

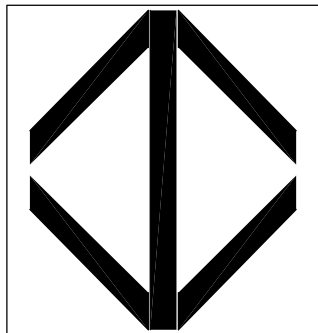
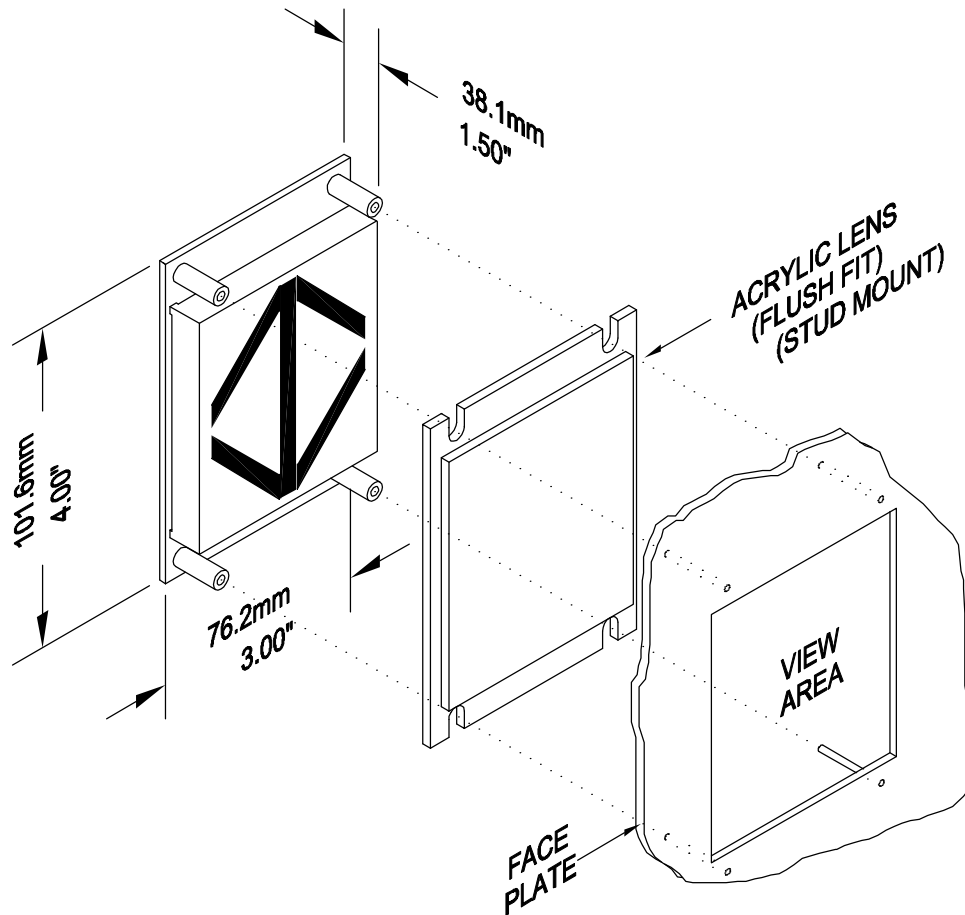


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SA130-VOSXX

Ver. 3 Rel. 11/25/08

OTIS®
411 SERIES

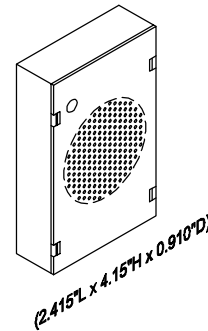


3.0" ARROW

RENEWAL PARTS

Display board: 932160000X
Driver board: 9321700000

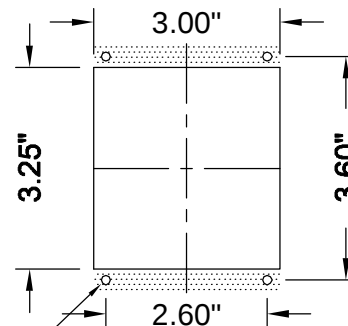
OTIS MALE
4 PIN HEADER



RENEWAL PARTS

Lens: 104-6072 GRAY

PANEL PREPARATION



#6-32 x 1 1/8" STUD MIN
(TYP. 4 PLACES)

