

POSITION INDICATOR

TAL6

Model : TAL6

DATA SHEET

- ❖ 7 Segment Display.
- ❖ Red Display.
- ❖ Binary and Gray Signalling.
- ❖ Active high or Active low inputs.

Description

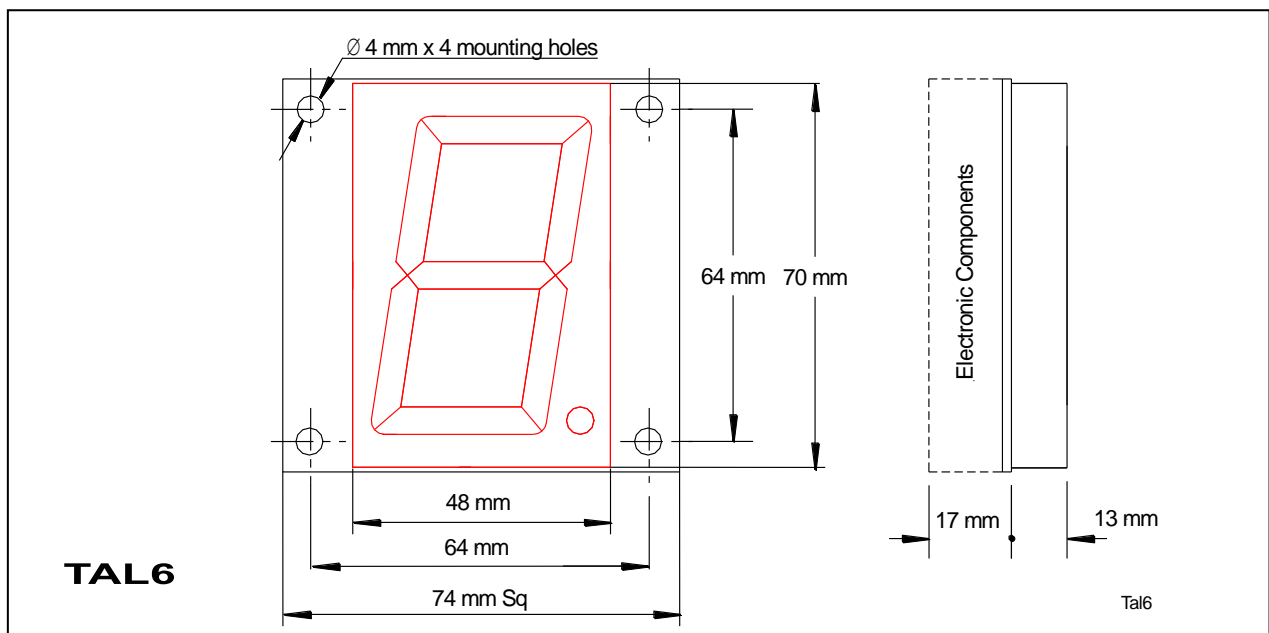
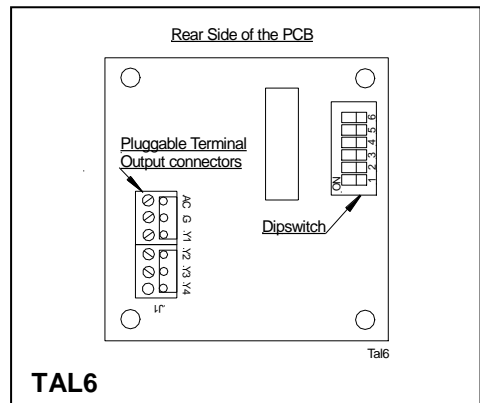
The TAL6 is a position indicator for elevators, it is designed to display the current floor position of the elevator. Display is available in red.

Wire connection to TAL6

Y1...Y4 : 4 Bit Binary or Gray combination for floor display selection.

AC : Supply, 24V DCm

G : 24V DC Return.



Specifications

Power supply	12 to 30V DCm.
Current consumption	50mA
Signalization	4 wires, Y1 Y4 Binary or Gray code
Display	One digit 7 segments red colored.
Input threshold, all inputs	0V DC - 6V DC = "0" 8V DC - 24V DC = "1", High Impedance.
Weight	76 grams.

Display Options

The following are the display options according to the Dipswitch settings where 0 = OFF and 1 = ON.

