



C.E. Electronics, Inc.
2107 Industrial Drive
Bryan, OH 43506
PH (419) 636-6705 FX (419) 636-2516
www.cseelectronics.com

OSRLD-X

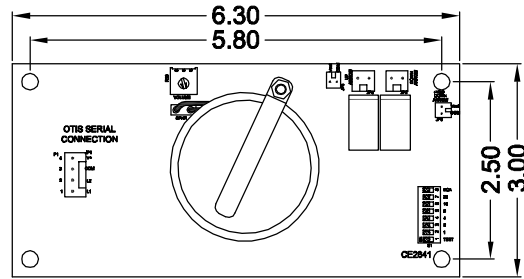
Ver. 1 Rel. 08/19/09

OTIS®
411 SERIES

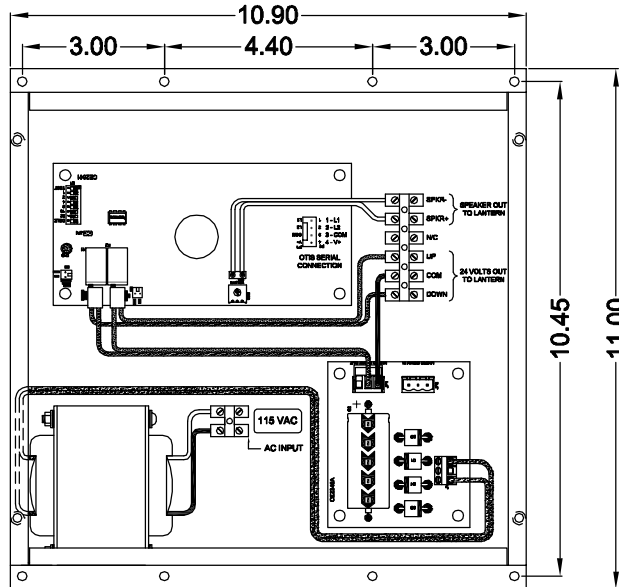
OSRLD

OTIS SERIAL RELAY LANTERN DRIVER

A highly reliable, solid state interface card for Otis serial (RSL Link) controllers. This card allows you to interface almost any incandescent lamp and LED backlight. Includes ECA.



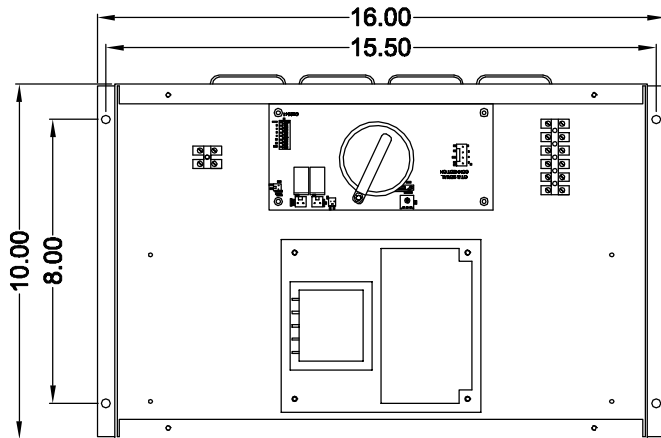
OSRLD-1
OSRLD-2



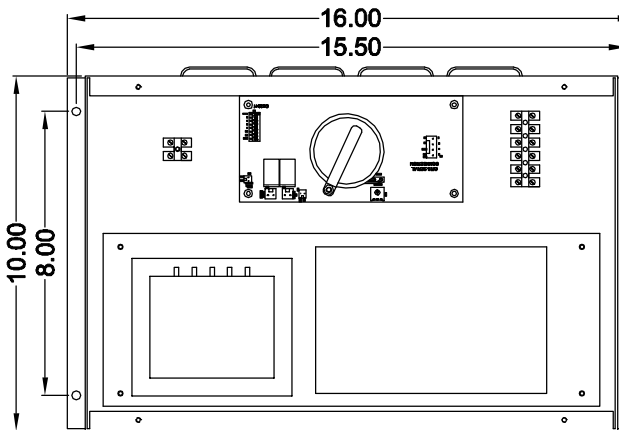
OSRLD-3

Features:

- 1 year factory warranty
- Conforms to ADAAG 4.10.4
- Includes gong
- ECA compatible
- Works Directly from Otis serial (RSL Link) Controllers