SA130-VOSXX

3.0" LED VERTICAL ARROW

Long life, solid state vertical arrow for lanterns, 100,000 hour rated life. Accepts signals from Otis serial cdl link. The bi-color arrow is green for up and red for down or optional blue.

Typical Applications:

- Hall and car lanterns, arrival or traveling

Features:

- Ultra-thin packaging
- Bi-color
- Red down / green up or solid blue
- Jamb mountable
- Fast, 4-wire hookup
- 1 year factory warranty
- Conforms to ADAAG 4.10.4
- Includes gong

TO ORDER - SPECIFY SA130-VOSXX

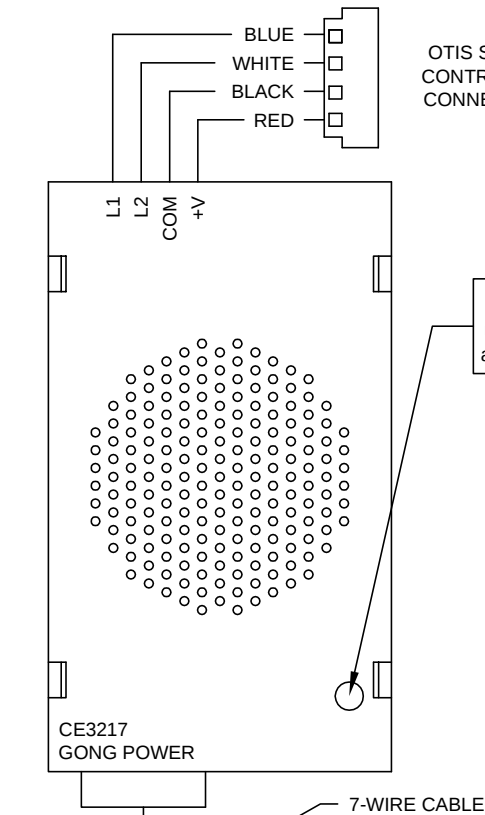
LENS:
"G" = GRAY
"X" = NO LENS
COLOR:
"B" = BLUE
"X" = BICOLOR

NOTE:

OLDER SA130-OSX = SA130-VOSX

SA130-VOS

JOB# _____

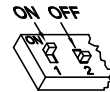
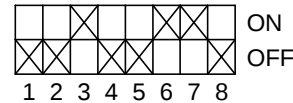


OTIS SERIAL
CONTROLLER
CONNECTION

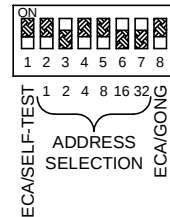
GONG VOLUME ACCESS

Use a small-bit straight-blade screwdriver and turn clockwise to increase the volume.

