

MOVE WITH SMART TECHNOLOGY

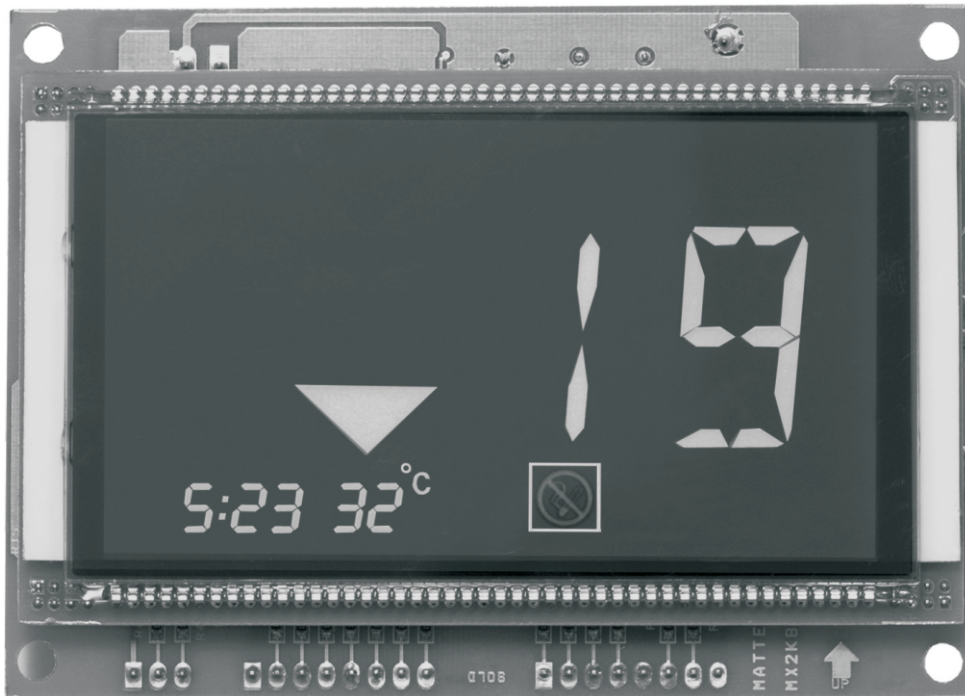
MATTEX™

ELEVATOR DISPLAY UNIT



SEGMENT LCD DISPLAY 0 - 99 FLOOR MX2K1001011H .

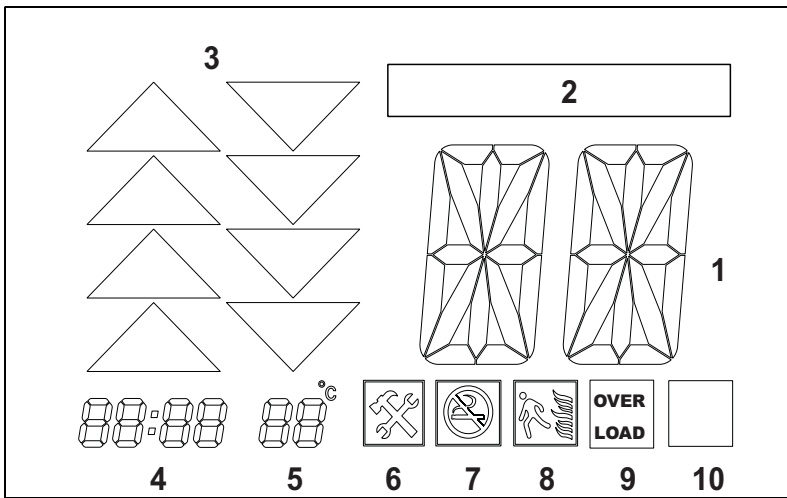
Floor, up/down, Time, Temperature etc. indicator unit .



Two wire communication system. This will reduce your cable cost, labour charge and maintenance.

SPECIFICATIONS:-

- 1, 10v to 28v dc < 150ma Power Supply
- 2, Floor indication 0-99 floor.
- 3, Up / down arrow indication
- 4, Display:- 1.8 inch .
- 5, Input signal from your unit to indicator unit via 7 segment, binary & serial (selectable on field) .
- 6, This unit can also display alphabets as per your requirement . Built in b, c, g, p, t.
PCB size & mounting holes are given .



- 1:- Floor indication two digits .
- 2:- Customer Name display area.
- 3:- UP / Down running arrow group.
- 4:- Real time.
- 5:- Temperature.
- 6:- Maintenance symbol.
- 7:- Non smoking symbol.
- 8:- Fire symbol.
- 9:- Over load symbol.
- 10:- Customer logo display area.