OSRLD-4



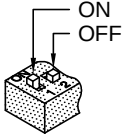
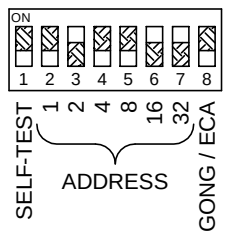
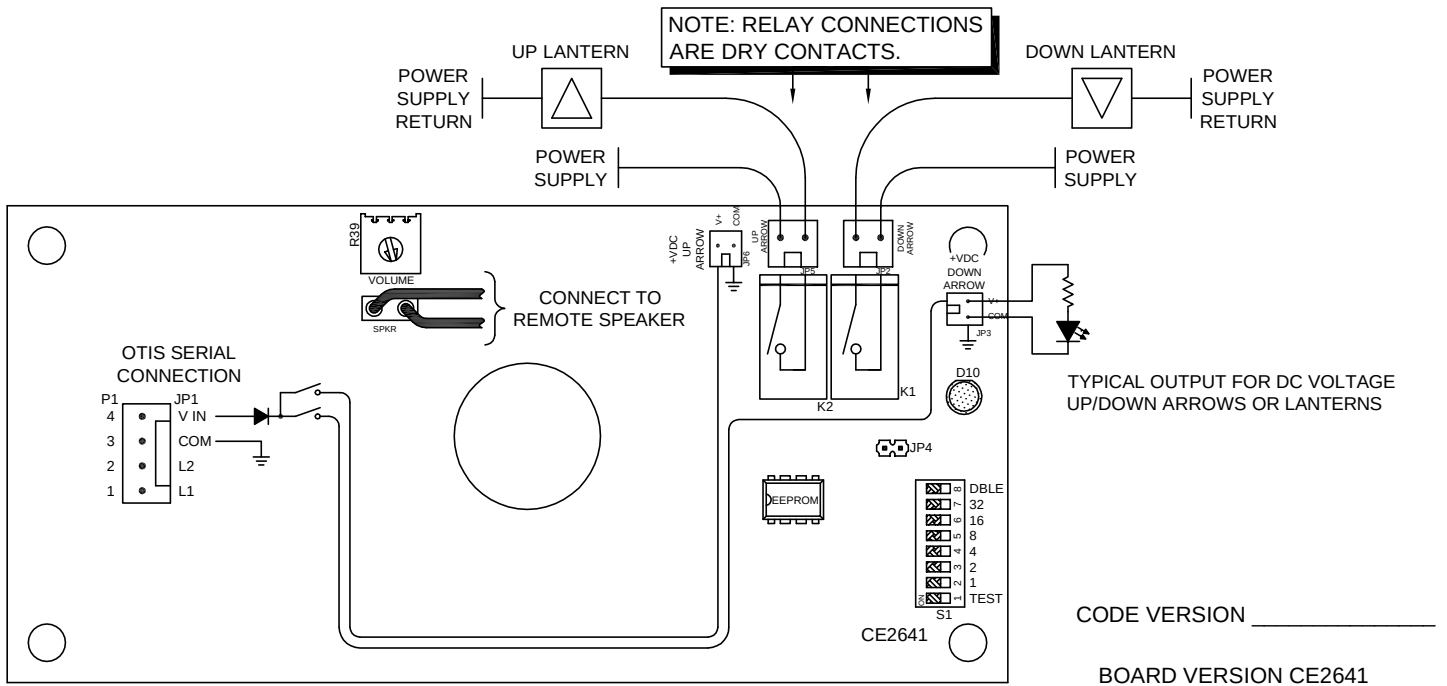
OSRLD-5

TO ORDER - SPECIFY OSRLD-X

- "1" = DRY CONTACT, LARGE MTA 4 AMPS EACH
"2" = OTIS 24 VOLT, SMALL MTA 0.5 AMPS EACH
"3" = 24 VOLT, 4 AMPS WITH 110 AC IN
"4" = 24 VOLT, 2 AMPS WITH 110/220 AC IN
"5" = 24 VOLT, 7 AMPS WITH 110/220 AC IN

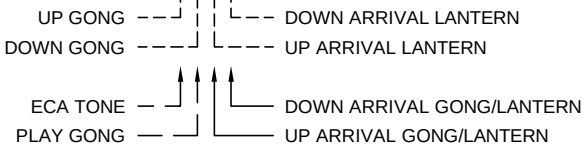
OSRLD - LANTERN/GONG DRIVER WITH RELAY OUTPUTS

JOB# _____



OFF
ON

1	2	3	4	
---	---	---	---	--



----- = DIP SWITCH 8 OFF
 _____ = DIP SWITCH 8 ON
 - - - - - = DIP SWITCH 1 AND 8 ON

CHART TO SELECT ADDRESS WITH DIP SWITCH

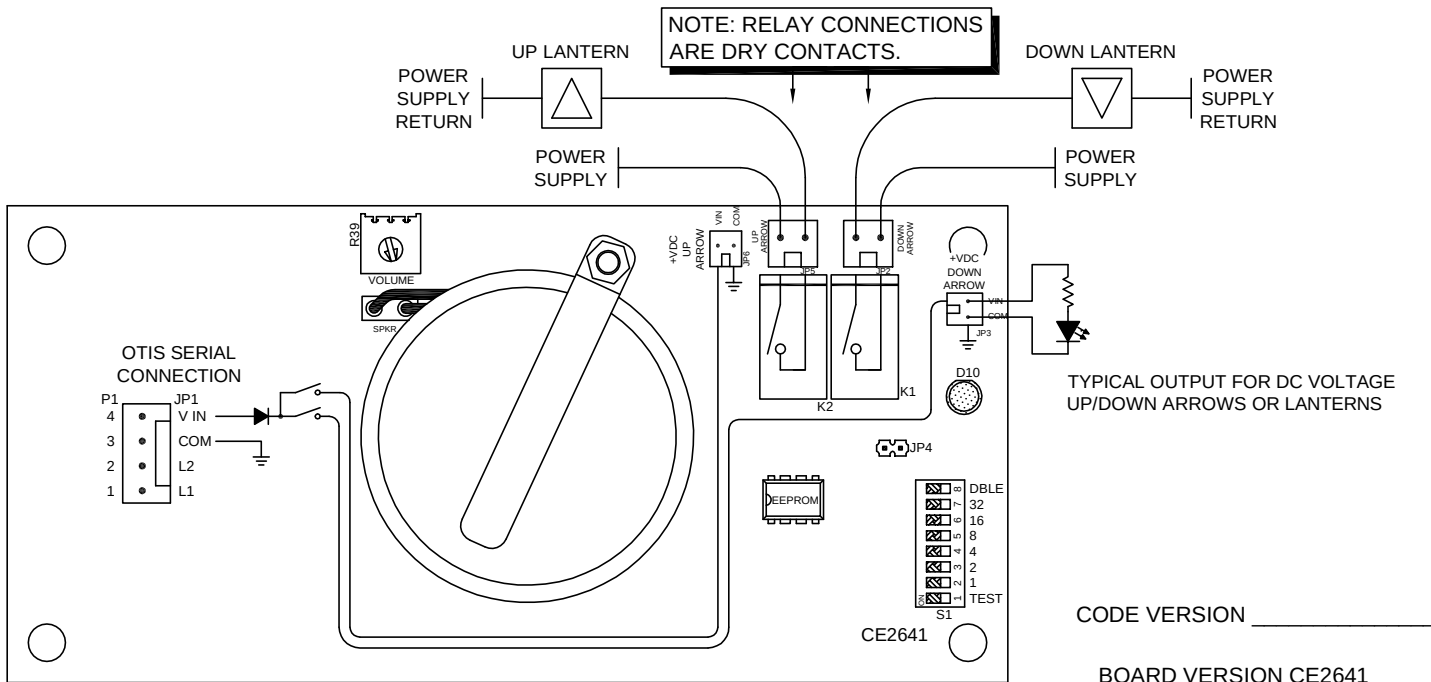
32	16	8	4	2	1	VALUE
DS7	DS6	DS5	DS4	DS3	DS2	ADDRESS
0	0	0	0	0	0	INVALID
0	0	0	0	0	0	INVALID
0	0	0	0	0	0	INVALID
0	0	0	0	0	0	INVALID
0	0	0	1	0	0	ADDRESS #4
0	0	0	1	0	1	ADDRESS #5
0	0	0	1	1	0	ADDRESS #6
0	0	0	1	1	1	ADDRESS #7
0	0	1	0	0	0	ADDRESS #8
0	0	1	0	0	1	ADDRESS #9
0	0	1	0	1	0	ADDRESS #10
0	0	1	0	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