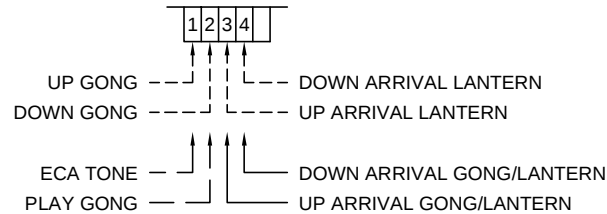
DEFAULT SETTINGS



DIP SWITCH DETAIL



DATA BITS



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

CHART TO SELECT ADDRESS WITH DIP SWITCH

VALUE	32	16	8	4	2	1	
DIP SWITCH #	7	6	5	4	3	2	ADDRESS
0	0	0	0	0	0	0	INVALID
0	0	0	0	0	0	0	INVALID
0	0	0	0	0	0	0	INVALID
0	0	0	0	0	0	0	INVALID
0	0	0	0	1	0	0	ADDRESS #4
0	0	0	0	1	0	1	ADDRESS #5
0	0	0	0	1	1	0	ADDRESS #6
0	0	0	0	1	1	1	ADDRESS #7
0	0	1	0	0	0	0	ADDRESS #8
0	0	1	0	0	0	1	ADDRESS #9
0	0	1	0	1	0	0	ADDRESS #10
0	0	1	0	1	1	1	ADDRESS #11
0	0	1	1	0	0	0	ADDRESS #12
0	0	1	1	0	1	0	ADDRESS #13
0	0	1	1	1	1	0	ADDRESS #14
0	0	1	1	1	1	1	ADDRESS #15
0	1	0	0	0	0	0	ADDRESS #16
0	1	0	0	0	0	1	ADDRESS #17
0	1	0	0	1	0	0	ADDRESS #18
0	1	0	0	1	1	1	ADDRESS #19
0	1	0	1	0	0	0	ADDRESS #20
0	1	0	1	0	1	1	ADDRESS #21
0	1	0	1	1	1	0	ADDRESS #22
0	1	0	1	1	1	1	ADDRESS #23
0	1	1	0	0	0	0	ADDRESS #24
0	1	1	0	0	0	1	ADDRESS #25
0	1	1	0	1	0	0	ADDRESS #26
0	1	1	0	1	1	1	ADDRESS #27
0	1	1	1	0	0	0	ADDRESS #28
0	1	1	1	0	1	0	ADDRESS #29
0	1	1	1	1	1	0	ADDRESS #30
0	1	1	1	1	1	1	ADDRESS #31
1	0	0	0	0	0	0	ADDRESS #32
1	0	0	0	0	0	1	ADDRESS #33
1	0	0	0	0	1	0	ADDRESS #34
1	0	0	0	0	1	1	ADDRESS #35
1	0	0	0	1	0	0	ADDRESS #36
1	0	0	0	1	0	1	ADDRESS #37
1	0	0	0	1	1	0	ADDRESS #38
1	0	0	0	1	1	1	ADDRESS #39
1	0	1	0	0	0	0	ADDRESS #40
1	0	1	0	0	0	1	ADDRESS #41
1	0	1	0	1	0	0	ADDRESS #42
1	0	1	0	1	1	1	ADDRESS #43
1	0	1	1	0	0	0	ADDRESS #44
1	0	1	1	0	1	0	ADDRESS #45
1	0	1	1	1	1	0	ADDRESS #46
1	0	1	1	1	1	1	ADDRESS #47
1	1	0	0	0	0	0	ADDRESS #48
1	1	0	0	0	0	1	ADDRESS #49
1	1	0	0	1	0	0	ADDRESS #50
1	1	0	0	1	1	1	ADDRESS #51
1	1	0	1	0	0	0	ADDRESS #52
1	1	0	1	0	1	1	ADDRESS #53
1	1	0	1	1	1	0	ADDRESS #54
1	1	0	1	1	1	1	ADDRESS #55
1	1	1	0	0	0	0	ADDRESS #56
1	1	1	0	0	0	1	ADDRESS #57
1	1	1	0	1	0	0	ADDRESS #58
1	1	1	0	1	1	1	ADDRESS #59
1	1	1	1	0	0	0	ADDRESS #60
1	1	1	1	0	1	0	ADDRESS #61
1	1	1	1	1	1	0	ADDRESS #62
1	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

CODE VERSION _____

BOARD VERSION CE3216 _____

DATE DRAWN: 12/21/05	DRAWN BY: DAC	REQUESTED BY: JK	C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43306 (419) 636-6705
BOARD NUMBER: 3216, 3217	LAST DATE REVISED: 06/08/07	APPROVED BY:	
PRODUCT: SA130-VOS OTIS SERIAL LANTERN - VERTICAL	ENG. NO. SA130-OS 02	REV. A	

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)