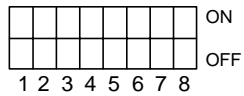


**DEFAULT SETTINGS**

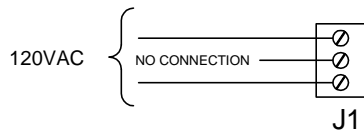
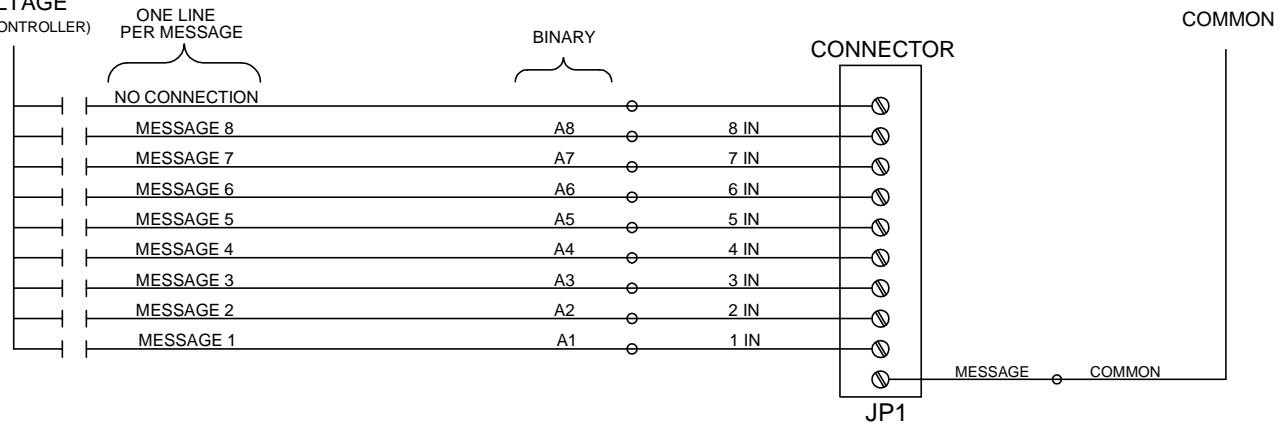


CODE VERSION \_\_\_\_\_

BOARD # \_\_\_\_\_

C.E. PART# \_\_\_\_\_

**SIGNAL VOLTAGE**  
(FROM CONTROLLER)



NOTE:  
FOR POSITIVE SIGNAL INPUT, INSTALL OPTO-COUPLEDERS IN ROW 1 & 3.  
FOR NEGATIVE SIGNAL INPUT, INSTALL OPTO-COUPLEDERS IN ROW 2 & 4.

|   |                     |                       |   |
|---|---------------------|-----------------------|---|
| DATE DRAWN:<br>09/23/99                   | DRAWN BY:<br>K.L.S. | REQUESTED BY:<br>D.R. | <p>C.E. ELECTRONICS, INC.<br/>514 East Edgerton Street<br/>Bryan, Ohio 43305<br/>(419) 638-6705</p> |
| BOARD NUMBER:<br>2263D                    | DWG REV #:          | APPROVED BY:          |   |
| PRODUCT<br>DRIVER FOR MSV20/MSV30 - MPROG |                     |                       |   |
| DWG. NO.                                  |                     |                       | MSVX0003  |

# MSV20/30-XX SCROLLING MESSAGE DISPLAY WITH REMOTE PROGRAMMING OPTION

## SYSTEM CONNECTIONS

|                                   |  |
|-----------------------------------|--|
| <b>J1: AC Input</b>               | Connect 115VAC power to pins 1 and 3. No connection for pin 2.   |
| <b>J2: Transformer Connection</b> | Connect the primary and secondary wires of the transformer supplied with the display.  |
| <b>JP1: Discrete Inputs</b>       | Optically coupled for eight wire-per-floor or five binary inputs (maximum of 31 messages).                                   |
| <b>JP2: Micro Comm Input</b>      | Three-wire serial input from a Micro Comm driver/interface. Use of this input is required for the remote programming option. |
| <b>JP4: RS-485 Input</b>          | This input is not currently functional.  |

## DIP SWITCH SETTINGS

**DS1, DS2, & DS3 – Display Address:** Required for the remote programming option. Allows up to eight displays to be connected to each Micro Comm data line and provides the ability to select a specific display to be programmed. The switches are set in binary format: 1,2,3 OFF = Address 1 and 1,2,3,ON = Address 8.

**DS4 & DS5 – Scroll Rate:** Changes the speed that a scrolling message moves across the display.

**DS6 – Enable/Disable Latching:** Used in discrete-wire mode only. OFF = Non-latching (the message goes blank when the signal is removed); ON = Latching ( when the signal is removed, the last message remains on until the unit receives a new signal).

**DS7 – Input Select:** OFF = Discrete wire input (use JP1); ON = Micro Comm input (use JP2).

**DS8 – Test Mode:** ON = Cycle through all the messages in the EPROM. OFF = Normal operation

**IF YOU HAVE ANY PROBLEMS OR QUESTIONS CONCERNING INSTALLATION, CALL C.E. ELECTRONICS TECH SUPPORT AT 419-636-6705.**