DIP1	DIP8	FUNCTION
1	0	SELF-TEST MODE
0	0	GONG USES BIT 1 UP (SINGLE) AND BIT 2 DOWN (DOUBLE)
0	1	GONG USES BIT 3 UP AND BIT 4 DOWN (BOTH SINGLE)
1	1	ECA MODE

DATE DRAWN: 03/03/08	DRAWN BY: DAC	REQUESTED BY: MW	 C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43506 (419) 636-6705
BOARD NUMBER: 2641B and UP	LAST DATE REVISED: 11/19/09	APPROVED BY:	
PRODUCT LANTERN/GONG DRIVER WITH RELAY OUTPUTS			DWG. NO. OSRLD 01 REV: B

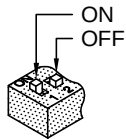
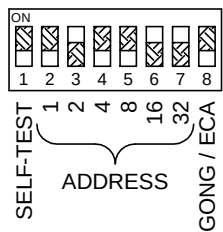
OSRLD - LANTERN/GONG DRIVER WITH RELAY OUTPUTS

JOB#

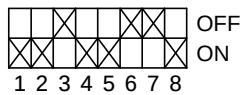


CODE VERSION

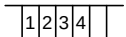
BOARD VERSION CE2641



DEFAULT SETTINGS



DATA BITS



UP GONG ---┐ | |┌--- DOWN ARRIVAL LANTERN
DOWN GONG ----┘└---- UP ARRIVAL LANTERN

ECA TONE —┐┌┐ DOWN ARRIVAL GONG/LANTERN
PLAY GONG —┘└┘ UP ARRIVAL GONG/LANTERN

----- = DIP SWITCH 8 OFF
 _____ = DIP SWITCH 8 ON
 - - - - - = DIP SWITCH 1 AND 8 ON

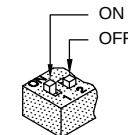
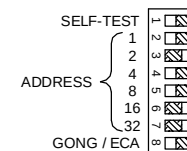
CHART TO SELECT ADDRESS WITH DIP SWITCH	32	16	8	4	2	1	VALUE							
	DS7	DS6	DS5	DS4	DS3	DS2	ADDRESS							
	0	0	0	0	0	0	INVALID	1	0	0	0	0	0	ADDRESS #32
	0	0	0	0	0	0	INVALID	1	0	0	0	0	1	ADDRESS #33
	0	0	0	0	0	0	INVALID	1	0	0	0	1	0	ADDRESS #34
	0	0	0	0	0	0	INVALID	1	0	0	0	1	1	ADDRESS #35
	0	0	0	1	0	0	ADDRESS #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	DIP8	FUNCTION
1	0	SELF-TEST MODE
0	0	GONG USES BIT 1 UP (SINGLE) AND BIT 2 DOWN (DOUBLE)
0	1	GONG USES BIT 3 UP AND BIT 4 DOWN (BOTH SINGLE)
1	1	ECA MODE

DATE DRAWN: 03/03/08		DRAWN BY: DAC		REQUESTED BY: MW		 C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43306 (419) 636-6705	
BOARD NUMBER: 2641B and UP		LAST DATE REVISED: 11/19/09		APPROVED BY:			
PRODUCT LANTERN/GONG DRIVER WITH RELAY OUTPUTS						DWG. NO. OSRLD 01	