Our LCD modules are working in low power, low temperature generating, large size of display and colour combination for the better view. It shows the real time, hour and minutes. User can set with the help of keys provided on PCB (set or inc keys). Our LCD will show the temperature indication 0 to 60 °C with accuracy of 1 °C +/- . This sensor is provided on the PCB with connector and wire.

SWITCH (SW3)

SA ON NAME ON
 SA OFF NAME OFF

LCD MODULE MODE SETTING SWITCH FUNCTION (SW3)

MODE 1:- SB - off, SC - off

LCD module interface with 7 segment input signal, up/dn, maintenance, fire, overload, and second digit b1 & c1. This inputs are access with the LCD module PCB connector.

MODE 2:- SB - on, SC - off

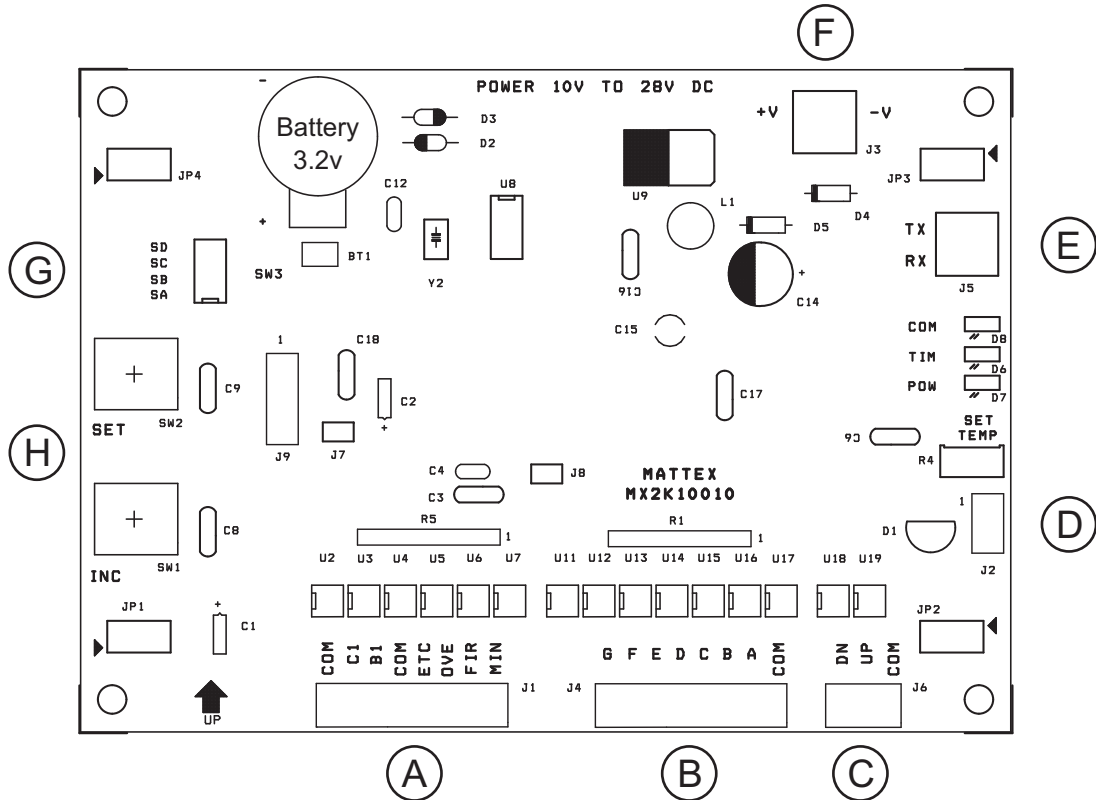
LCD module can interface with binary input signal. up/dn, maintenance, fire, overload, and second digit b1 & c1. This inputs are access with the LCD module PCB connector.

MODE 3:- SB - off, SC - on

LCD module interface with serial communication (2 wire interface). this mode will work with master card. All signal from the main panel to the master card. master card will convert the signal to serial and interface with LCD module.

