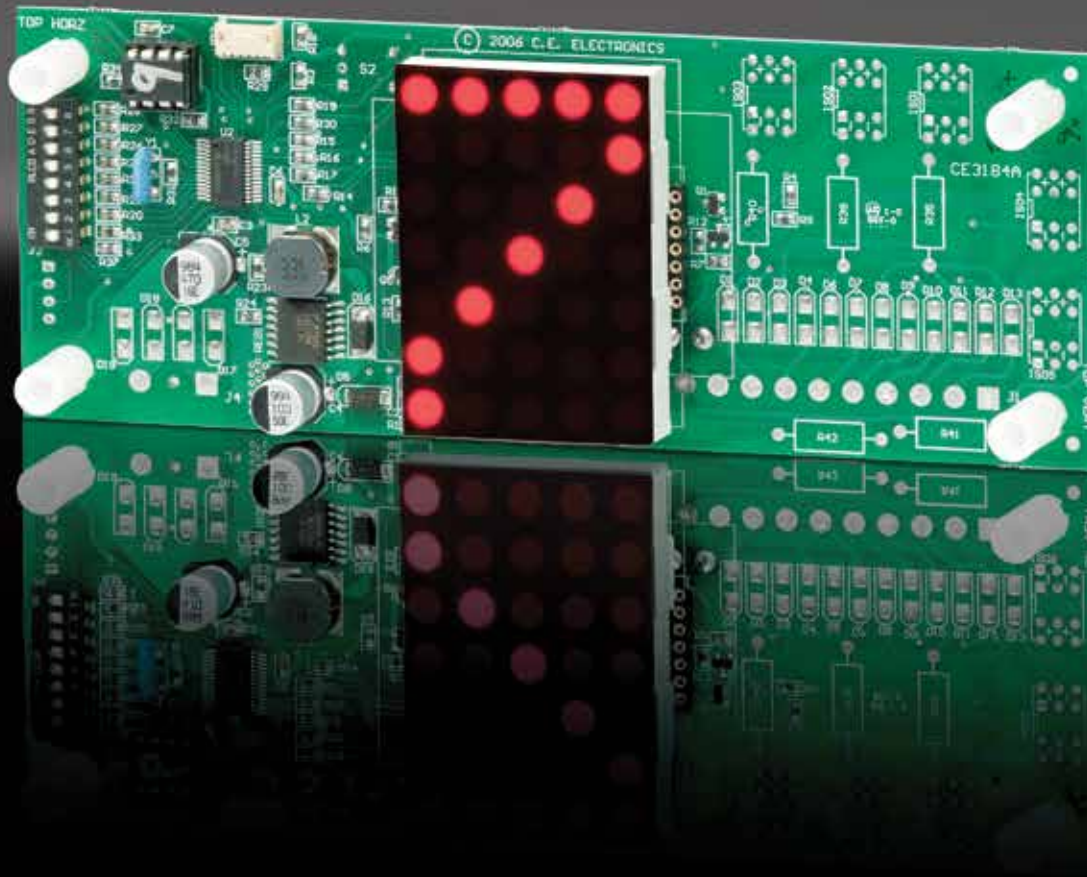


> EH1 20-XXXXX

50mm [2"] CHARACTER



EUROPEAN DOT MATRIX LED

Dot Matrix LED digital indicator for floor position display. Any alphanumeric or custom character can be displayed.

TYPICAL APPLICATIONS:

- > Car-OP Panel
- > Transom-car or Hall

FEATURES:

- > Low cost design
- > Self contained unit
- > Latched input
- > Scrolling & roll over
- > Hall lantern option
- > Passing chime output
- > Self Testing
- > Error detection and correction feature



