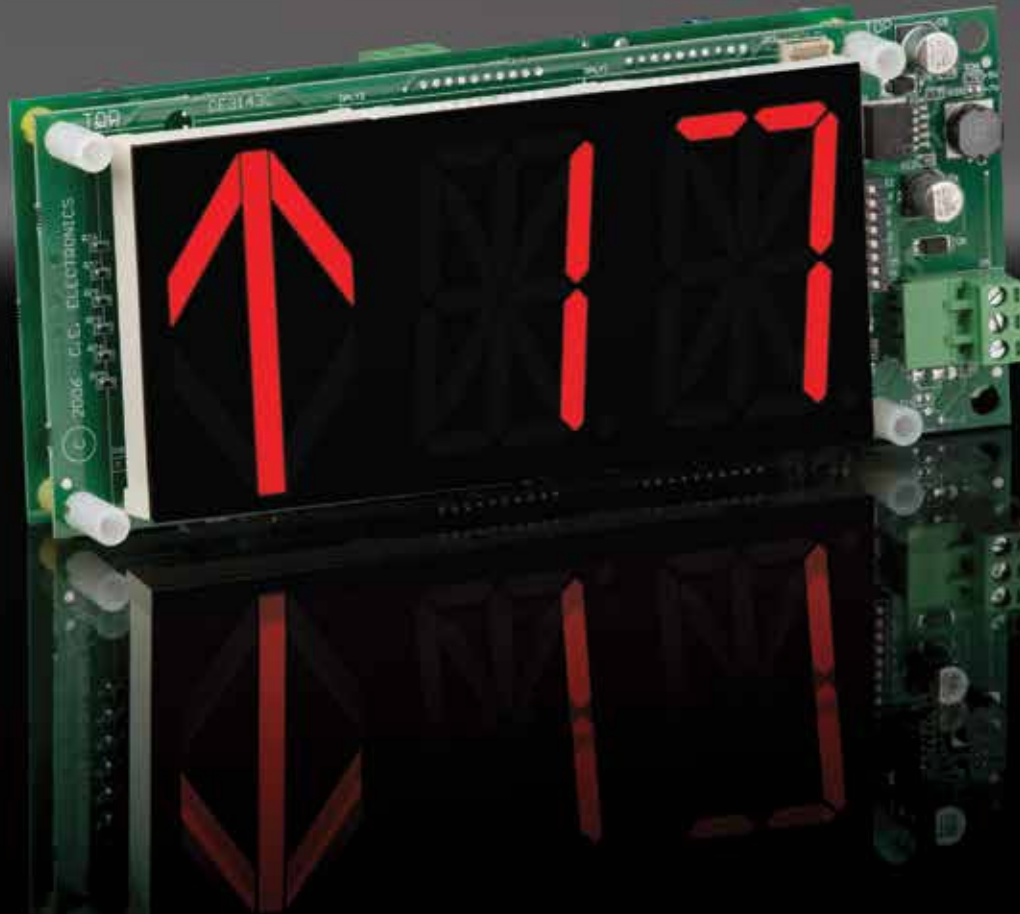




# SH322-XXXXX

2.2" CHARACTERS | 2.5" ARROW



## SEGMENTED

2.2" DISPLAY

Segmented LED main digital indicator for floor position display, as well as car direction. Any alphanumeric character can be displayed in single digit or double digit floor designations.

### TYPICAL APPLICATIONS:

- > Car-OP panel
- > Transom-car or hall

### FEATURES:

- > Self contained
- > Auxiliary outputs
- > Latched inputs
- > On board power supply
- > Self testing
- > Passing chime output
- > Error detection & correction feature
- > UL
- > 8 Inputs & Up/Down



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[www.cееlectronics.co.uk](http://www.cееlectronics.co.uk)

[www.ileweb.com](http://www.ileweb.com)



