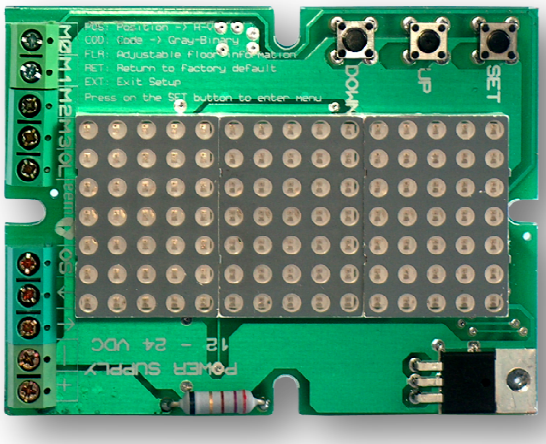
EEM Imp. Exp. Trade. Co.

LIFT CONTROLLER SYSTEM



MATRIX

Matrix Display Board

MATRIX, floor and car display system that is used in elevators. Using for show floor information, out of service and overloaded image. Floor information is optional for every floor. Selected Gray code, Binary code and Counter mode as floor selector. Floor selector set as Gray code(GRY), Binary code(BIN) and Counter mode(CNT) using with COD screen that is in menu. Display position can be selected vertical(V) or horizantal(H) position using with POS screen that is in menu. For every floor you can select floor information using with FLR screen that is in menu.

MATRIX Board Connection Terminal and Meanings

M0 : M0 signal for Gray and Binary code

M1 : M1 signal for Gray and Binary code, M1 for Counter mode

M2 : M2 signal for Gray and Binary code, 817 for Counter mode

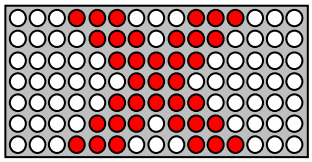
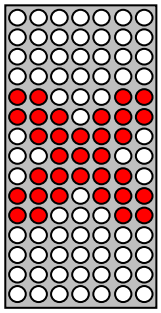
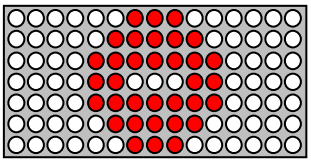
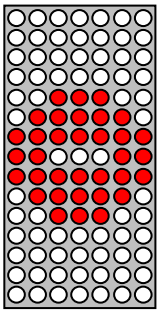
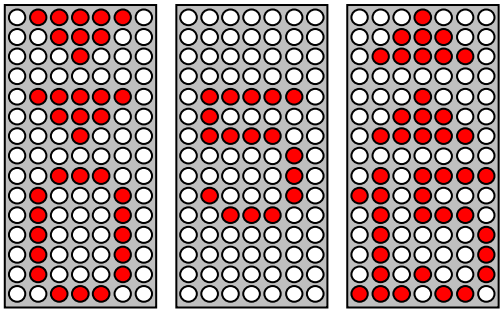
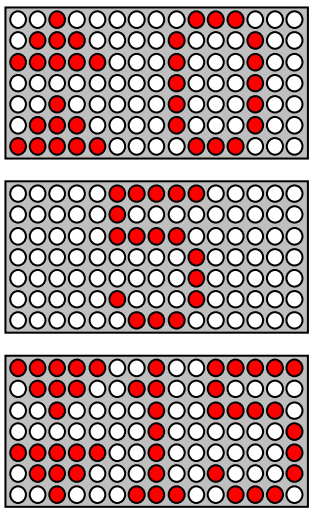
M3 : M3 signal for Gray and Binary code