OSRLD-3

JOB# _____



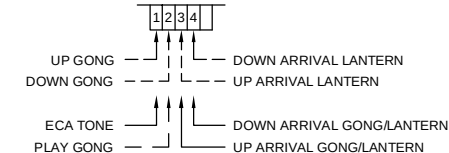
DEFAULT SETTINGS

1	2	3	4	5	6	7	8
ON	OFF	ON	OFF	ON	OFF	ON	OFF

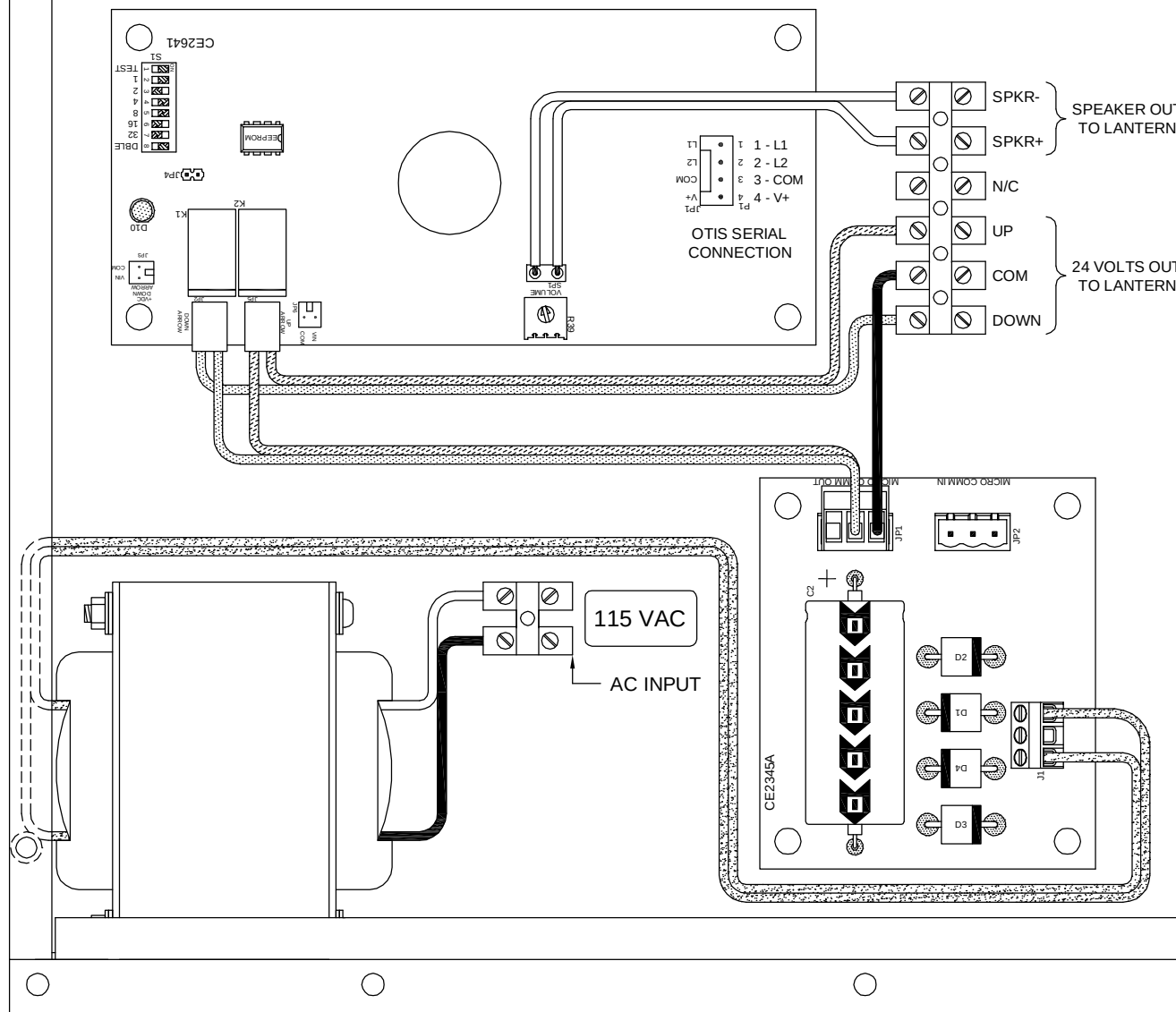
CHART TO SELECT ADDRESS WITH DIP SWITCH

32	16	8	4	2	1	VALUE	32	16	8	4	2	1	
DS7	DS6	DS5	DS4	DS3	DS2	ADDRESS	DS7	DS6	DS5	DS4	DS3	DS2	ADDRESS
0	0	0	0	0	0	INVALID	1	0	0	0	0	0	ADDR 32
0	0	0	0	0	1	INVALID	1	0	0	0	0	1	ADDR 33
0	0	0	0	1	0	INVALID	1	0	0	0	1	0	ADDR 34
0	0	0	0	1	1	INVALID	1	0	0	0	1	1	ADDR 35
0	0	0	1	0	0	ADDR 4	1	0	0	1	0	0	ADDR 36
0	0	0	1	0	1	ADDR 5	1	0	0	1	0	1	ADDR 37
0	0	0	1	1	0	ADDR 6	1	0	0	1	1	0	ADDR 38
0	0	0	1	1	1	ADDR 7	1	0	0	1	1	1	ADDR 39
0	0	1	0	0	0	ADDR 8	1	0	1	0	0	0	ADDR 40
0	0	1	0	0	1	ADDR 9	1	0	1	0	0	1	ADDR 41
0	0	1	0	1	0	ADDR 10	1	0	1	0	1	0	ADDR 42
0	0	1	0	1	1	ADDR 11	1	0	1	0	1	1	ADDR 43
0	0	1	1	0	0	ADDR 12	1	0	1	1	0	0	ADDR 44
0	0	1	1	0	1	ADDR 13	1	0	1	1	0	1	ADDR 45
0	0	1	1	1	0	ADDR 14	1	0	1	1	1	0	ADDR 46
0	0	1	1	1	1	ADDR 15	1	0	1	1	1	1	ADDR 47
0	1	0	0	0	0	ADDR 16	1	1	0	0	0	0	ADDR 48
0	1	0	0	0	1	ADDR 17	1	1	0	0	0	1	ADDR 49
0	1	0	0	1	0	ADDR 18	1	1	0	0	1	0	ADDR 50
0	1	0	0	1	1	ADDR 19	1	1	0	0	1	1	ADDR 51
0	1	0	1	0	0	ADDR 20	1	1	0	1	0	0	ADDR 52
0	1	0	1	0	1	ADDR 21	1	1	0	1	0	1	ADDR 53
0	1	0	1	1	0	ADDR 22	1	1	0	1	1	0	ADDR 54
0	1	0	1	1	1	ADDR 23	1	1	0	1	1	1	ADDR 55
0	1	1	0	0	0	ADDR 24	1	1	1	0	0	0	ADDR 56
0	1	1	0	0	1	ADDR 25	1	1	1	0	0	1	ADDR 57
0	1	1	0	1	0	ADDR 26	1	1	1	0	1	0	ADDR 58
0	1	1	0	1	1	ADDR 27	1	1	1	0	1	1	ADDR 59
0	1	1	1	0	0	ADDR 28	1	1	1	1	0	0	ADDR 60
0	1	1	1	0	1	ADDR 29	1	1	1	1	0	1	ADDR 61
0	1	1	1	1	0	ADDR 30	1	1	1	1	1	0	ADDR 62
0	1	1	1	1	1	ADDR 31	1	1	1	1	1	1	ADDR 63

