

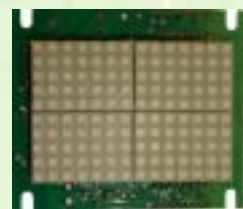
ECD manufactures a large range of position indicators for the elevator industry.

Programmable Display Characteristics

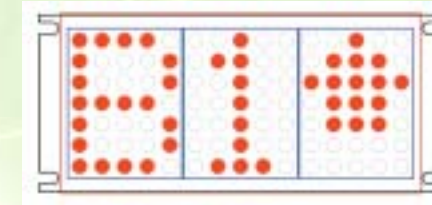
- All indicators may be programmed for Decimal, Binary or Grey code inputs.
- 3 arrow types.
- Character scrolling Available.
- Adjustable scroll speed
- Automatic “Out of Service” message if no input after an adjustable time
- Fully programmable via Serial port interface with Dongle.

Advantages

- Inputs can be programmed as a number, character or message
- Display may come hard on or scroll.
- Automatic direction sensing for scroll direction
- Auto centering of characters with Arrow
- Messages scroll from left to right with a maximum of 120 characters
- Standard 24V inputs can be configured for positive or negative switching
- Adjustable Display brightness

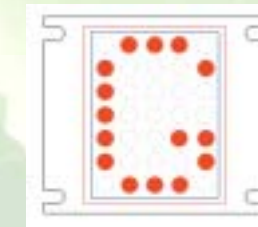


P/N 100-133a Triple 50mm 15x7 Dot Matrix Unit			
100-133A	Min	Typical	Max
P1-P2 SUPPLY VOLTAGE AC	10 VAC	18 VAC	20 VAC
P1-P2 SUPPLY VOLTAGE DC	8 VDC	24 VDC	27 VDC
STANDARD CURRENT	20 mA	80 mA	210 mA
STANDARD 24VDC INPUTS (V)	15V	24V	40V
STANDARD 24VDC INPUTS (I)	0.66 mA	1.06 mA	1.77 mA



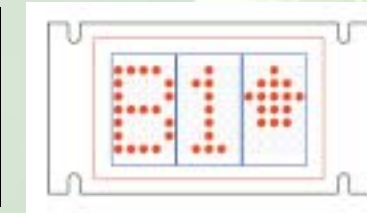
Mounting Details		
Stud Position (mm)		
128 W	49 H	
Recommended Cutout Size (mm)		
120 W	60 H	
Board Size (mm)		
134 W	60 H	45 D

P/N 100-141a Single 50mm or 30mm 15x7 Dot Matrix Unit			
100-141a	Min	Typical	Max
P1-P2 SUPPLY VOLTAGE AC	10 VAC	18 VAC	20 VAC
P1-P2 SUPPLY VOLTAGE DC	8 VDC	24 VDC	27 VDC
STANDARD CURRENT	20 mA	40 mA	120 mA
STANDARD 24VDC INPUTS (V)	15V	24V	40V
STANDARD 24VDC INPUTS (I)	0.66 mA	1.06 mA	1.77 mA



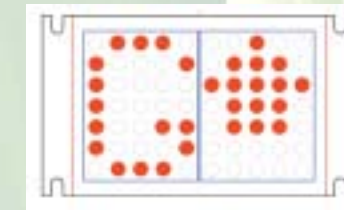
Mounting Details		
Stud Position (mm)		
58 W	58 H	
Recommended Cutout Size (mm)		
45 W	60 H	50mm
25 W	45 H	30mm
Board Size (mm)		
65 W	68 H	45 D

P/N 100-143a Triple 30mm 15x7 Dot Matrix Unit			
100-143a	Min	Typical	Max
P1-P2 SUPPLY VOLTAGE AC	10 VAC	18 VAC	20 VAC
P1-P2 SUPPLY VOLTAGE DC	8 VDC	24 VDC	27 VDC
STANDARD CURRENT	20 mA	80 mA	170 mA
STANDARD 24VDC INPUTS (V)	15V	24V	40V
STANDARD 24VDC INPUTS (I)	0.66 mA	1.06 mA	1.77 mA



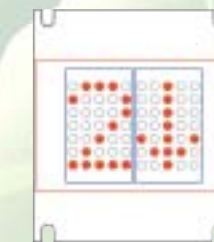
Mounting Details		
Stud Position (mm)		
94 W	54 H	
Recommended Cutout Size (mm)		
75 W	45 H	
Board Size (mm)		
112 W	60 H	45 D

P/N 100-144a Double 50mm 10x7 Dot Matrix Unit			
100-144a	Min	Typical	Max
P1-P2 SUPPLY VOLTAGE AC	10 VAC	18 VAC	20 VAC
P1-P2 SUPPLY VOLTAGE DC	8 VDC	24 VDC	27 VDC
STANDARD CURRENT	20 mA	80 mA	200 mA
STANDARD 24VDC INPUTS (V)	15V	24V	40V
STANDARD 24VDC INPUTS (I)	0.66 mA	1.06 mA	1.77 mA



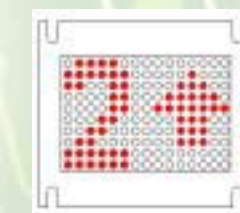
Mounting Details		
Stud Position (mm)		
94 W	54 H	
Recommended Cutout Size (mm)		
85 W	60 H	
Board Size (mm)		
104 W	60 H	45 D

P/N 100-152a Double 30mm 10x7 Dot Matrix Unit			
100-152a	Min	Typical	Max
P1-P2 SUPPLY VOLTAGE AC	10 VAC	18 VAC	20 VAC
P1-P2 SUPPLY VOLTAGE DC	8 VDC	24 VDC	27 VDC
STANDARD CURRENT	20 mA	80 mA	190 mA
STANDARD 24VDC INPUTS (V)	15V	24V	40V
STANDARD 24VDC INPUTS (I)	0.66 mA	1.06 mA	1.77 mA



Mounting Details		
Stud Position (mm)		
58 W	74 H	
Recommended Cutout Size (mm)		
45 W	45 H	
Board Size (mm)		
67 W	80 H	45 D

P/N 100-162a High Definition 14x10 Dot Matrix Unit			
100-162a	Min	Typical	Max
P1-P2 SUPPLY VOLTAGE AC	10 VAC	18 VAC	20 VAC
P1-P2 SUPPLY VOLTAGE DC	8 VDC	24 VDC	27 VDC
STANDARD CURRENT	20 mA	80 mA	220 mA
STANDARD 24VDC INPUTS (V)	15V	24V	40V
STANDARD 24VDC INPUTS (I)	0.66 mA	1.06 mA	1.77 mA



Mounting Details		
Stud Position (mm)		
70 W	63 H	
Recommended Cutout Size (mm)		
65 W	45 H	
Board Size (mm)		
80 W	70 H	45 D