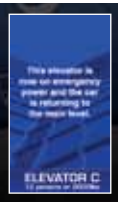
OMN43-BXX
4.3” MINI PI


ARRIVAL ARROW

DESTINATION-BASED

MESSAGING



PRIORITY MESSAGING

TRAVELING PI

OTIS
Otis Elevator Company | Newberry Road | Bloomfield, CT | Ph: 860.676.6000 | www.otisworldwide.com
Otis Worldwide

ELECTRONICS

OTIS
4.3” MINI PI

The Mini PI is a flexible position indicator which can be customized for any building or corporation. This customization can reflect architectural elements, color schemes, and corporate identity. Within this customization, information can be presented to passengers regarding the elevator’s current position and direction, arrival arrows along with priority messages from the controller. It’s also designed to be a destination type display showing floors served when in destination mode. These units also have a non-movement blanking to help preserve backlight life.

TYPICAL APPLICATIONS:
- Car operating panel
- Car transom
- Lobby / arrival
- Destination Display
- Messaging

FEATURES:
- Passing chime output
- USB Updatable
- Self testing
- Low profile
- Destination Display
- Backlight saver function
- Otis RSL input

C.E. Electronics, Inc.
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PH (419) 636-6705 FX (419) 636-2516
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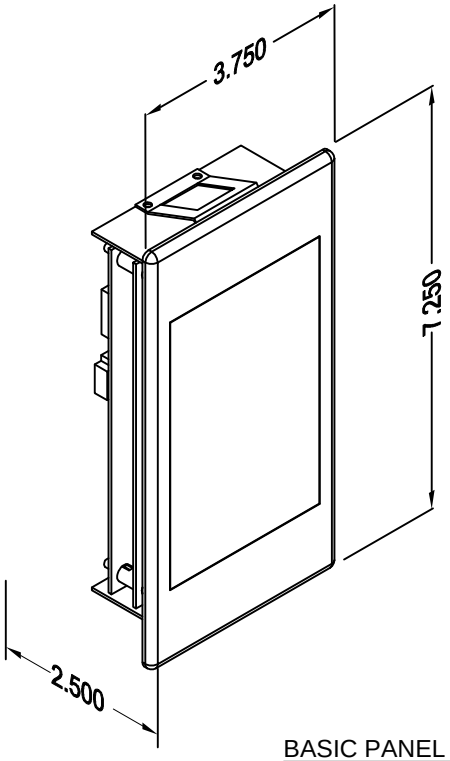
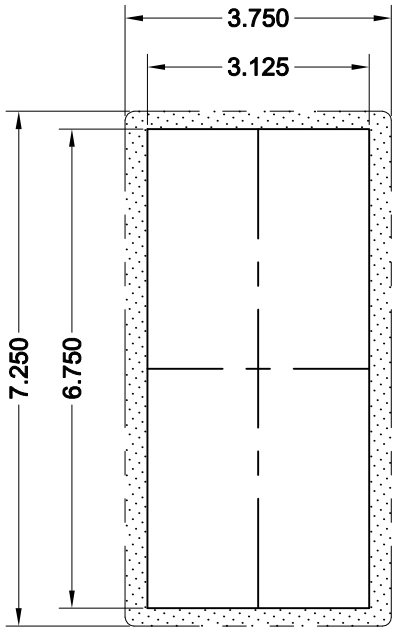
OMN43-BXX

