

JOB#

OTIS SERIAL
DATA LINK
INPUT

CODE VERSION _____

BOARD VERSION CE2556

COM
V+
DATA

SELF-TEST
MSC DEPOINCE

AD

ADDRESS

- ON
- OFF

DEFAULT SETTINGS

ON
OFF

CHART TO SELECT ADDRESS WITH DIP SWITCH													
32 ┆ ┆	16 ┆ ┆	8 ┆ ┆	4 ┆ ┆	2 ┆ ┆	1-- 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

DATE DRAWN: 04/03/09	DRAWN BY: DAC	REQUESTED BY: JK	 C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43506 (419) 636-6705
BOARD NUMBER: 2556F or ↑	LAST DATE REVISED: -	APPROVED BY:	
PRODUCT OCDL to Micro Comm 2000 Interface			
DWG. NO. OCDL 03			REV:

The following Otis data must be furnished at the specified addresses for the Otis CDL Interface to work properly. The address is selected by setting DIP switches 3-8 as shown on the back of this page. The board reads six continuous addresses beginning with the address set by the DIP switches. For example, if the DIP switch is set to address 50, the board will read the bits at addresses 50-55.

- DIP switch 1 - OFF – Normal Operation ON - Puts the unit in self-test mode.
- DIP switch 2 - OFF - Message inputs (DIP switch address +2 and +3) debounced 0.2 seconds.
 ON - Adds a three second delay for arrival arrows AND:
 No EEPROM – Message inputs debounced 0.9 seconds
 With EEPROM – Debounce uses the value in the EEPROM
 Value 0 (Default) = 0.9 seconds
 Value 1 = No Debounce
 Value 2 = 0.2 seconds
 Value 3-9 = 0.3 – 0.9 seconds

NOTE: Debounce is the length of time the Message must be present at the input before it is accepted as valid.

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

- | | | | |
|------------------|----------------------|--------|--|
| Bit 1 - FDO | Front Door Open | >>>>>> | Either of these will activate the play voice strobe, but also control which lantern inputs are read. |
| Bit 2 - RDO | Rear Door Open | >>>>>> | |
| Bit 3 - Not Used | | | |
| Bit 4 - LPT | Landing Passing Tone | | Passing Chime |

DIP switch address +1 (Default 51):

- | | | |
|--------------|----------------------|-------------------|
| Bit 3 - CUML | Car Up Motion Lamp | Travel Up Arrow |
| Bit 4 - CDML | Car Down Motion Lamp | Travel Down Arrow |

DIP switch address +2 (Default 52):

- | | | | |
|-------------------|--------------------------|-------------------|-----------------------------|
| Bit 1 - SESL | Fire Hat Jewel | <u>Priority</u> 1 | (Supports Firehat Flashing) |
| Bit 2 - FSL/RFSL | Fire Service Lamp | 2 | |
| Bit 3 - FNDG/RNDG | Front/Rear Nudging | 3 | |
| Bit 4 - ISCL | Independent Service Lamp | 4 | |

DIP switch address +3 (Default 53):

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

DIP switch address +4 (Default 54):

- | | | |
|--------------------|----------------------------|---------------------------|
| Bit 3 - CDLU/CDLU2 | Car Direction Lantern Up | Hall/Arrival Lantern Up |
| Bit 4 - CDLD/CDLD2 | Car Direction Lantern Down | Hall/Arrival Lantern Down |

DIP switch address +5 (Default 55):

- | | | |
|----------------------|----------------------------|--------------------------------|
| Bit 3 - RCDLU/RCDLU2 | Rear Car Dir. Lantern Up | Rear Hall/Arrival Lantern Up |
| Bit 4 - RCDLD/RCDLD2 | Rear Car Dir. Lantern Down | Rear Hall/Arrival Lantern Down |

NOTE: At DIP switch address +1, +4, and +5, bits 1 and 2 are not used. Also, the messages listed at DIP switch address +2 and +3 are the default messages, but any signal can be used to trigger a message at the corresponding bit location.

Signal Name	GEN2 - E311M/E411M - GEM/MVS - E335M	LRVF - 211M/LVM
FDO	437	181
RDO	438	182
LPT	393	137
CUML	468	212
CDML	467	211
SESL	450	-
FSL	387	131
RFSL	416	160
FNDG	441	185
RNDG	442	186
FSILC	-	195
ISCL	389	133 / 714
OLS	396	140
PFL	397	141
EQL	383	127
CDLU	380	124
CDLD	378	122
RCDLU	401	145
RCDLD	399	143
CDLU2	754	259
CDLD2	755	258
RCDLU2	756	261
RCDLD2	757	260