DATA BITS



----- = DIP SWITCH 8 OFF
 _____ = DIP SWITCH 8 ON
 - - - - - = DIP SWITCH 1 AND 8 ON



CODE VERSION _____

BOARD VERSION CE2641 _____

BOARD VERSION CE2345 _____

DIP1	DIP8	FUNCTION
1	0	SELF-TEST MODE
0	0	GONG USES BIT 1 UP (SINGLE) AND BIT 2 DOWN (DOUBLE)
0	1	GONG USES BIT 3 UP AND BIT 4 DOWN (BOTH SINGLE)
1	1	ECA MODE

DATE DRAWN: 06/01/09	DRAWN BY: DAC	REQUESTED BY: RP	C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43306 (419) 636-6705
BOARD NUMBER: 2641, 2345	LAST DATE REVISED: -	APPROVED BY:	
PRODUCT OTIS SERIAL LANTERN DRIVER (RELAY OUTPUT)	DWG. NO. OSRLD-3	REV. -	

The following Otis data must be furnished at the specified address 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):

Normal Operation

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)

ECA Operation

DIP switches 1 and 8 *ON* puts the unit in ECA Mode:

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

OSRLD-4

JOB# _____

CODE VERSION _____

BOARD VERSION CE2641 _____

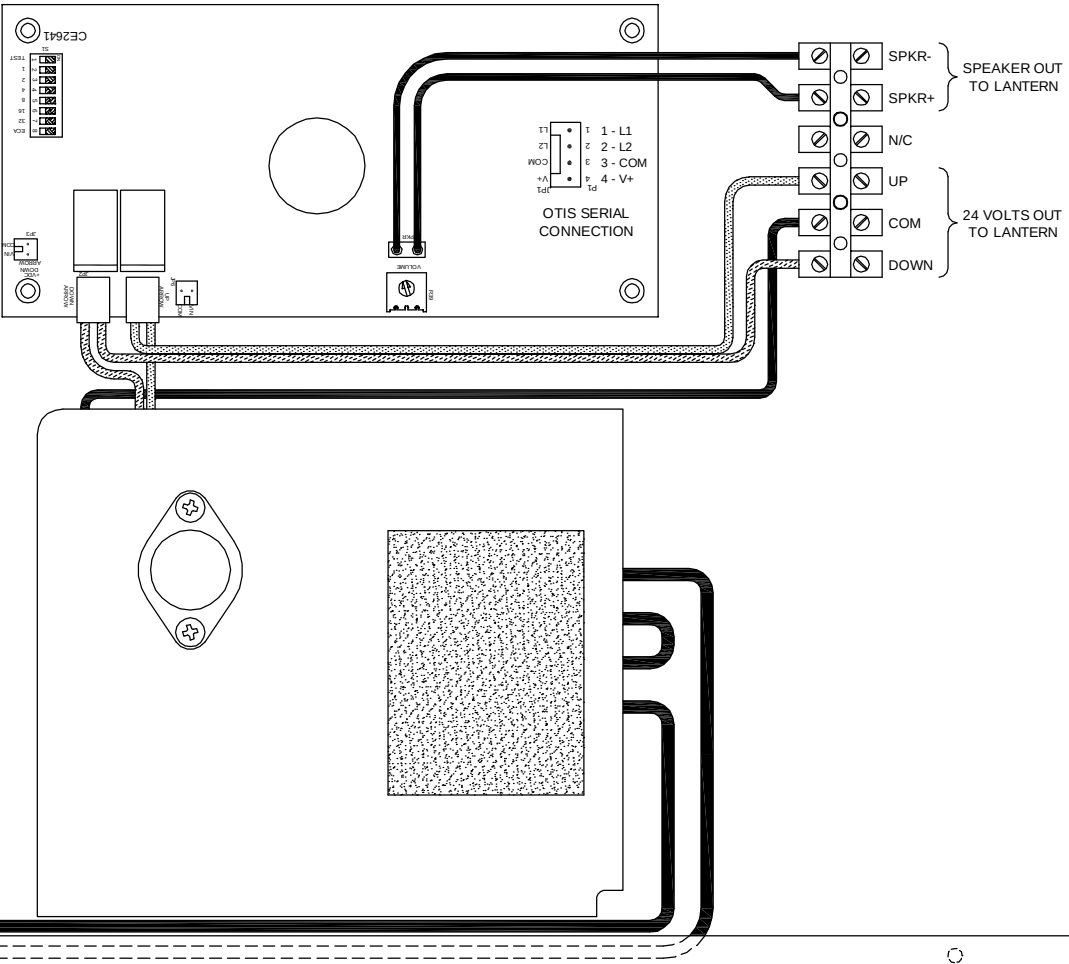
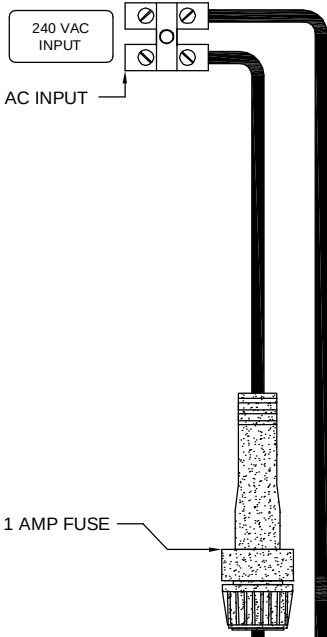
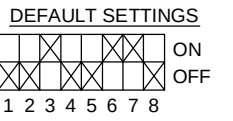
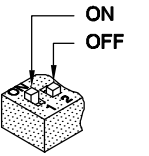
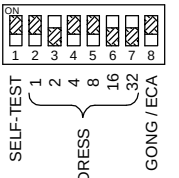
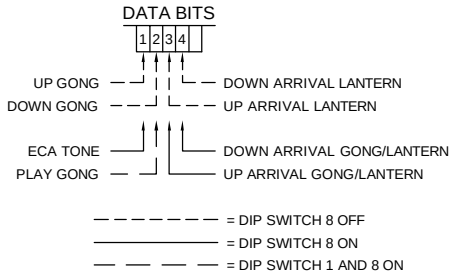