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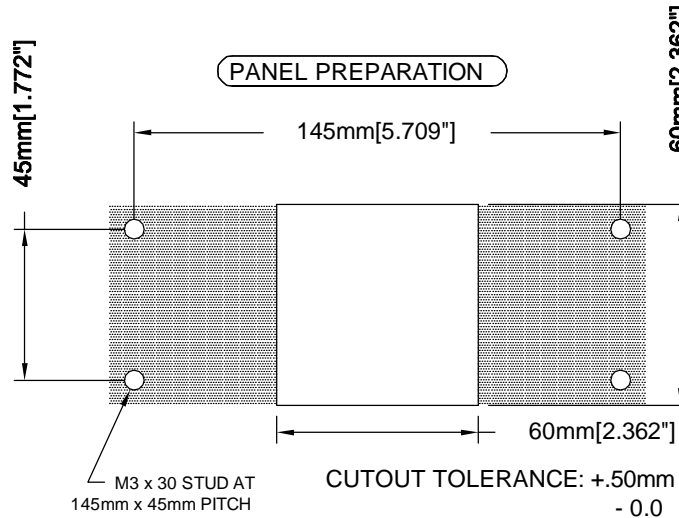
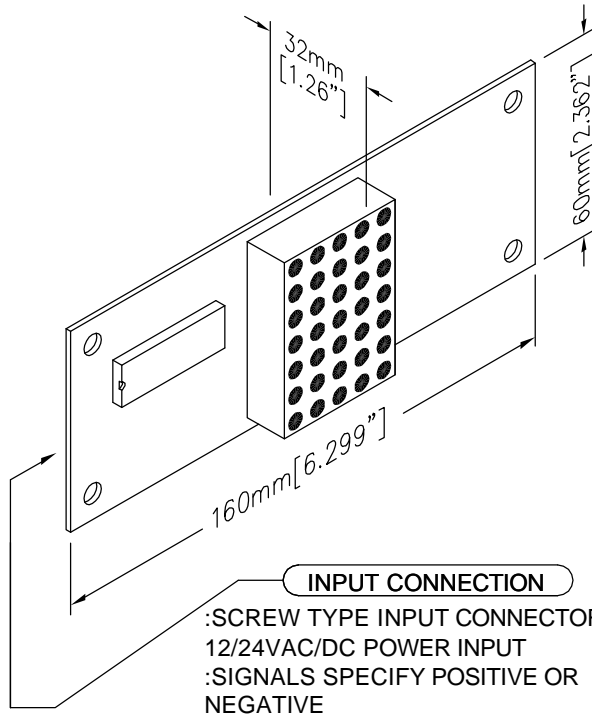
EH120-XXXXX

Ver. 3 Rel. 11/25/08

EUROPEAN
SERIES

DOT MATRIX

Dot Matrix LED Digital Indicator for floor position display.
 Any alphanumeric or custom character can be displayed.

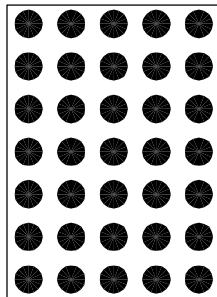


Typical Applications:

- Car-OP Panel
- Transom-car or Hall

Features:

- Low cost design
- Self contained unit
- Latched input
- Scrolling & roll over
- Hall lantern option
- Passing chime output
- Self Testing
- Message inputs
- Error detection and correction feature



RENEWAL PARTS

- Lens: 104-5578 RED
- Lens: 104-6045 GRAY

TO ORDER - SPECIFY EH120 - X X X X X

COLOR:
 "R" = RED
 "A" = AMBER
 "G" = GREEN

LENS:
 "R" = RED
 "G" = GRAY
 "X" = NO LENS

NUMBER OF INPUTS:

- "1" = 7 INPUT
- "M" = MICRO COMM 3 WIRE INPUT
- "P" = MICRO COMM INPUT W/ PASSING CHIME
- "S" = BOTH DIRECT & MICRO COMM INPUT

SIGNAL VOLTAGE:

- "A" = POSITIVE 6-20VDC, 6-24VAC
- "B" = POSITIVE 24-48VDC, 24-48VAC
- "C" = 120VAC
- "D" = POSITIVE 125VDC
- "E" = NEGATIVE 6-20VDC
- "F" = NEGATIVE 24-48VDC
- "G" = NEGATIVE 125VDC
- "X" = IF MICRO COMM

SIGNAL FORMAT:

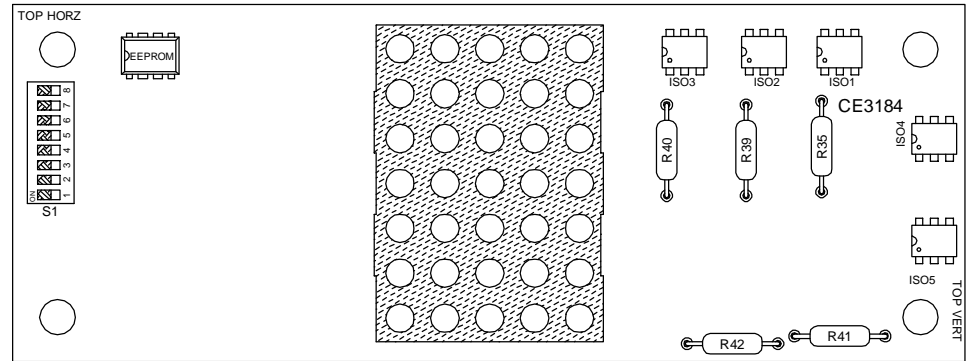
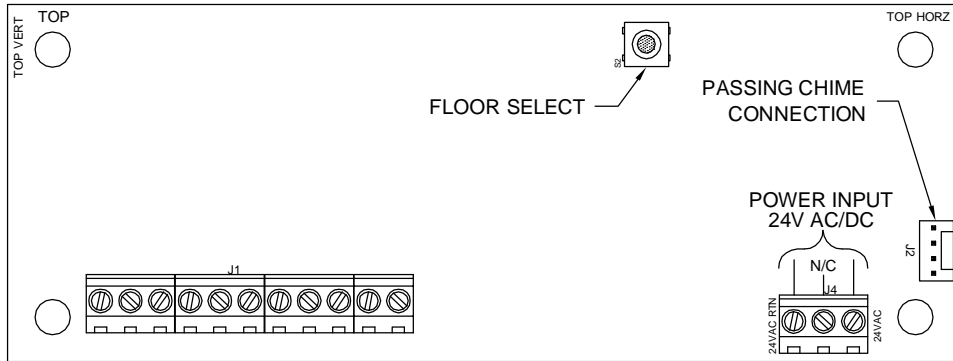
- "1" = SINGLE LINE/FLOOR
- "2" = BINARY
- "4" = GRAY CODE
- "6" = SPECIAL
- "X" = NO SELECTION

NOTE:

1. If a special voltage is required, please consult factory.
2. A supply of 12-24VAC/DC positive or negative is also required.

EURO DM SINGLE-DIGIT DISPLAY

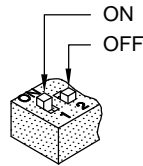
JOB# _____



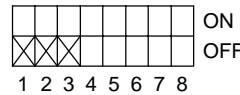
- SIG COM
- FLOOR 1
- FLOOR 2
- FLOOR 3
- FLOOR 4
- FLOOR 5
- FLOOR 6
- FLOOR 7
- ARR COM
- UP OR FLOOR 9
- DOWN OR FLOOR 8

S2 Floor Select Switch - sets the display to show an arrival arrow when the car is at a specific floor. To set the unit for arrival mode, position the car at the desired floor or turn on self-test. When the display shows the desired floor, press and hold S2 until the floor position changes to an arrow. To return to normal operation, press and hold S2 until the arrow changes to the floor position.

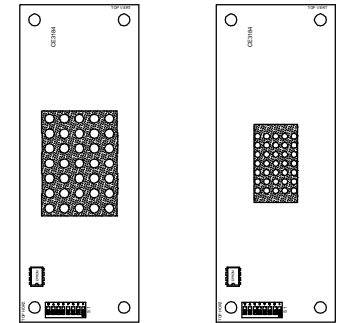
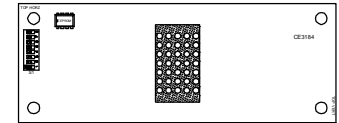
NOTE: The UP and DOWN inputs use a separate common than the FLOOR 1-7 inputs. If the signal voltage is from the same source for both sets of inputs or the UP/DOWN inputs are used for floor inputs, the signal common and arrow common should be tied together.