OS : Out of service signal

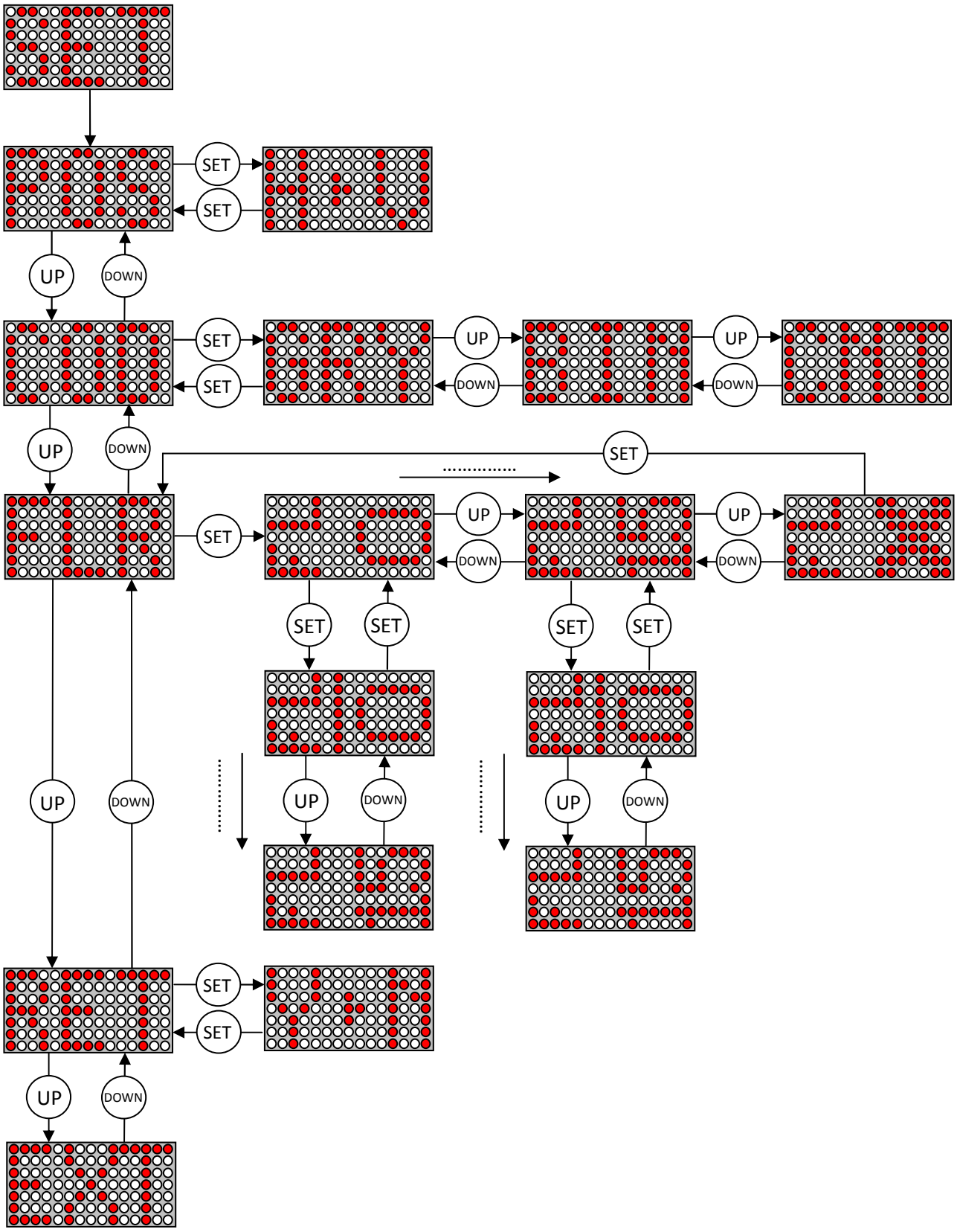
OL : Overloaded signal

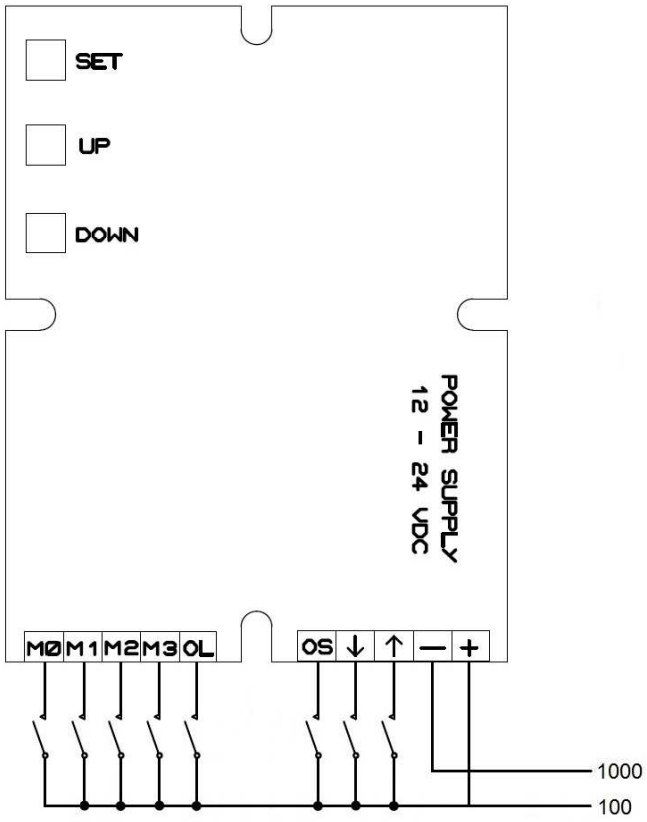
UP ARROW : Up arrow signal

DOWN ARROW : Down arrow signal

	Out of service notice in horizontal position
	Out of service notice in vertical position
	Overloaded notice in horizontal position
	Overloaded notice in vertical position
	Screen display in vertical position
	Screen display in horizontal position