CHART TO SELECT ADDRESS WITH DIP SWITCH

32	16	8	4	2	1	VALUE	32	16	8	4	2	1	VALUE	32	16	8	4	2	1	VALUE	32	16	8	4	2	1	VALUE
DS7	DS6	DS5	DS4	DS3	DS2	ADDRESS	DS7	DS6	DS5	DS4	DS3	DS2	ADDRESS	DS7	DS6	DS5	DS4	DS3	DS2	ADDRESS	DS7	DS6	DS5	DS4	DS3	DS2	ADDRESS
0	0	0	0	0	0	INVALID	0	1	0	1	1	0	ADDR 22	1	0	1	1	0	0	ADDR 44	1	0	1	1	0	0	ADDR 44
0	0	0	0	0	1	INVALID	0	1	0	1	1	1	ADDR 23	1	0	1	1	0	1	ADDR 45	1	0	1	1	0	1	ADDR 45
0	0	0	0	1	0	INVALID	0	1	1	0	0	0	ADDR 24	1	0	1	1	1	0	ADDR 46	1	0	1	1	1	0	ADDR 46
0	0	0	0	1	1	INVALID	0	1	1	0	0	1	ADDR 25	1	0	1	1	1	1	ADDR 47	1	0	1	1	1	1	ADDR 47
0	0	0	1	0	0	ADDR 4	0	1	1	0	1	0	ADDR 26	1	1	0	0	0	0	ADDR 48	1	1	0	0	0	0	ADDR 48
0	0	0	1	0	1	ADDR 5	0	1	1	0	1	1	ADDR 27	1	1	0	0	0	1	ADDR 49	1	1	0	0	0	1	ADDR 49
0	0	0	1	1	0	ADDR 6	0	1	1	1	0	0	ADDR 28	1	1	0	0	1	0	ADDR 50	1	1	0	0	1	0	ADDR 50
0	0	0	1	1	1	ADDR 7	0	1	1	1	0	1	ADDR 29	1	1	0	0	1	1	ADDR 51	1	1	0	0	1	1	ADDR 51
0	0	1	0	0	0	ADDR 8	0	1	1	1	1	0	ADDR 30	1	1	0	1	0	0	ADDR 52	1	1	0	1	0	0	ADDR 52
0	0	1	0	0	1	ADDR 9	0	1	1	1	1	1	ADDR 31	1	1	0	1	0	1	ADDR 53	1	1	0	1	0	1	ADDR 53
0	0	1	0	1	0	ADDR 10	1	0	0	0	0	0	ADDR 32	1	1	0	1	1	0	ADDR 54	1	1	0	1	1	0	ADDR 54
0	0	1	0	1	1	ADDR 11	1	0	0	0	0	1	ADDR 33	1	1	0	1	1	1	ADDR 55	1	1	0	1	1	1	ADDR 55
0	0	1	1	0	0	ADDR 12	1	0	0	0	1	0	ADDR 34	1	1	1	0	0	0	ADDR 56	1	1	1	0	0	0	ADDR 56
0	0	1	1	0	1	ADDR 13	1	0	0	0	1	1	ADDR 35	1	1	1	0	0	1	ADDR 57	1	1	1	0	0	1	ADDR 57
0	0	1	1	1	0	ADDR 14	1	0	0	1	0	0	ADDR 36	1	1	1	0	1	0	ADDR 58	1	1	1	0	1	0	ADDR 58
0	0	1	1	1	1	ADDR 15	1	0	0	1	0	1	ADDR 37	1	1	1	0	1	1	ADDR 59	1	1	1	0	1	1	ADDR 59
0	1	0	0	0	0	ADDR 16	1	0	0	1	1	0	ADDR 38	1	1	1	1	0	0	ADDR 60	1	1	1	1	0	0	ADDR 60
0	1	0	0	0	1	ADDR 17	1	0	0	1	1	1	ADDR 39	1	1	1	1	0	1	ADDR 61	1	1	1	1	0	1	ADDR 61
0	1	0	0	1	0	ADDR 18	1	0	1	0	0	0	ADDR 40	1	1	1	1	1	0	ADDR 62	1	1	1	1	1	0	ADDR 62
0	1	0	0	1	1	ADDR 19	1	0	1	0	0	1	ADDR 41	1	1	1	1	1	1	ADDR 63	1	1	1	1	1	1	ADDR 63
0	1	0	1	0	0	ADDR 20	1	0	1	0	1	0	ADDR 42														
0	1	0	1	0	1	ADDR 21	1	0	1	0	1	1	ADDR 43														



