Product : 7 x 30 dot matrix display

Basic specifications

- 5mmx 5mm square (Red colour) dot 7x5 modules 6 in row
- View dimensions 55 mm X 235 mm
- PCB dimensions 80 mm x 235 mm
- Face plate size 100 mm x 300 mm SS 304, 2.5 mm thick brush finish with 2 Sunken screw
- Supply voltage 24 V DC

Input signal Active High 24 Volt	Input signal Grey code for floor indication and direction arrow
Discreet signal for Active High/low 24 selectable on selector switch	Floor indication Direction arrow Up and Down, Out of service, Fire, under maintenance, overload, (If any other required please specify
Output	Floor indication as per code table in scrolling format.

Harness requirements

Harness with following length and cable connector will be provided along with all display

0.5 sqmm 10 core harness with JST female connector for 2.54mm pitch 4 meters length – Quantity 01
0.5 sqmm 2 core harness with JST female connector for 2.54 mm pitch 4 meters length – Quantity 01
0.5 sqmm 1 core harness with Wago Female connector for 3.5mm pitch 10 meters – quantity 8

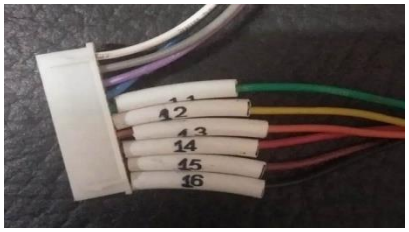
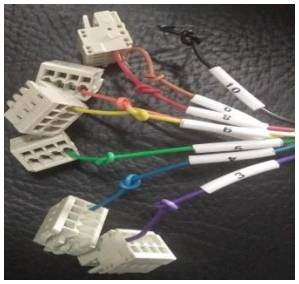
Important for proper functioning of display

1 It is important to connect earning to Box
2 Grey code, Up down and discreet shall either be connected to High or low and cannot be open/non connected or floating. Display will not function unless these conditions are met.

Connection details

Grounding Point

1 There are two harness for the box one harness has Grey code and power supply combine while other is meant for discreet signals.

		
Power supply connetor	Grey code connector	Dicreet input connector

Connection Table

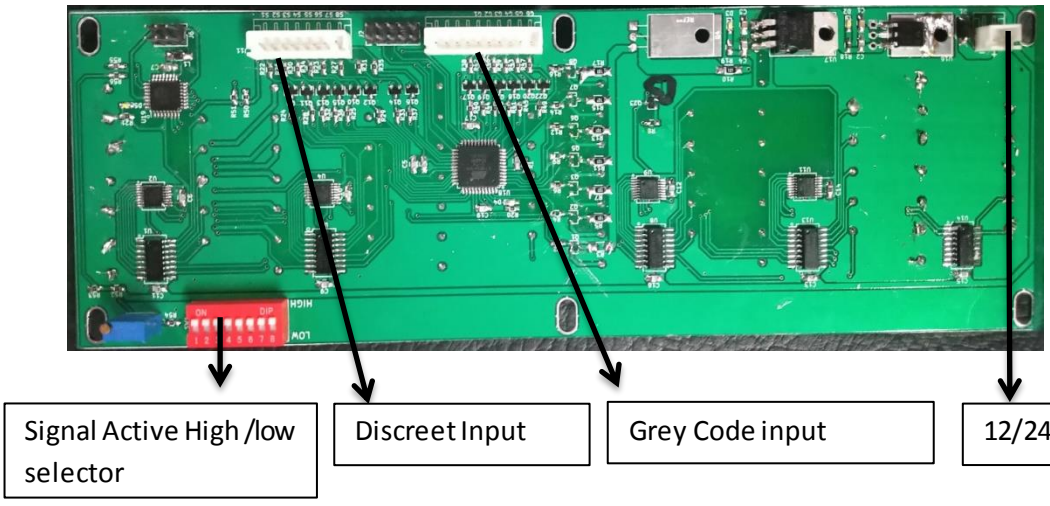
Harness 1 : This is 10 meter length which has Wago connector for discreet input and Up down arrow. Details s below

Ferrule No	Connection
3	Car Overload
4	Out of Service
5	Seismic Operation
6	Fire Operation
7	Automatic Rescue
8	Under Maintenance
9	Up
10	Down

Harness 2 : This is 4 meter length with JIS connector this is for grey code input.
Details as below.

Ferrule No	Input
1	12/24 V positive
2	12/24 V negative
11	Grey code Input
12	Grey Code Input
13	Grey Code Input
14	Grey Code Input
15	Grey Code Input
16	Grey Code input
	Other not unused

PCB View

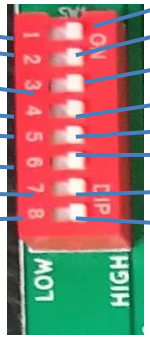


Grey code table

Sample 1					
Floor designation	Scrolling Text for floor designation	Gray code bit			
		VICS 3	VICS 2	VICS 1	VICS 0
G	Ground floor	0	0	0	1
1	First floor	0	0	1	1
2	Second floor	0	0	1	0
3	Third floor	0	1	1	0

For Second 2					
Floor designation	Scrolling Text for floor designation	Gray code bit			
		VICS 3	VICS 2	VICS 1	VICS 0
G	Ground	0	0	0	1
1	Concourse	0	0	1	1
2	Subway	0	0	1	0
3	Platform	0	1	1	0

DIP switch function

DIP switch off is Active Low Input signal voltage 0V		DIP switch ON Active High Input signal voltage 12 /24V
1 Car Overload 2 Out of service 3 Seismic Operation 4 Fire Operation 5 Automatic Rescue device 6 Under Maintenance 7 Up/Down Input 8 Grey Code signal		1 Car Overload 2 Out of service 3 Seismic Operation 4 Fire Operation 5 Automatic Rescue device 6 Under Maintenance 7 Up/Down Input 8 Grey Code signal

For any more information on the product please write to sales@elevatech.in or call us on 9892900660.