



## MODEL 3905 DUPLEX ALTERNATOR

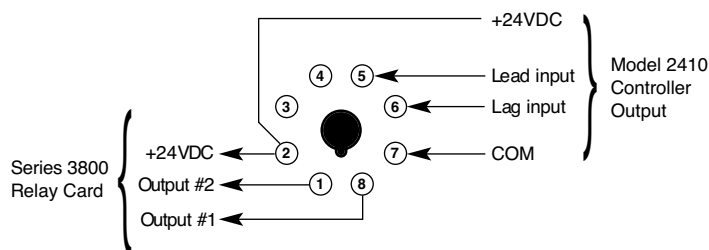
... A reliable, modular unit designed specifically for use with the Model 2410 Controller to provide alternation.

### DESCRIPTION

The Essex Engineering Model 3905 Duplex Electronic Alternator is a modular unit designed to be used between the Model 2410 Controller and the Series 3800 relay card. Its modular construction provides for easy replacement and/or trouble shooting. It plugs into a standard eight pin socket. The unit has two LED's on the cover to indicate which output will be LEAD on the next activation.



### ELECTRICAL CONNECTIONS



### MODEL 3905 SPECIFICATIONS

**AMBIENT OPERATING TEMPERATURE RANGE**  
0 to 40 °C

**POWER INPUT**  
24 VDC  $\pm$  10% 15mA maximum

**MODULE INPUTS**  
Contact closure from either pin 5 or 6 to COM  
15VDC @ 1mA maximum

**MODULE OUTPUTS**  
NPN transistor output  
50VDC @ 60mA maximum

**PHYSICAL DIMENSIONS**  
2.375(W) x 1.75(D) x 3.00(H), base to top of LED