DIP1	DIP8	FUNCTION
1	0	SELF-TEST MODE
0	0	GONG USES BIT 1 UP (SINGLE) AND BIT 2 DOWN (DOUBLE)
0	1	GONG USES BIT 3 UP AND BIT 4 DOWN (BOTH SINGLE)
1	1	ECA MODE

DATE DRAWN: 11/06/09	DRAWN BY: DAC	REQUESTED BY: RP	C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43306 (419) 636-6705
BOARD NUMBER: 2641	LAST DATE REVISED: -	APPROVED BY:	
PRODUCT OTIS SERIAL LANTERN DRIVER (RELAY OUTPUT)	DWG. NO. OSRLD-4_01	REV. -	

OSRLD-5

JOB# _____

CODE VERSION _____

BOARD VERSION CE2641 _____

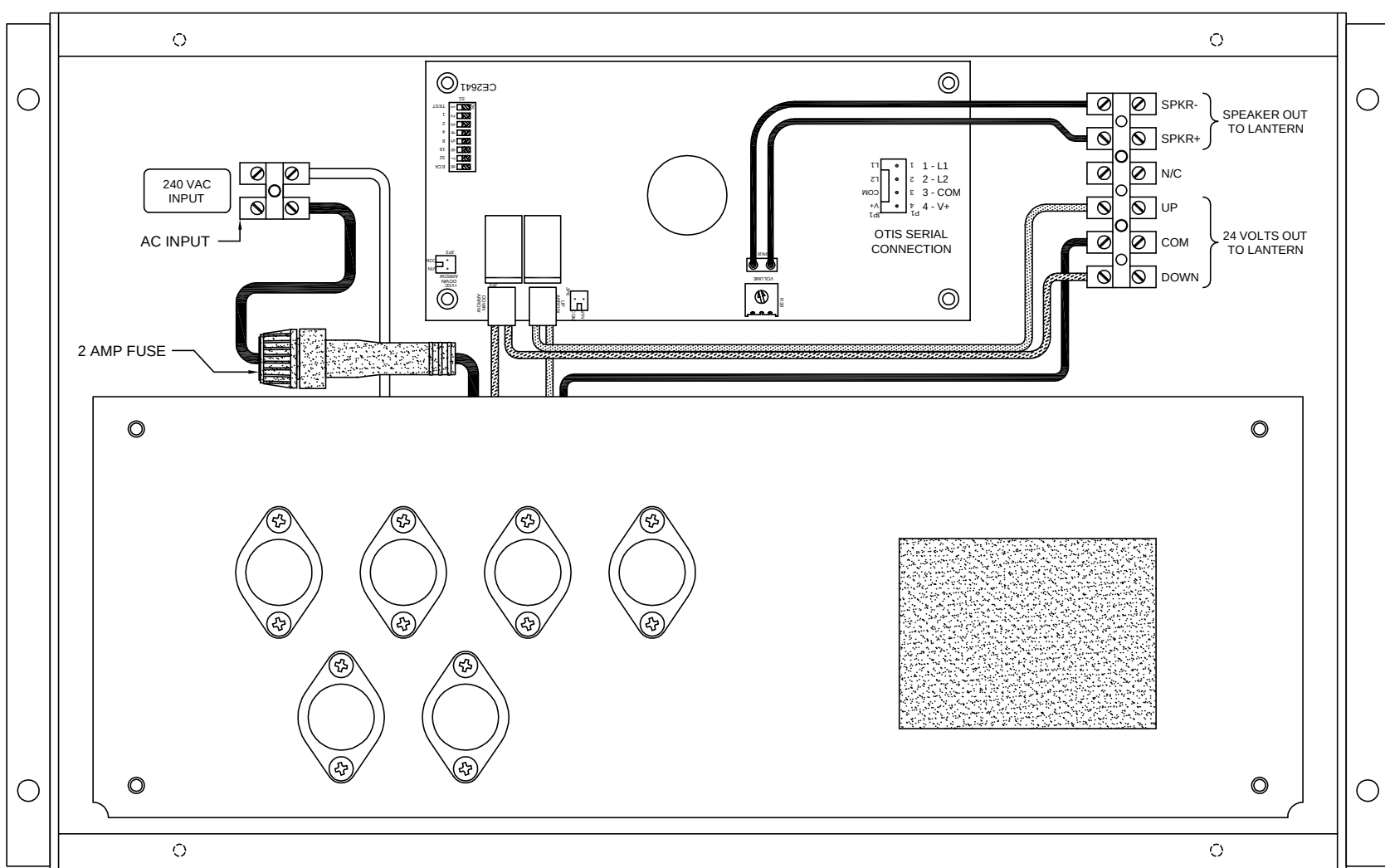
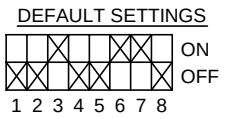
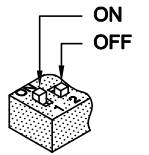
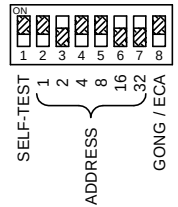
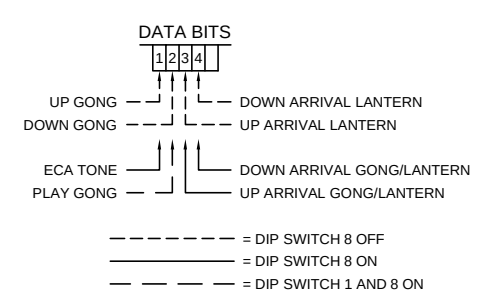


