

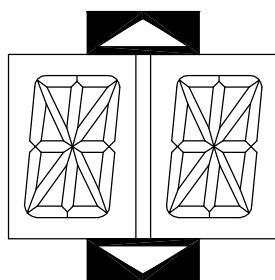
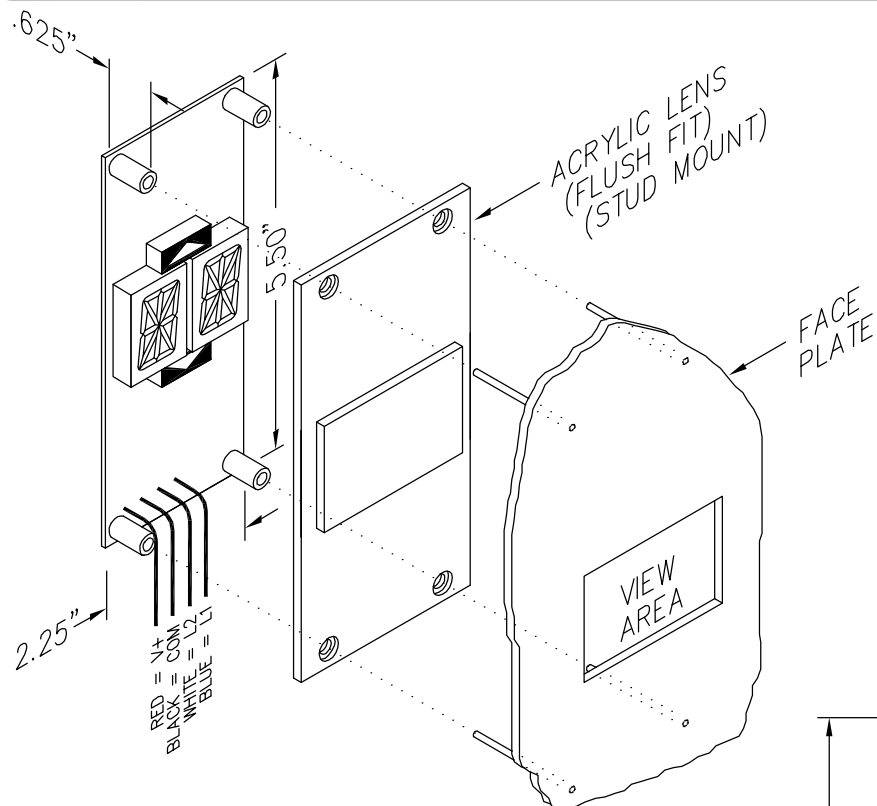


C.E. Electronics, Inc.
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PH (419) 636-6705 FX (419) 636-2516
www.ccelectronics.com

OSV21-XXX

Ver. 5 Rel. 09/06/2011

OTIS®
411 SERIES



1" CHARACTER

NOTE:

1. This is not a stand alone unit.

OSV21-XX - OTIS SERIAL LINK REMOTE DISPLAY INDICATOR "RDI"

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

Typical Applications:

- Car-OP Panel
- Transom-car or Hall
- Surface mount fixtures

Features:

- Fast, 4-wire hookup
- Latched inputs
- Cross wire protected
- Self testing
- Alternate message
- Passing chime option by request only
- No RS5 card needed
- Otis 411 car/hall date link hookup

TO ORDER - SPECIFY OSV21 - X X X

COLOR:

"RR" = RED / RED ARROWS
"AR" = AMBER / RED ARROWS
"GR" = GREEN / RED ARROWS
"BR" = BLUE / RED ARROWS
"WR" = WHITE / RED ARROWS
"GG" = GREEN / GREEN ARROWS
"BB" = BLUE / BLUE ARROWS
"WW" = WHITE / WHITE ARROWS

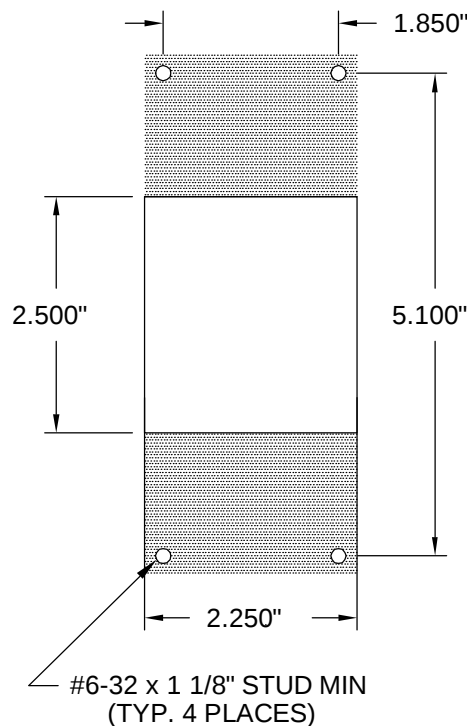
LENS:

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

RENEWAL PARTS

Lens: 104-0505 RED
Lens: 104-6043 GRAY
Lens: 104-9043 BLUE

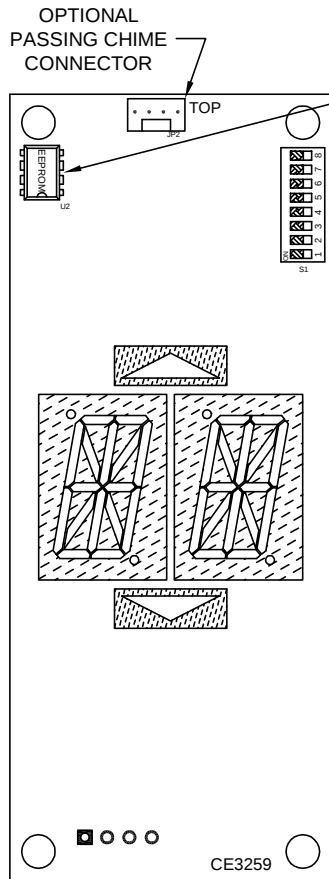
PANEL PREPARATION



CUTOUT TOLERANCE: +.020
- 0.0

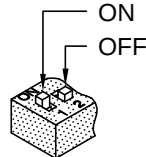
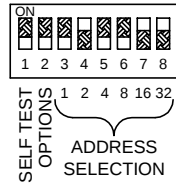
OSV21-XX

JOB# _____

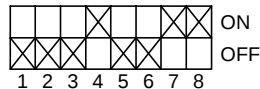


EEPROM IS USED TO DISPLAY
DIFFERENT CHARACTERS THAN ARE
RECEIVED. USE "OCDL.EXE"
PROGRAM TO CREATE EEPROM DATA.

