

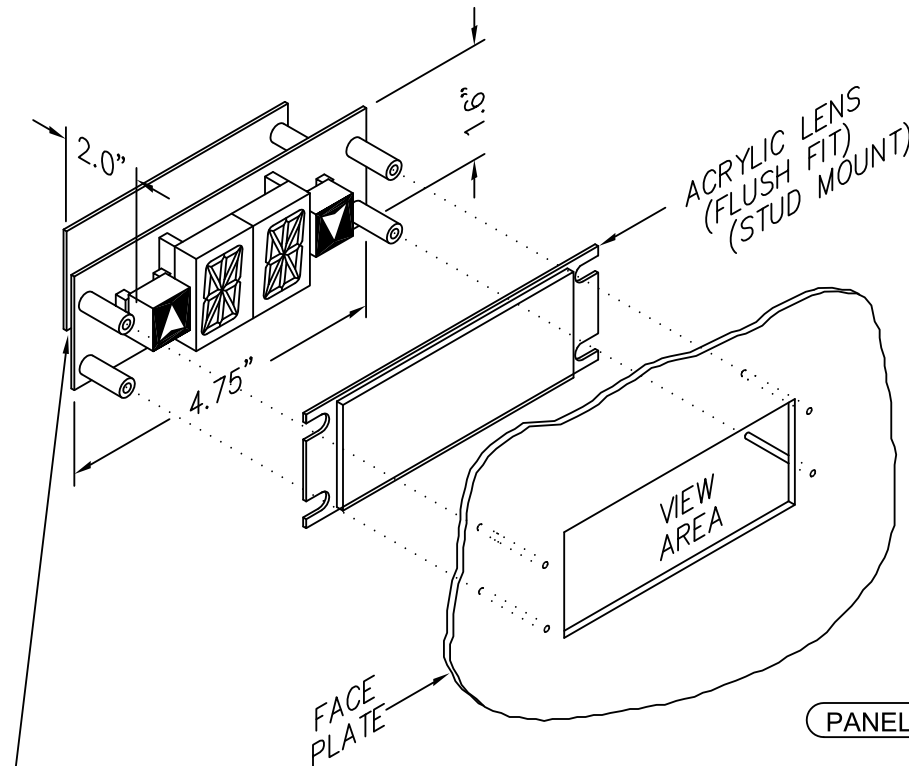


C.E. Electronics, Inc.
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Bryan, OH 43506
PH (419) 636-6705 FX (419) 636-2516
www.ceelectronics.com

OH210-XX

Ver. 4 Rel. 09/20/2023

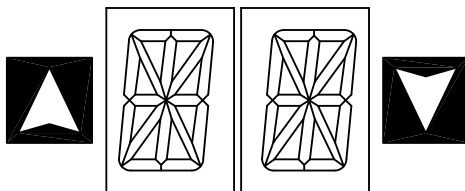
OTIS®
411 SERIES



INPUT CONNECTION

OTIS CAR DATA LINK INTERFACE
ELEVONIC 411-STYLE CONTROLS

OTIS MALE
4 PIN HEADER

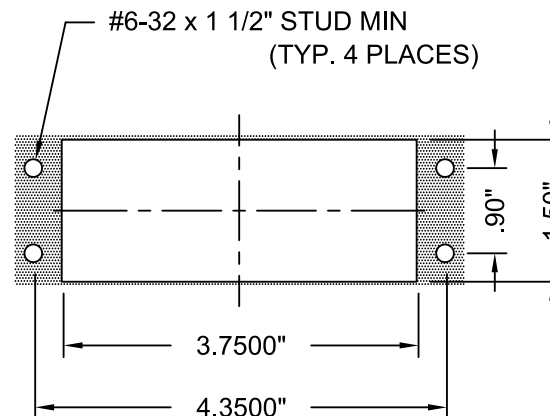


1" CHARACTER

RENEWAL PARTS

Lens: 104-5607 RED
Lens: 104-6007 GRAY
Lens: 104-9007 BLUE

PANEL PREPARATION



CUTOUT TOLERANCE: +.020
-0.0

OH210-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

Features:

- Self testing
- Passing chime output
- Available red, green and amber

TO ORDER - SPECIFY OH210 - X X

COLOR:

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

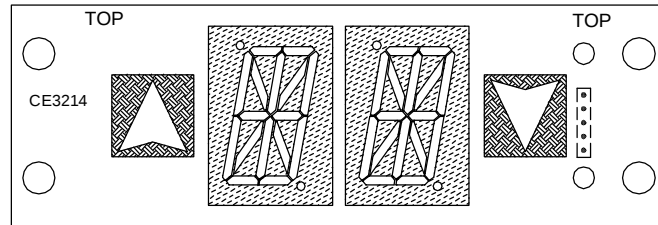
LENS:

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

* RED LENS NOT USED

OH210-XX

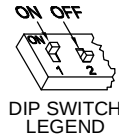
JOB# _____



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

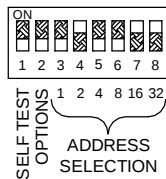
PASSING CHIME CONNECTOR

OTIS SERIAL CONTROLLER CONNECTION

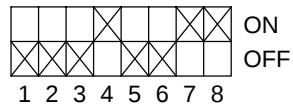


DIP SWITCH LEGEND

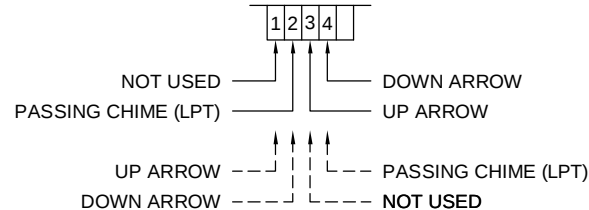
DIP SWITCH DETAIL



DEFAULT SETTINGS



DATA BITS



CODE VERSION _____

BOARD VERSION CE3110 _____

CE3214 _____

_____ = DIP SWITCH 2 OFF
 ----- = DIP SWITCH 2 ON

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

DIP1	DIP2	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.

DATE DRAWN: 07/10/06	DRAWN BY: DAC	REQUESTED BY: DV	C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43006 (419) 636-6705
BOARD NUMBER: 3110, 3214	LAST DATE REVISED: -	APPROVED BY:	
PRODUCT: OH210-XX			
DWG. NO.: OH210002 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—PFL	Power Failure Lamp	6
Bit 3—Available	Message Seven	7
Bit 4—EQL	Earthquake Lamp	8

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