DEFAULT SETTINGS



- 1 SIDE SCROLL RATE
- 2 UP/DN ROLL RATE
- 3 UP/DN ROLL RATE
- 4 FIRE MAIN BLANK
- 5 FIRE ALT BLANK
- 6 REDUNDANCY
- 7 REDUNDANCY
- 8 SELF-TEST



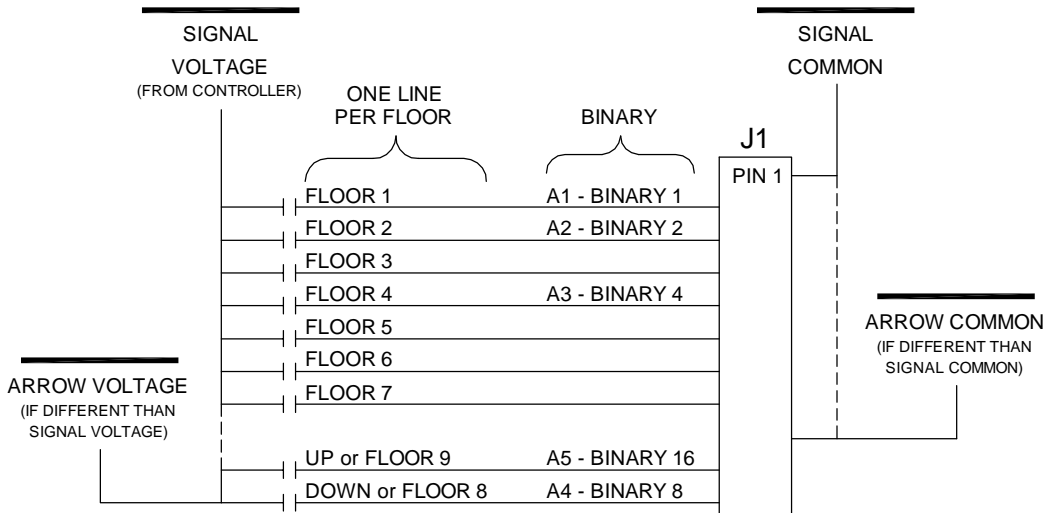
BINARY FLOOR CHART

11111	_____	01111	_____
11110	_____	01110	_____
11101	_____	01101	_____
11100	_____	01100	_____
11011	_____	01011	_____
11010	_____	01010	_____
11001	_____	01001	_____
11000	_____	01000	_____
10111	_____	00111	_____
10110	_____	00110	_____
10101	_____	00101	_____
10100	_____	00100	_____
10011	_____	00011	_____
10010	_____	00010	_____
10001	_____	00001	_____
10000	_____	00000	_____