Menu Diagram On Screen





OL: Overloaded Signal
OS: Out of Service Signal
1000: Power Supply (-) Terminal
100: Power Supply (+) Terminal (12VDC-30VDC)

In system that use Gray code as floor selection

1. Set position GRY in COD screen.
2. Set position H or V in POS screen.
3. Connect M0 signal to M0 terminal.
4. Connect M1 signal to M1 terminal.
5. Connect M2 signal to M2 terminal.
6. Connect M3 signal to M3 terminal.
7. Connect 804 signal to OL terminal.
8. Connect 02 signal to OS terminal.
9. Connect 031 signal to down arrow terminal.
10. Connect 032 signal to up arrow terminal.
11. Connect 1000 cable to 1000 terminal.
12. Connect 100 cable to 100 terminal.

In system that use Binary code as floor selection

1. Set position BIN in COD screen.
2. Set position H or V in POS screen.
3. Connect M0 signal to M0 terminal.
4. Connect M1 signal to M1 terminal.
5. Connect M2 signal to M2 terminal.
6. Connect M3 signal to M3 terminal.
7. Connect 804 signal to OL terminal.
8. Connect 02 signal to OS terminal.
9. Connect 031 signal to down arrow terminal.
10. Connect 032 signal to up arrow terminal.
11. Connect 1000 cable to 1000 terminal.
12. Connect 100 cable to 100 terminal.

In system that use Counter as floor selection

1. Set position CNT in COD screen.
2. Set position H or V in POS screen.
3. Connect M1 signal to M1 terminal.
4. Connect 817 signal to M2 terminal.
5. Connect 804 signal to OL terminal.
6. Connect 02 signal to OS terminal.
7. Connect 031 signal to down arrow terminal.
8. Connect 032 signal to up arrow terminal.
9. Connect 1000 cable to 1000 terminal.
10. Connect 100 cable to 100 terminal.

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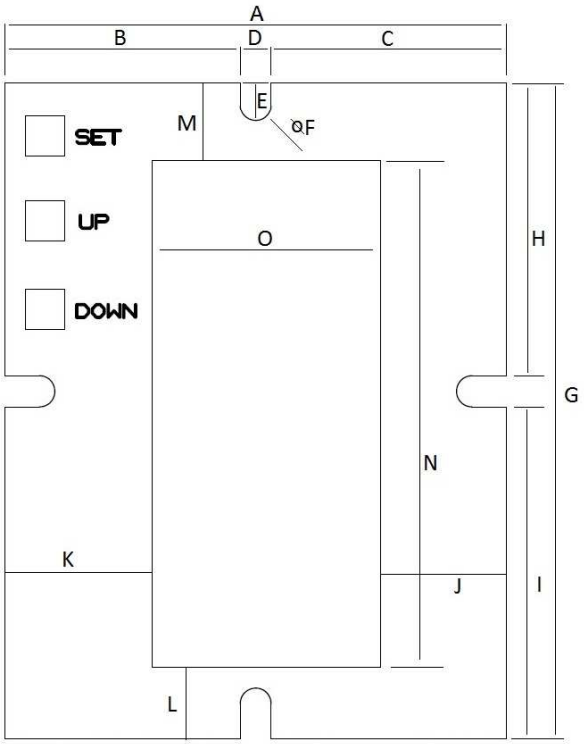
Project Name	MATRIX Display Board Connection	CE		Drawer	HÜ
Drawing Name	MATRIX board connection when using floor selector as Gray code, Binary code and Counter mode			Controller	BA
Description		Version 1.00	Date 03.02.2014	Drawing No 1A	Page 1



Technical Specification (All dimensions are milimeter)	
A	65
B	30.5
C	30.5
D	3
E	5
F	4
G	85
H	38
I	43
J	17
K	17
L	12
M	5
N	68
O	32

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Project Name	MATRIX Display Board	CE		Drawer	HÜ
Drawing Name	MATRIX display board technical specification			Controller	BA
Description		Version 1.00	Date 03.02.2014	Drawing No 1A	Page 2