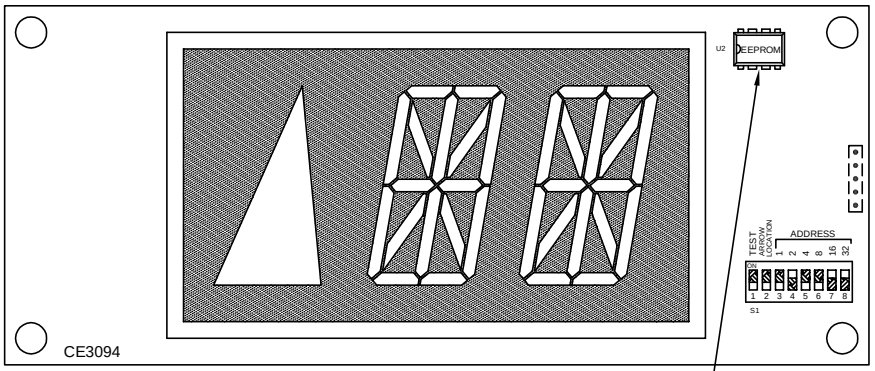
OB215 / OL215

JOB# _____



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

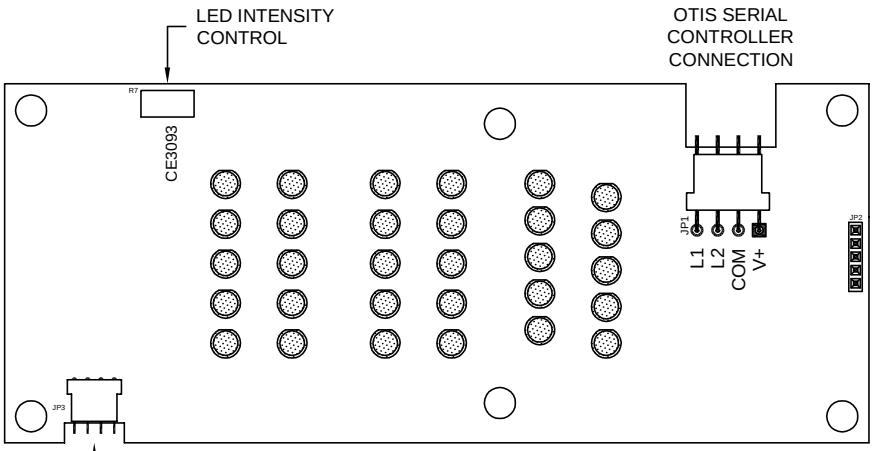


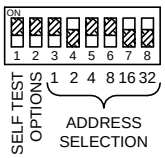
CHART TO SELECT ADDRESS WITH DIP SWITCH

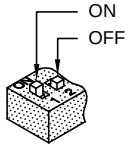
32 16 8 4 2 1 — BIT VALUE

DS8	DS7	DS6	DS5	DS4	DS3	ADDRESS
0	0	0	0	0	0	INVALID
0	0	0	0	0	0	INVALID
0	0	0	0	0	0	INVALID
0	0	0	0	0	0	INVALID
0	0	0	1	0	0	ADDRESS #4
0	0	0	1	0	1	ADDRESS #5
0	0	0	1	1	0	ADDRESS #6
0	0	0	1	1	1	ADDRESS #7
0	0	1	0	0	0	ADDRESS #8
0	0	1	0	0	1	ADDRESS #9
0	0	1	0	1	0	ADDRESS #10
0	0	1	0	1	1	ADDRESS #11
0	0	1	1	0	0	ADDRESS #12
0	0	1	1	0	1	ADDRESS #13
0	0	1	1	1	0	ADDRESS #14
0	0	1	1	1	1	ADDRESS #15
0	1	0	0	0	0	ADDRESS #16
0	1	0	0	0	1	ADDRESS #17
0	1	0	0	1	0	ADDRESS #18
0	1	0	0	1	1	ADDRESS #19
0	1	0	1	0	0	ADDRESS #20
0	1	0	1	0	1	ADDRESS #21
0	1	0	1	1	0	ADDRESS #22
0	1	0	1	1	1	ADDRESS #23
0	1	1	0	0	0	ADDRESS #24
0	1	1	0	0	1	ADDRESS #25
0	1	1	0	1	0	ADDRESS #26
0	1	1	0	1	1	ADDRESS #27
0	1	1	1	0	0	ADDRESS #28
0	1	1	1	0	1	ADDRESS #29
0	1	1	1	1	0	ADDRESS #30
0	1	1	1	1	1	ADDRESS #31