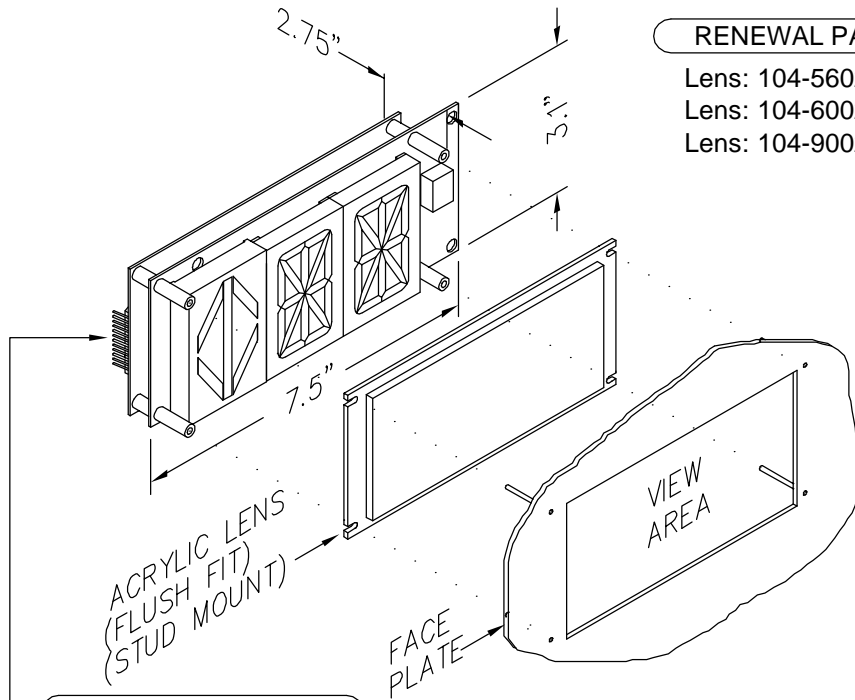


C.E. Electronics, Inc.  
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 www.ceelectronics.com

# SH322-XXXXX

Ver. 7 Rel. 09/09/2011

SEGMENTED  
DISPLAYS

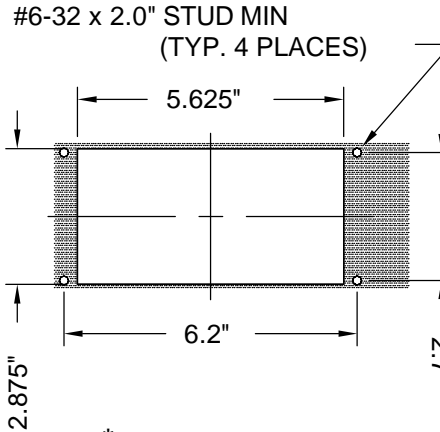


### RENEWAL PARTS

- Lens: 104-5602M RED
- Lens: 104-6002M GRAY
- Lens: 104-9002 BLUE

### SEGMENTED 2.2" DISPLAY

Segmented LED main digital indicator for floor position display, as well as car direction. Any alphanumeric character can be displayed in single digit or double digit floor designations.



\* NOTE: DISPLAY HANGS OVER ON ONE EDGE.  
 (SEE SHADED AREA)  
 CENTER LINE TO FURTHEST EDGE - 4 3/8"

CUTOUT TOLERANCE: +.020  
 - 0.0

### Typical applications:

- Car-OP panel
- Transom-car or hall

### Features:

- Self contained
- Auxiliary output
- Latched inputs
- On board power supply
- Self testing
- Passing chime output
- Error detection and correction feature
- UL
- 8 Inputs & Up/Down

TO ORDER - SPECIFY SH322 - X X X X X

### COLOR:

- "RR" RED CHARACTER / RED ARROW
- "GR" GREEN CHARACTER / RED ARROW
- "RG" RED CHARACTER / GREEN ARROW
- "GG" GREEN CHARACTER / GREEN ARROW
- "BB" BLUE CHARACTER / BLUE ARROW
- "WW" WHITE CHARACTER / WHITE ARROW

### SIGNAL VOLTAGE:

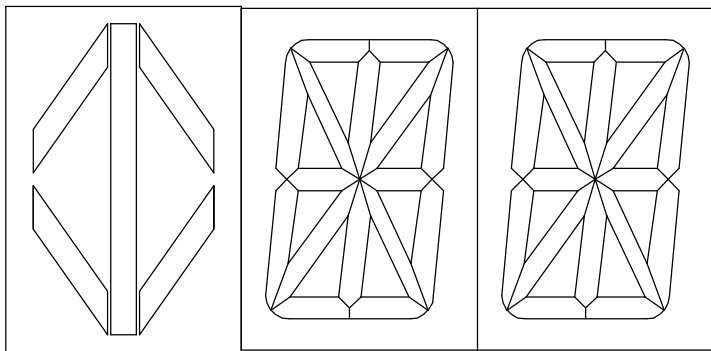
- "A" = POSITIVE 6-20VAC/DC, 24VAC
- "B" = POSITIVE 24-48VDC, 48VAC
- "C" = POSITIVE 120VAC
- "D" = POSITIVE 125VDC
- "E" = NEGATIVE 6-20VDC
- "F" = NEGATIVE 24-48VDC
- "G" = NEGATIVE 125VDC

### LENS:

- "R" = RED
- "G" = GRAY
- "B" = BLUE
- "X" = NO LENS

### SIGNAL FORMAT:

- "1" = SINGLE LINE / FLOOR \*
- "2" = BINARY
- "3" = UNITS & TENS \*
- "4" = GRAY CODE
- "5" = INVERTED BINARY
- "6" = SPECIAL



