"801" RELAY BOARD
INSTALLATION GUIDE

FEATURES

- ➢ EIGHT 30 AMP SPDT RELAY CIRCUITS
- ➢ 5 POSITION SCREW TERMINAL BLOCK CONNECTIONS
- ➢ INDIVIDUAL LED TRIGGER INDICATORS
- ➢ DAISEY CHAIN JUMPERS FOR TRIGGERING RELAY GANGS
- ➢ BREAK-AWAY BOARD DESIGN FOR USE AS SINGLE OR MULTIPLE RELAYS
- ➢ SOCKETED OR SOLDERED RELAYS
- ➢ CLEARLY MARKED RELAY CIRCUITS
- ➢ USE IN CUSTOM 12 TO 24 VOLT AUTOMOTIVE APPLICATIONS

CIRCUIT LEGEND

- o 85   - NEGATIVE OR GROUND TRIGGER / COIL INPUT (REQUIRED)
- o 87   - NORMALLY OPEN CONTACT
- o 30   - COMMON / POLE / WIPER
- o 87A   - NORMALLY CLOSED CONTACT
- o 86   - POSITIVE TRIGGER / COIL INPUT (REQUIRED)
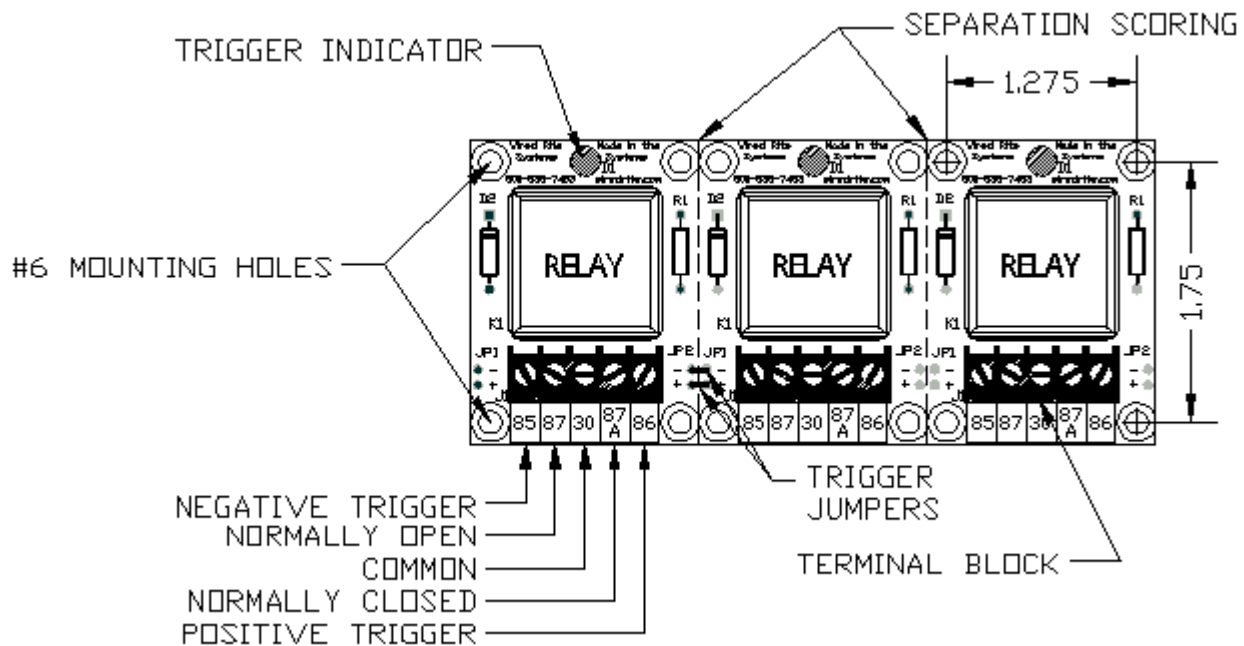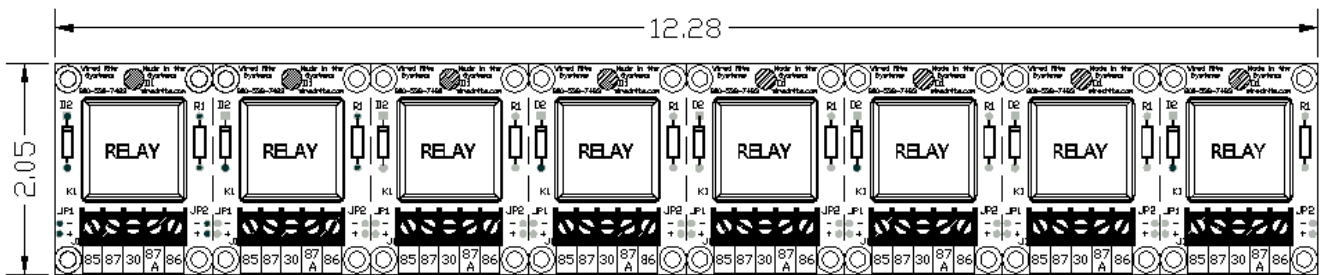
*NOTE: THE "801" MAY BE ORDERED WITHOUT DIODE SUPPRESSION AND BIPOLAR INDICATORS FOR BIPOLAR TRIGGERING

- o JP1 (-) & JP2 (-)   - NEGATIVE (85) JUMPER RECEPTACLES
- o JP1 (+) & JP2 (+)   - POSITIVE (86) JUMPER RECEPTACLES

*NOTE: BY PLACING JUMPERS FROM THE NEGATIVES (-) OF ONE BOARD TO THE NEXT BOARD AND FROM THE POSITIVES (+) OF ONE BOARD TO THE NEXT BOARD, TRIGGERING IS SHARED BETWEEN RELAYS. THIS CAN BE DONE FOR COMPLETE, PARTIAL, OR MULTIPLE "801" RELAY BOARDS TO HAVE SOME OR ALL OF THE RELAYS TRIGGER TOGETHER FROM ONE SET OF POSITIVE AND NEGATIVE INPUT WIRES.

MOUNTING

- EACH RELAY CIRCUIT SUB-BOARD OF THE "801" RELAY BOARD IS DESIGNED WITH FOUR MOUNTING HOLES FOR INDIVIDUAL, PARTIAL, OR COMPLETE "801" RELAY BOARD MOUNTING. THE RECOMMENDED #6 MOUNTING HARDWARE IS INCLUDED, BUT PLEASE SPECIFY ANY SPECIFIC NEEDS WHEN ORDERING.
- THE SPACIAL REQUIREMENTS ARE AS FOLLOWS:
  WITH ½" STANDOFFS AND SOCKETED RELAYS
  -COMPLETE "801" RELAY BOARD
      HEIGHT: 2.20 IN.   WIDTH: 2.05 IN.   LENGTH: 12.28 IN.
  -INDIVIDUAL RELAY "801" SUB-BOARD
      HEIGHT: 2.20 IN.   WIDTH: 2.05 IN.   LENGTH: 1.54 IN.
- THE "801" RELAY BOARD COMES PRE-SCORED BETWEEN EACH RELAY CIRCUIT FOR EASY SEPARATION. TO SEPARATE, SIMPLY BEND AND SNAP OFF BOARD AT DESIRED PRE-SCORED SEPARATION LINE.