DIP SWITCH DETAIL



DEFAULT SETTINGS



OTIS SERIAL
CONTROLLER
CONNECTION

DATA BITS

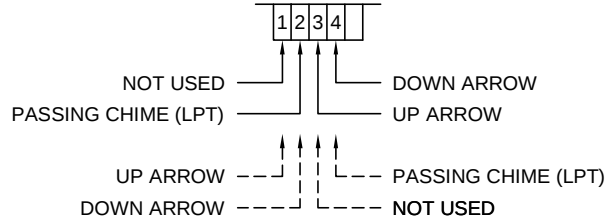


CHART TO SELECT ADDRESS WITH DIP SWITCH

32	16	8	4	2	1	BIT VALUE						
DS8	DS7	DS6	DS5	DS4	DS3	ADDRESS						
0	0	0	0	0	0	INVALID	1	0	0	0	0	ADDRESS #32
0	0	0	0	0	0	INVALID	1	0	0	0	1	ADDRESS #33
0	0	0	0	0	0	INVALID	1	0	0	0	1	ADDRESS #34
0	0	0	0	0	0	INVALID	1	0	0	0	1	ADDRESS #35
0	0	0	1	0	0	ADDRESS #4	1	0	0	1	0	ADDRESS #36
0	0	0	1	0	1	ADDRESS #5	1	0	0	1	0	ADDRESS #37
0	0	0	1	1	0	ADDRESS #6	1	0	0	1	1	ADDRESS #38
0	0	0	1	1	1	ADDRESS #7	1	0	0	1	1	ADDRESS #39
0	0	1	0	0	0	ADDRESS #8	1	0	1	0	0	ADDRESS #40
0	0	1	0	0	1	ADDRESS #9	1	0	1	0	0	ADDRESS #41
0	0	1	0	1	0	ADDRESS #10	1	0	1	0	1	ADDRESS #42
0	0	1	0	1	1	ADDRESS #11	1	0	1	0	1	ADDRESS #43
0	0	1	1	0	0	ADDRESS #12	1	0	1	1	0	ADDRESS #44
0	0	1	1	0	1	ADDRESS #13	1	0	1	1	0	ADDRESS #45
0	0	1	1	1	0	ADDRESS #14	1	0	1	1	1	ADDRESS #46
0	0	1	1	1	1	ADDRESS #15	1	0	1	1	1	ADDRESS #47
0	1	0	0	0	0	ADDRESS #16	1	1	0	0	0	ADDRESS #48
0	1	0	0	0	1	ADDRESS #17	1	1	0	0	1	ADDRESS #49
0	1	0	0	1	0	ADDRESS #18	1	1	0	0	1	ADDRESS #50
0	1	0	0	1	1	ADDRESS #19	1	1	0	0	1	ADDRESS #51
0	1	0	1	0	0	ADDRESS #20	1	1	0	1	0	ADDRESS #52
0	1	0	1	0	1	ADDRESS #21	1	1	0	1	0	ADDRESS #53
0	1	0	1	1	0	ADDRESS #22	1	1	0	1	1	ADDRESS #54
0	1	0	1	1	1	ADDRESS #23	1	1	0	1	1	ADDRESS #55
0	1	1	0	0	0	ADDRESS #24	1	1	1	0	0	ADDRESS #56
0	1	1	0	0	1	ADDRESS #25	1	1	1	0	0	ADDRESS #57
0	1	1	0	1	0	ADDRESS #26	1	1	1	0	1	ADDRESS #58
0	1	1	0	1	1	ADDRESS #27	1	1	1	0	1	ADDRESS #59
0	1	1	1	0	0	ADDRESS #28	1	1	1	1	0	ADDRESS #60
0	1	1	1	0	1	ADDRESS #29	1	1	1	1	0	ADDRESS #61
0	1	1	1	1	0	ADDRESS #30	1	1	1	1	1	ADDRESS #62
0	1	1	1	1	1	ADDRESS #31	1	1	1	1	1	ADDRESS #63

DS1	DS2	FUNCTION
1	X	SELF-TEST MODE
0	0	ARROW USES BIT 3 (UP) AND BIT 4 (DOWN). CHIME USES BIT 2.
0	1	ARROW USES BIT 1 (UP) AND BIT 2 (DOWN). CHIME USES BIT 4.

CODE VERSION _____

BOARD VERSION CE3259 ____

_____ = DIP SWITCH 2 OFF

----- = DIP SWITCH 2 ON

DATE DRAWN: 06/21/07	DRAWN BY: DAC	REQUESTED BY: JK	C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43506 (419) 636-6705
BOARD NUMBER: 3259	LAST DATE REVISED: -	APPROVED BY:	
PRODUCT			
OSV21-XX			
DWG. NO. OSV21 01			REV. -

The following Otis data must be furnished at the specified addresses for the Otis Serial Position Indicator to work properly. The address is selected by setting DIP switches 3-8 as shown on the back of this page. The board reads the address determined by the DIP switch setting. For example, if the DIP switch is set to address 50, the board will read the bits at address 50.

At DIP switch address—selected by the DIP switch on the unit (Default 50):

DIP switch 1 puts the unit in self-test mode.

DIP switch 1 and DIP switch 2 *OFF*:

Bit 1—Not Used
 Bit 2—Passing Chime (LPT)
 Bit 3—Up Arrow
 Bit 4—Down Arrow

DIP switch 1 *OFF* and DIP switch 2 *ON*:

Bit 1—Up Arrow
 Bit 2—Down Arrow
 Bit 3—Not Used
 Bit 4—Passing Chime (LPT)

Two position indicators can be used at the same address if the passing chime—LPT is not attached or programmed. Just set DIP switch 2 to opposite values on the two units.

The Otis SPI display can substitute different floor characters for the ones the controller sends, and it can switch between floor characters and ASCII characters for a message. To display alternative floor characters or messages, an EEPROM created using the *OCDL.EXE* program must be installed in the unit. Message characters alternate with floor characters every second.

Messages use the two addresses following the address set by the DIP switch.

DIP switch address +1 (Default 51): Priority

Bit 1—FSL	Fire Service Lamp	1
Bit 2—Available	Message Two	2
Bit 3—FNDG/RNDG	Front/Rear Nudging	3
Bit 4—ISCL	Independent Service	4

DIP switch address +2 (Default 52):

Bit 1—OLS	Overload Lamp	5
Bit 2—Available	Message Six	6
Bit 3—Available	Message Seven	7
Bit 4—Available	Message Eight	8

NOTE: If messages are not programmed in the EEPROM, these two addresses are available for other devices, such as other position indicators.