2.2" CHARACTERS  
 2.5" ARROW

### NOTE:

1. \* May need additional decoder card
2. If a special voltage is required, please consult factory.
3. Required 110VAC or optional 220VAC – Consult factory for 220AC

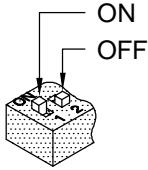
# SHCDU

JOB# \_\_\_\_\_

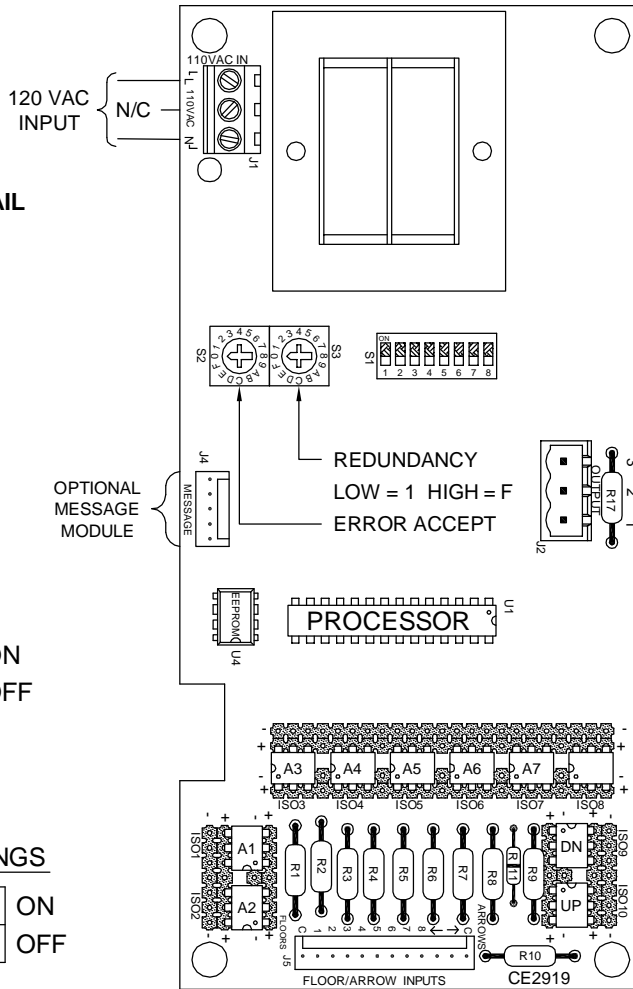
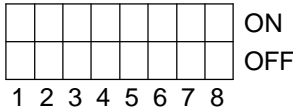
## DIP SWITCH DETAIL



- 1 SELF-TEST
- 2 FAST SELF-TEST
- 3 PLAY STROBE INVERT / INPUT TEST
- 4 MESSAGE/ARRIVAL COMBO
- 5 MESSAGE PORT MODE SELECT
- 6 ZERO SCAN SLOT
- 7 NOT USED
- 8 INVERT MESSAGE MODULE DATA



## DEFAULT SETTINGS



ROTARY SWITCH S2 \_\_\_\_\_  
 ROTARY SWITCH S3 \_\_\_\_\_  
 CODE VERSION \_\_\_\_\_  
 BOARD VERSION CE2919 \_\_\_\_\_

REDUNDANCY  
 LOW = 1 HIGH = F  
 ERROR ACCEPT

DATA  
 V+  
 COM

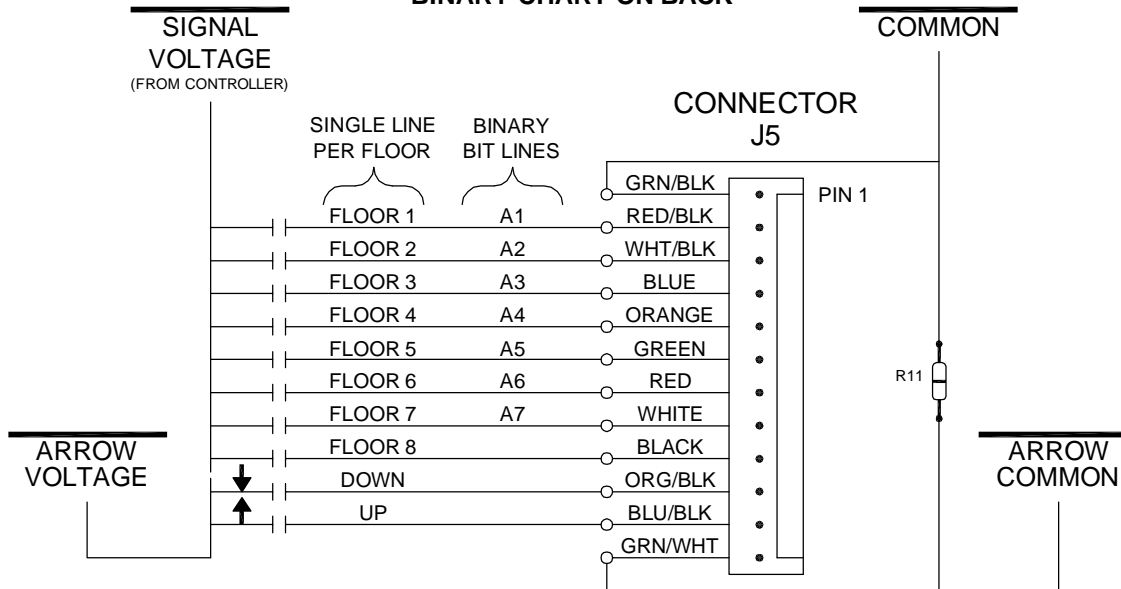
MICRO COMM  
 OUT TO DISPLAY,  
 VOICE, ETC.