Ver. 6 Rel. 11/21/2016

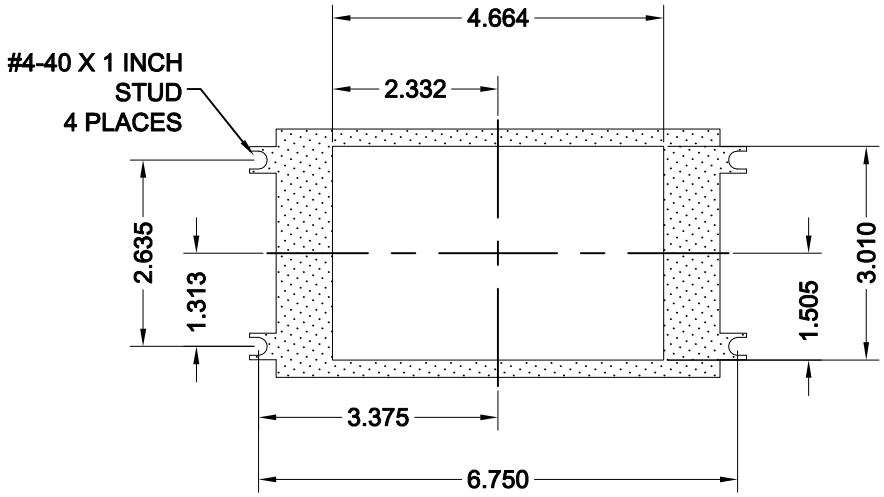
OTIS

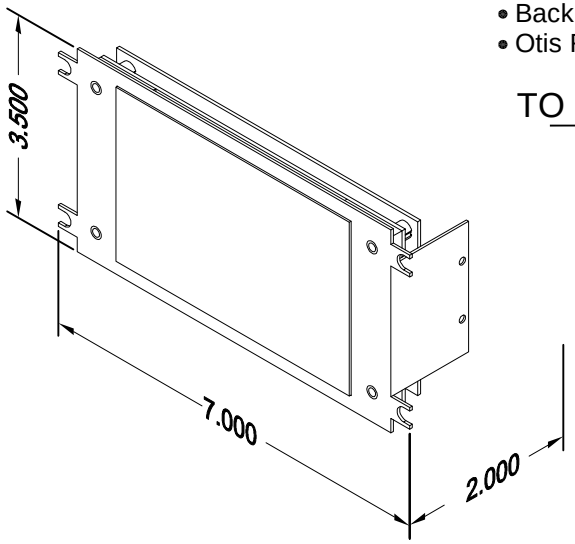




SNAP-IN PANEL PREP (VERTICAL)
ROTATE 90° FOR HORIZONTAL

BASIC PANEL PREP (HORIZONTAL)
ROTATE 90° FOR VERTICAL





4.3 INCH Mini

The Mini is a flexible information indicator which can be customized for any building or corporation. This customization can reflect architectural elements, color schemes, and corporate identity. Within this customization, information can be presented to passengers regarding the elevator's current position and direction, arrival arrows along with priority messages from the controller. It's also designed to be a destination type display showing floors served when in destination mode. These units also have a non-movement blanking to help preserve backlight life.

Typical Applications

- Car operating panel
- Car transom
- Lobby/arrival
- Destination Display
- Messaging

Features:

- Passing chime output
- Self testing
- USB Updatable
- Low profile
- Destination Display
- Backlight saver function / default on
- Otis RSL input

TO ORDER: - OMN43 - B X X

"1" = BASIC
"2" = SNAP IN STAINLESS
"V" = VERTICAL
"H" = HORIZONTAL

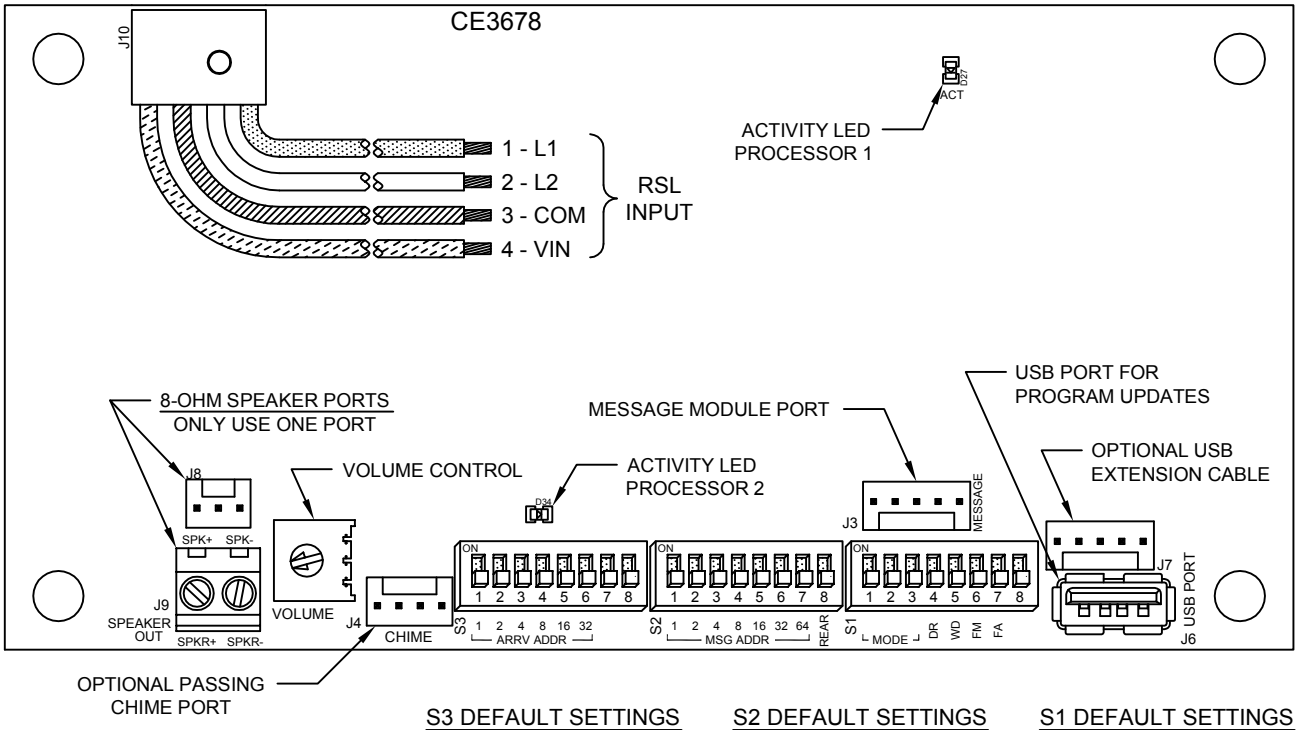
BASIC RELATED DRAWINGS	
DESCRIPTION	DRAWING NAME
PANEL PREP.	PP43-1
DETAIL DIM.	DD43-1
SNAP-IN RELATED DRAWINGS	
DESCRIPTION	DRAWING NAME
PANEL PREP.	PP43-2
DETAIL DIM.	DD43-2