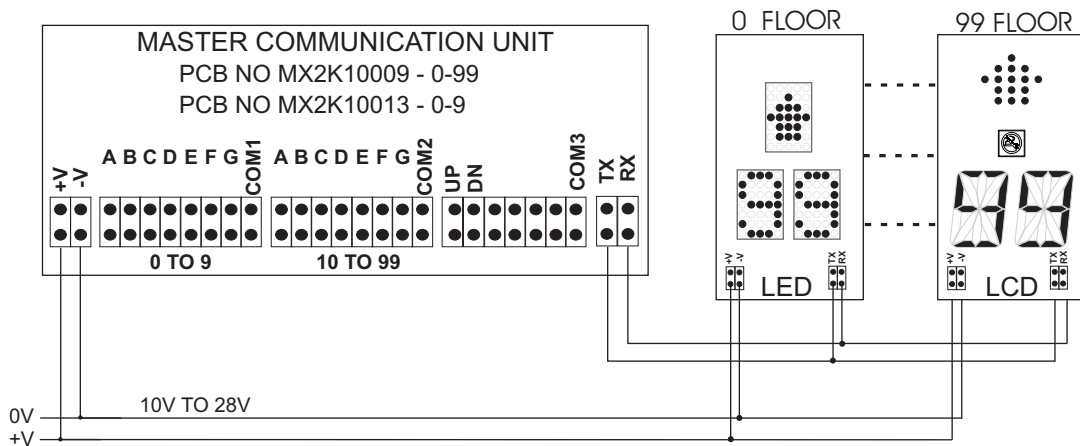
MODE 4:- SB - on, SC - on

demonstration mode. this mode will demonstrate the LCD module with out any interfacing signal.



- A, Floor 10 to 19, fire, maintenance & overload input connector.
- B, Floor signal connector.
- C, Up / down signal connector.
- D, Temperature sensor and Temperature setting preset.
- E, Tx & Rx serial communication connector.
- F, Power connector.
- G, LCD combination selector dip switch.
- H, Real Time setting keys.

Two Wire Communication System .
All Signals From Master Unit To Indicator Unit Via Tx & Rx Connector .



NB :- COMMUNICATION CABLE (TX, RX) SHOULD BE TWISTED WIRE CABLE 'OR' SEPARATED FROM OTHER POWER CABLES.

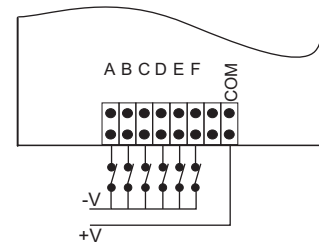
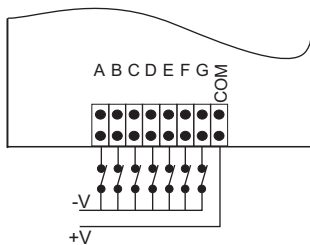


SWITCH SD (SW3)

LCD module interface with 7 segment or binary input signal (mode1 & mode 2). The second digit b1 & c1 is act according to SD switch position. The table is given below .

BINARY / 7 SEGMENT INPUT			
SD	C1	B1	
on	0	0	Blank
on	0	1	B
on	1	0	G
on	1	1	-

BINARY / 7 SEGMENT INPUT			
SD	C1	B1	
off	0	0	Blank
off	0	1	1
off	1	0	2
off	1	1	-



7 SEGMENT INPUT							
G	F	E	D	C	B	A	
0	1	1	1	1	1	1	0
0	0	0	0	1	1	0	1
1	0	1	1	0	1	1	2
1	0	0	1	1	1	1	3
1	1	0	0	1	1	0	4
1	1	0	1	1	0	1	5
1	1	1	1	1	0	1	6
0	0	0	0	1	1	1	7
1	1	1	1	1	1	1	8
1	1	0	1	1	1	1	9
1	1	1	1	1	0	0	b
0	1	1	1	0	0	1	C
0	1	1	1	1	0	1	G
1	1	1	0	0	1	1	P
1	1	1	1	0	0	0	t
0	0	0	0	0	0	0	Blank

0 = OPEN
1 = CLOSE

BINARY INPUT						
F	E	D	C	B	A	
1	1	1	1	1	1	0
0	0	0	0	0	1	1
0	0	0	0	1	0	2
0	0	0	0	1	1	3
0	0	0	1	0	0	4
0	0	0	1	0	1	5
0	0	0	1	1	0	6
0	0	0	1	1	1	7
0	0	1	0	0	0	8
0	0	1	0	0	1	9
⋮	⋮	⋮	⋮	⋮	⋮	
1	1	1	0	0	0	56
1	1	1	0	0	1	57
1	1	1	0	1	0	b
1	1	1	0	1	1	C
1	1	1	1	0	0	G
1	1	1	1	0	1	P
1	1	1	1	1	0	t
0	0	0	0	0	0	Blank

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