CODE VERSION _____

BOARD VERSION CE3184 _____

CONNECTION DIAGRAM FOR THE FOLLOWING UNITS:
EH120, EH110, EV120, EV110

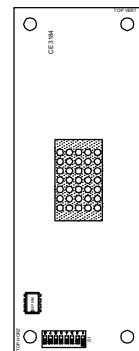
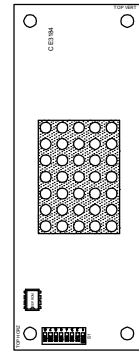
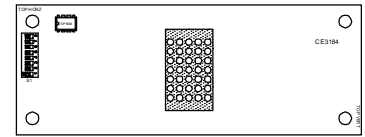
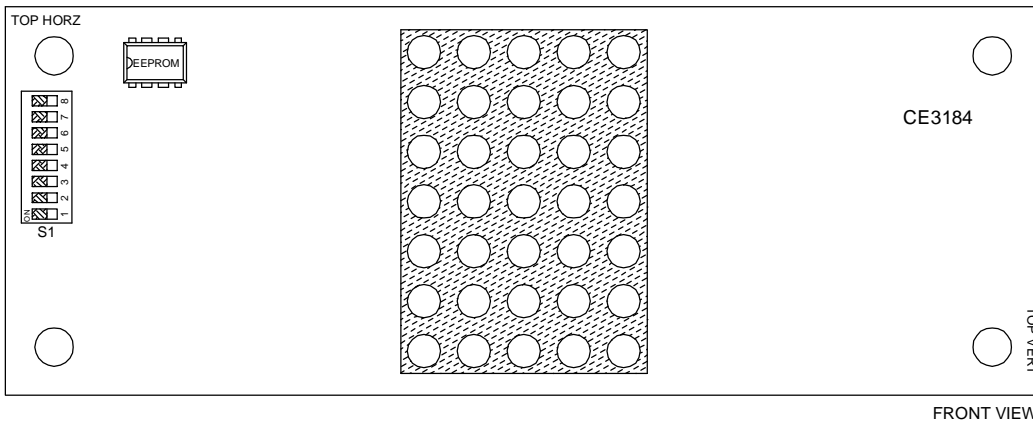
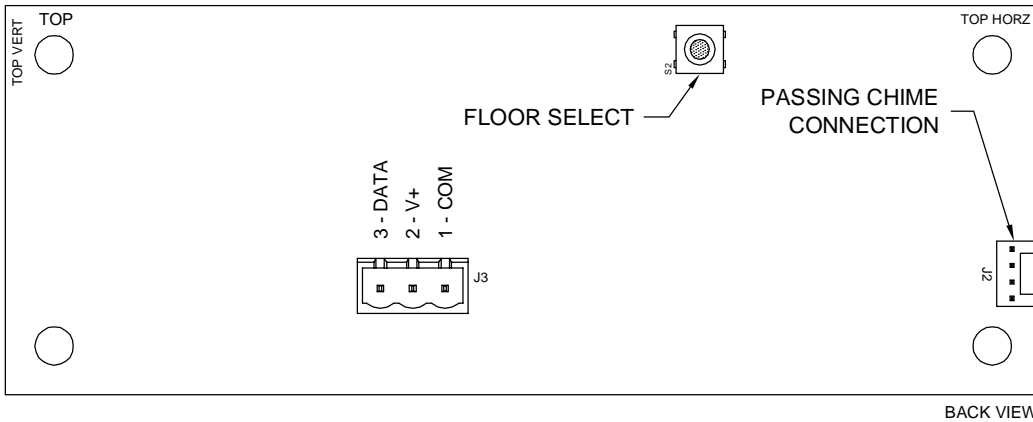


DATE DRAWN: 08/04/05	DRAWN BY: DAC	REQUESTED BY: DV	<p>C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43506 (419) 636-8705</p>
BOARD NUMBER: 3184	LAST DATE REVISED: 11/02/10	APPROVED BY:	
PRODUCT: EURO DM SINGLE-DIGIT DISPLAY			
DWG. NO.: EURODM 01			REV: B

EURO DM SINGLE-DIGIT DISPLAY

(MICRO COMM INPUT)

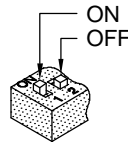
JOB# _____



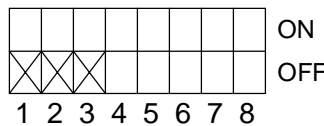
DIP SWITCH DETAIL



- 1 SELF-TEST
- 2 REDUNDANCY
- 3 FIRE ALT BLANK
- 4 FIRE MAIN BLANK
- 5 UP/DN ROLL RATE
- 6 SIDE SCROLL RATE
- 7
- 8



DEFAULT SETTINGS



CODE VERSION _____

BOARD VERSION CE3184 ____

S2 Floor Select Switch - sets the display to show an arrival arrow when the car is at a specific floor. To set the unit for arrival mode, position the car at the desired floor or turn on self-test. When the display shows the desired floor, press and hold S2 until the floor position changes to an arrow. To return to normal operation, press and hold S2 until the arrow changes to the floor position.

CONNECTION DIAGRAM FOR THE FOLLOWING UNITS:
EH120, EH110, EV120, EV110



TYPICAL PASSING CHIME CONNECTOR.
USE WITH C.E. PART# MPCB-1 ONLY.



POSITION INDICATOR INPUT
CONNECTS TO MICRO COMM DRIVER
OUTPUT (1 TO 1, 2 TO 2, 3 TO 3).

DATE DRAWN: 08/02/05	DRAWN BY: DAC	REQUESTED BY: DV	C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43506 (419) 636-6705
BOARD NUMBER: 3184	LAST DATE REVISED: 11/01/10	APPROVED BY:	
PRODUCT: EURO DM SINGLE-DIGIT MC DISPLAY			
DWG. NO.: EUROMD_02			REV: A