Some features may not be available for your system. Please check with manufacture for special features.

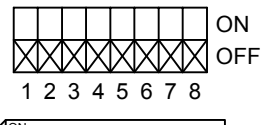
OMN43-BXX

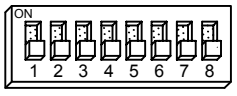
JOB# _____

NOTE: TYPICAL
CURRENT DRAW IS
350 mA at 24 VDC



S3 DEFAULT SETTINGS

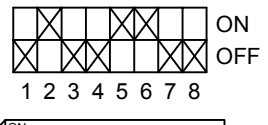


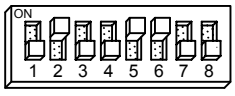


1 2 4 8 16 32 NOT USED NOT USED

ARRIVAL ARROW SOURCE ADDRESS
BIT 3=UP BIT 4=DOWN

S2 DEFAULT SETTINGS

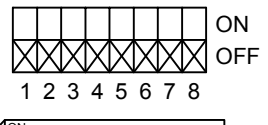


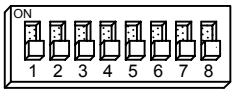


1 2 4 8 16 32 CAR NOT USED

RSL DATA SOURCE ADDRESS
(DEFAULT: 50)

S1 DEFAULT SETTINGS





MODE ROTATE DISPLAY 180° WATCHDOG NOT USED NOT USED NOT USED

DS1	DS2	DS3	S1 MODE FUNCTIONS
OFF	OFF	OFF	NORMAL OPERATION
ON	OFF	OFF	DISPLAY TEST MODE
ON	ON	OFF	AUDIO / UNIT TEST MODE

CE3678 __ ARM CODE VERSION _____

MINI CODE VERSION _____

DESIGN VERSION _____

AUDIO VERSION _____

CRCG _____ CRCA _____

OCDL CRC _____ ODAA CRC _____

DATE DRAWN:	DRAWN BY:	REQUESTED BY:	C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43506 (419) 636-6705
06/28/13	DAC	TE	
BOARD NUMBER: 3678	LAST DATE REVISED: 08/14/15	APPROVED BY:	
PRODUCT: OMN43-BXX UNIBOARD 4.3" TFT w/VERT RSL INPUT		DWG. NO.: XMN43_01	REV: C

The serial link must contain the following Otis data at the specified addresses for the display to work properly. Select the RSL Data address by setting S2, DIP switches 1-6 using the binary number for the desired address. The board reads five continuous addresses beginning with the address determined by the DIP switch setting. For example, if the DIP switch is set to address 50 (default), the board reads the bits at addresses 50-54.

DIP switch address - selected by the S2 DIP switch on the unit (Default 50):

Bit 1 - FDO	Front Door Open	>>>>>>	Either of these will activate the play voice strobe,
Bit 2 - RDO	Rear Door Open	>>>>>>	but also control which lantern inputs are read.
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):

		Priority
Bit 1 - SESL	Fire Hat Jewel in COP	1
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 and bit 4 contain Lantern UP and Lantern DOWN data when the arrival arrow address on S3 is set to zero.

NOTE: At DIP switch address +1 and +4, 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.

Set the EMS Address (if used) using the following DIP switches in a binary format: S1-6 (1), S1-7 (2), S1-8 (4), S3-7 (8), S3-8 (16), and S2-8 (32).

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
FSL	387	131
RFSL	416	160
FNDG	441	185
RNDG	442	186
FSIILC	-	195
ISCL	389	133
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

NOTE: The CDLX2 signal is not HLSET dependent and is preferred for CE fixtures.

For destination-based systems, please contact C.E. Electronics Customer Service (419-636-6705) for more information.