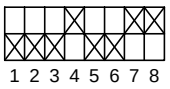
1	0	0	0	0	0	ADDRESS #32
1	0	0	0	0	1	ADDRESS #33
1	0	0	0	1	0	ADDRESS #34
1	0	0	0	1	1	ADDRESS #35
1	0	0	1	0	0	ADDRESS #36
1	0	0	1	0	1	ADDRESS #37
1	0	0	1	1	0	ADDRESS #38
1	0	0	1	1	1	ADDRESS #39
1	0	1	0	0	0	ADDRESS #40
1	0	1	0	0	1	ADDRESS #41
1	0	1	0	1	0	ADDRESS #42
1	0	1	0	1	1	ADDRESS #43
1	0	1	1	0	0	ADDRESS #44
1	0	1	1	0	1	ADDRESS #45
1	0	1	1	1	0	ADDRESS #46
1	0	1	1	1	1	ADDRESS #47
1	1	0	0	0	0	ADDRESS #48
1	1	0	0	0	1	ADDRESS #49
1	1	0	0	1	0	ADDRESS #50
1	1	0	0	1	1	ADDRESS #51
1	1	0	1	0	0	ADDRESS #52
1	1	0	1	0	1	ADDRESS #53
1	1	0	1	1	0	ADDRESS #54
1	1	0	1	1	1	ADDRESS #55
1	1	1	0	0	0	ADDRESS #56
1	1	1	0	0	1	ADDRESS #57
1	1	1	0	1	0	ADDRESS #58
1	1	1	0	1	1	ADDRESS #59
1	1	1	1	0	0	ADDRESS #60
1	1	1	1	0	1	ADDRESS #61
1	1	1	1	1	0	ADDRESS #62
1	1	1	1	1	1	ADDRESS #63

DIP SWITCH DETAIL

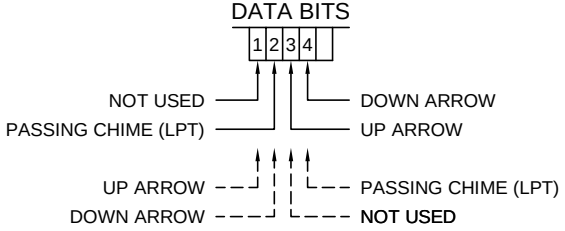




DEFAULT SETTINGS



DATA BITS



———— = DIP SWITCH 2 OFF

– – – – – – – – – = DIP SWITCH 2 ON

LCD COLOR: ☐ BLACK ☐ BLUE

BACKLIGHT COLOR: _____

CODE VERSION _____

BOARD VERSION CE3093 __

CE3094 __

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:	DRAWN BY:	REQUESTED BY:
09/08/06	DAC	MW
BOARD NUMBER:	LAST DATE REVISED:	APPROVED BY:
3093, 3094	01/14/09	

PRODUCT: OB215/OL215 OTIS SERIAL BACKLIT LCD DISPLAY

C.E. ELECTRONICS, INC.
2107 Industrial Drive
Bryan, Ohio 43506
(419) 636-6705

DWG. NO. OL215_01 REV: B

The following Otis data must be furnished at the specified addresses for the Otis Serial Indicator to work properly. The address is selected by setting DIP switches 2-7 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 8 *OFF*:

Bit 1—Up Gong (Single)
Bit 2—Down Gong (Double)
Bit 3—Up Arrival Arrow/Lantern
Bit 4—Down Arrival Arrow/Lantern

DIP switch 1 *OFF* and DIP switch 8 *ON*:

Bit 1—Not Used
Bit 2—Not Used
Bit 3—Up Arrival Arrow/Lantern and Up Gong (Single)
Bit 4—Down Arrival Arrow/Lantern and Down Gong (Single)

NOTE: ECA function is not available with this unit.

The unit 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.