N o	Dipswitch Position						Display Sequence
	1	2	3	4	5	6	
1	0	0	0	0	0	0	0, 1, 2, 3,, 9.
2	0	0	0	0	0	1	ḡ, 1, 2, 3,, 9.
3	0	0	0	0	1	0	ḡ, 1, 2, 3,, 9.
4	0	0	0	0	1	1	P, L, 0, 1, 2, 3,, 9.
5	0	0	0	1	0	0	n, ḡ, 1, 2, 3,, 9.
6	0	0	0	1	0	1	0, ḡ, 1, 2, 3,, 9.
7	0	0	0	1	1	0	0, 1, 3, 5, 7, 9.
8	0	0	0	1	1	1	0, 2, 4, 6, 8.
9	0	0	1	0	0	0	ḡ, 1, 3, 5, 7, 9.
10	0	0	1	0	0	1	ḡ, 2, 4, 6, 8.
11	0	0	1	0	1	0	ḡ, 1, 3, 5, 7, 9.
12	0	0	1	0	1	1	ḡ, 1, 2, 4, 6, 8.
13	0	0	1	1	0	0	- , 1, 2, 3,, 9.
14	0	0	1	1	0	1	n, 1, 2, 3,, 9.
15	0	0	1	1	1	0	1, 2, 3,, 9.
16	0	0	1	1	1	1	n, 0, 1, 2, 3,, 9.
17	0	1	0	0	0	0	n, 1, 2, 3,, 9.
18	0	1	0	0	0	1	n ḡ, -, 1, 2, 3,, 9.
19	0	1	0	0	1	0	n, ḡ, -, 1, 2, 3,, 9.
20	0	1	0	0	1	1	P, E, 1, 2, 3,, 9.
21	0	1	0	1	0	0	n, 1, ḡ, 3, 4, 5,, 9.
22	0	1	0	1	0	1	-1, ḡ, 1, 2, 3,, 9.
23	0	1	0	1	1	0	0, n, ḡ, 1, 2, 3,, 9.
24	0	1	0	1	1	1	-1, ḡ, 1, 2, 3,, 9.
25	0	1	1	0	0	0	E, L, 1, 2, 3,, 9.
26	0	1	1	0	0	1	0, ḡ, 1, 2, 3,, 9.
27	0	1	1	0	1	0	n, ḡ, 1, 2, 3,, 9.
28	0	1	1	0	1	1	n, ḡ, 1, 2, 3,, 9.
29	0	1	1	1	0	0	n, ḡ, 0, 1, 2, 3,, 9.
30	0	1	1	1	0	1	n, -1, 0, 1, 2, 3,, 9.
31	0	1	1	1	1	0	n, 0, ḡ, 1, 2, 3,, 9.
32	0	1	1	1	1	1	0, E, 1, 2, 3,, 9.

N o	Dipswitch Position						Display Sequence
	1	2	3	4	5	6	
33	1	0	0	0	0	0	-1, 0, 1, 2, 3,, 9.
34	1	0	0	0	0	1	-1, E, 1, 2, 3,, 9.
35	1	0	0	0	1	0	1, 3, 5, 7, 9.
36	1	0	0	0	1	1	ḡ, 1, 2, 3,, 9.
37	1	0	0	1	0	0	1, 2, 3,, 9
38	1	0	0	1	0	1	1, 3, 5, 7, 9.
39	1	0	0	1	1	0	0, 2, 4, 6, 8.
40	1	0	0	1	1	1	0, 1, 2, 3,, 9.
41	1	0	1	0	0	0	ḡ, 1, 3, 5, 7, 9.
42	1	0	1	0	0	1	n, 1, 2, 3,, 9.
43	1	0	1	0	1	0	ḡ, 2, 3,, 9.
44	1	0	1	0	1	1	ḡ, 0, 1, 2, 3,, 9.
45	1	0	1	1	0	0	ḡ, 2, 3,, 9.
46	1	0	1	1	0	1	-1, 1, 2, 3,, 9.
47	1	0	1	1	1	0	ḡ, 0, 1, 2, 3,, 9.
48	1	0	1	1	1	1	n, ḡ, 2, 3,, 5.
49	1	1	0	0	0	0	n, ḡ, 3, 4,, 6.
50	1	1	0	0	0	1	ḡ, ḡ, 1, 2, 3,, 9.
51	1	1	0	0	1	0	ḡ, ḡ, 2, 3,, 9.
52	1	1	0	0	1	1	1, 2, 3, ḡ, 5.
53	1	1	0	1	0	0	
54	1	1	0	1	0	1	
55	1	1	0	1	1	0	
56	1	1	0	1	1	1	
57	1	1	1	0	0	0	
58	1	1	1	0	0	1	
59	1	1	1	0	1	0	
60	1	1	1	0	1	1	
61	1	1	1	1	0	0	
62	1	1	1	1	0	1	
63	1	1	1	1	1	0	
64	1	1	1	1	1	1	

Ordering Information

TAL6

TAL Engineering Ltd reserves the right to change specifications without notice.

Taleng en PI TAL6 DS v1.01