CHART TO SELECT ADDRESS WITH DIP SWITCH

32	16	8	4	2	1	—	VALUE	32	16	8	4	2	1	—	VALUE	32	16	8	4	2	1	—	VALUE	32	16	8	4	2	1	—	VALUE
DS7	DS6	DS5	DS4	DS3	DS2		ADDRESS	DS7	DS6	DS5	DS4	DS3	DS2		ADDRESS	DS7	DS6	DS5	DS4	DS3	DS2		ADDRESS	DS7	DS6	DS5	DS4	DS3	DS2		ADDRESS
0	0	0	0	0	0		INVALID	0	1	0	1	1	0		ADDR 22	1	0	1	1	0	0		ADDR 44	1	0	1	1	0	1		ADDR 45
0	0	0	0	0	1		INVALID	0	1	0	1	1	1		ADDR 23	1	0	1	1	0	1		ADDR 46	1	0	1	1	1	0		ADDR 47
0	0	0	0	1	0		INVALID	0	1	1	0	0	0		ADDR 24	1	0	1	1	1	0		ADDR 48	1	1	0	0	0	0		ADDR 49
0	0	0	0	1	1		INVALID	0	1	1	0	0	1		ADDR 25	1	0	1	1	1	1		ADDR 50	1	1	0	0	1	1		ADDR 51
0	0	0	1	0	0		ADDR 4	0	1	1	0	1	0		ADDR 26	1	1	0	0	0	0		ADDR 52	1	1	0	0	0	1		ADDR 53
0	0	0	1	0	1		ADDR 5	0	1	1	0	1	1		ADDR 27	1	1	0	0	0	1		ADDR 54	1	1	0	0	1	0		ADDR 55
0	0	0	1	1	0		ADDR 6	0	1	1	1	0	0		ADDR 28	1	1	0	0	1	0		ADDR 56	1	1	0	1	0	0		ADDR 57
0	0	0	1	1	1		ADDR 7	0	1	1	1	0	1		ADDR 29	1	1	0	0	1	1		ADDR 58	1	1	0	1	1	1		ADDR 59
0	0	1	0	0	0		ADDR 8	0	1	1	1	1	0		ADDR 30	1	1	0	1	0	0		ADDR 60	1	1	1	0	1	0		ADDR 61
0	0	1	0	0	1		ADDR 9	0	1	1	1	1	1		ADDR 31	1	1	0	1	0	1		ADDR 62	1	1	1	1	0	1		ADDR 63
0	0	1	0	1	0		ADDR 10	1	0	0	0	0	0		ADDR 32	1	1	0	1	1	0										
0	0	1	0	1	1		ADDR 11	1	0	0	0	0	1		ADDR 33	1	1	0	1	1	1										
0	0	1	1	0	0		ADDR 12	1	0	0	0	1	0		ADDR 34	1	1	1	0	0	0										
0	0	1	1	0	1		ADDR 13	1	0	0	0	1	1		ADDR 35	1	1	1	0	0	1										
0	0	1	1	1	0		ADDR 14	1	0	0	1	0	0		ADDR 36	1	1	1	0	1	0										
0	0	1	1	1	1		ADDR 15	1	0	0	1	0	1		ADDR 37	1	1	1	0	1	1										
0	1	0	0	0	0		ADDR 16	1	0	0	1	1	0		ADDR 38	1	1	1	1	0	0										
0	1	0	0	0	1		ADDR 17	1	0	0	1	1	1		ADDR 39	1	1	1	1	0	1										
0	1	0	0	1	0		ADDR 18	1	0	1	0	0	0		ADDR 40	1	1	1	1	1	0										
0	1	0	0	1	1		ADDR 19	1	0	1	0	0	1		ADDR 41	1	1	1	1	1	1										
0	1	0	1	0	0		ADDR 20	1	0	1	0	1	0		ADDR 42																
0	1	0	1	0	1		ADDR 21	1	0	1	0	1	1		ADDR 43																



DIP1	DIP8	FUNCTION
1	0	SELF-TEST MODE
0	0	GONG USES BIT 1 UP (SINGLE) AND BIT 2 DOWN (DOUBLE)
0	1	GONG USES BIT 3 UP AND BIT 4 DOWN (BOTH SINGLE)
1	1	ECA MODE

DATE DRAWN: 10/22/09	DRAWN BY: DAC	REQUESTED BY: RP	C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43506 (419) 636-6705
BOARD NUMBER: 2641	LAST DATE REVISED: -	APPROVED BY:	
PRODUCT OTIS SERIAL LANTERN DRIVER (RELAY OUTPUT)	DWG. NO. OSRLD-5_01	REV. -	

The following Otis data must be furnished at the specified address 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):

Normal Operation

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)

ECA Operation

DIP switches 1 and 8 *ON* puts the unit in ECA Mode:

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