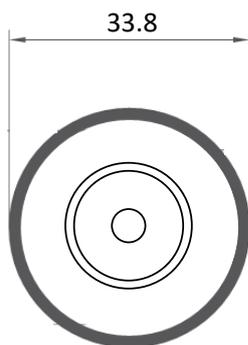
NOTE:
ONCE THE DIP-SWITCHES ARE SET,
IT IS NECESSARY TO POWER CYCLE THE CPU POWER SUPPLY !

7 CONNECTION SCHEME

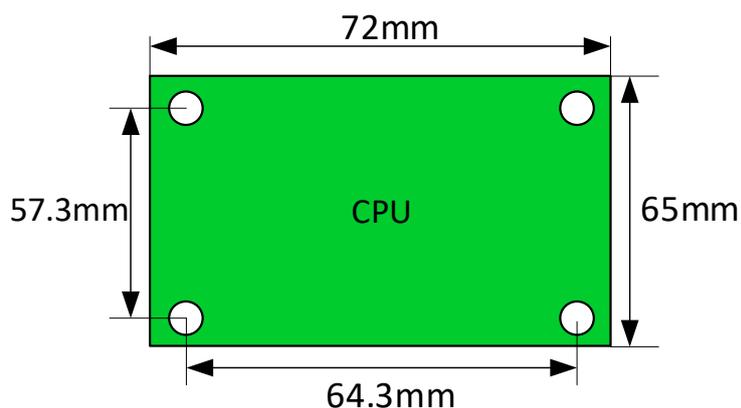
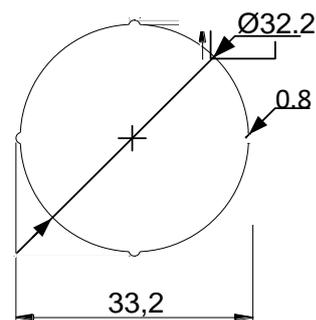


8 DIMENSIONS

IBUTTON READER



IBUTTON READER CUTOUT



READ THE CLEANING

WARNINGS CAREFULLY !!!

Our buttons must be cleaned only and exclusively with a COTTON CLOTH AND HOT WATER !!!

Avoid any use of chemicals, especially for plastic surfaces.



Many Vega products are made of polycarbonate, ABS, methacrylate or nylon 66. The use of cleaning products containing even minimally ammonia, hydrocarbons, caustic soda, hydrochloric acid, nitric acid, acetic acid, ethyl alcohol, methyl alcohol are absolutely prohibited.

9 IP ADDRESS (for cloud)

DEFAULT "ID" ADDRESS: 0

ADDRESS CHANGE PROCEDURE:

1 PRESS "SET" 3 TIMES



2 PRESS N° TIMES "SEL", DEPENDING ON THE ID NUMBER

" " NO PRESSURE → ID 0



.....
ID 0 = no pressure; ID 4 = 4 pressures
ID 1 = 1 pressures; ID 5 = 5 pressures
ID 2 = 2 pressures; ID 6 = 6 pressures;
ID 3 = 3 pressures; ID 7 = 7 pressures;

3 PRESS "SET" TO SAVE THE ID NUMBER



VEGA[®]
ITALIAN STYLE FOR LIFTS

Vega Srl

Via degli Appennini 11/13
Capparruccia - 63845 Ponzano di Fermo (AP) – Italy

P.Iva 01578140442

Tel. +39 0734. 631941 Interno 1 Fax +39 0734. 636098

Interno assistenza: +39 0734. 275405

www.vegalift.it