TYPICAL MICRO COMM  
 CONNECTOR  
 1=COM 2=V+ 3=DATA  
 BLACK RED WHITE

NOTE: OPTOS ARE SHOWN IN THE  
 POSITIVE POSITION. FOR NEGATIVE  
 POLARITY, THE OPTOS ARE INSTALLED  
 IN THE OTHER SET OF SOCKETS.

## BINARY CHART ON BACK

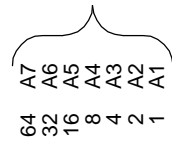


NOTE: COMMONS ARE TIED TOGETHER. IF FLOOR SIGNAL AND ARROW  
 VOLTAGES ARE DIFFERENT, COMMONS MAY BE SEPARATED. CONTACT  
 TECH SUPPORT AT 419-636-6705 FOR MORE INFORMATION.

DATE DRAWN: 03/28/03	DRAWN BY: KLS	REQUESTED BY: DC	C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43006 (419) 636-6705
BOARD NUMBER: CE2919	LAST DATE REVISED: 03/15/07	APPROVED BY:	
PRODUCT SHCDU MICRO COMM DRIVER			
DWG. NO. SHCDU055			REV. B

## BINARY FLOOR CHART

BINARY BITS



1000000 _____			
0111111 _____	0101111 _____	0011111 _____	0001111 _____
0111110 _____	0101110 _____	0011110 _____	0001110 _____
0111101 _____	0101101 _____	0011101 _____	0001101 _____
0111100 _____	0101100 _____	0011100 _____	0001100 _____
0111011 _____	0101011 _____	0011011 _____	0001011 _____
0111010 _____	0101010 _____	0011010 _____	0001010 _____
0111001 _____	0101001 _____	0011001 _____	0001001 _____
0111000 _____	0101000 _____	0011000 _____	0001000 _____
0110111 _____	0100111 _____	0010111 _____	0000111 _____
0110110 _____	0100110 _____	0010110 _____	0000110 _____
0110101 _____	0100101 _____	0010101 _____	0000101 _____
0110100 _____	0100100 _____	0010100 _____	0000100 _____
0110011 _____	0100011 _____	0010011 _____	0000011 _____
0110010 _____	0100010 _____	0010010 _____	0000010 _____
0110001 _____	0100001 _____	0010001 _____	0000001 _____
0110000 _____	0100000 _____	0010000 _____	0000000 _____

### INSTALLATION GUIDE

1. Supply 110VAC power to the outer terminals of connector J1. The center terminal is not connected.
2. Turn on DIP switch one to start self-test. The unit will cycle through the floor/message data. Verify the floor markings displayed are the ones required for the job.
3. Verify the input resistors are fully seated in their sockets.
4. Connect the unit to the controller through the 12-pin MTA connector. The voltage, polarity, and input connections are marked on the reverse side of this diagram. This unit works like a light bulb. It must have voltage from common to the selected input.
5. For Single Line per Floor connections, there should only be one floor input wire with voltage present (with reference to common) at any time.
6. If the unit fails to operate properly, write down the serial number from the white job label on the unit and exactly what is displayed for each floor input. Contact Customer Tech Support at 419-636-6705.

DATE DRAWN: 06/23/05	DRAWN BY: DAC	REQUESTED BY: DAC	 <small>C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43006 (419) 636-6705</small>
BOARD NUMBER: N/A	LAST DATE REVISED: -	APPROVED BY:	
PRODUCT: SMCDU BINARY FLOOR CHART			DWG. NO. SMCDU008
			REV. -