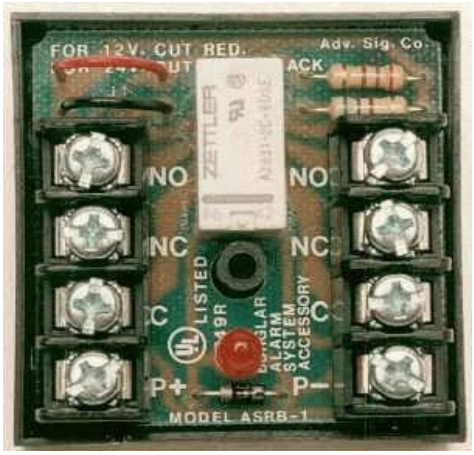
ASRB-1 Relay Board



- Measures Just 2” x 2” x 0.9”
- Operates at 6,12 or 24VDC
- UL Listed Burglar Alarm Accessory
- Contacts rated for:
- 2 A @30VDC
- 2 A @ 125VAC
- Includes 2 sets of Isolated Contacts
- Standard DPDT (2 Form C) Relay
- Mount with Tape, Screw, or optionally DIN Rail or Snap Track
- Proven Quality for over 20 years!

APPLICATIONS:

- The ASRB-1 is a Security System Accessory – Provides greater voltage and current switching when paired with an appropriate Burglar Alarm System, Door Switch or practically any switching need, including:

  - Light and Siren Annunciation
  - Magnetic Door Release
  - Remote Power Control
  - Camera Power Control
  - Small Motor Control
  - Signal Line Switching
  - Door Tamper Alarm
  - Numerous applications where power or signal switching are needed!

  See the many on-line examples on how you can apply the ASRB-1

For more information contact:

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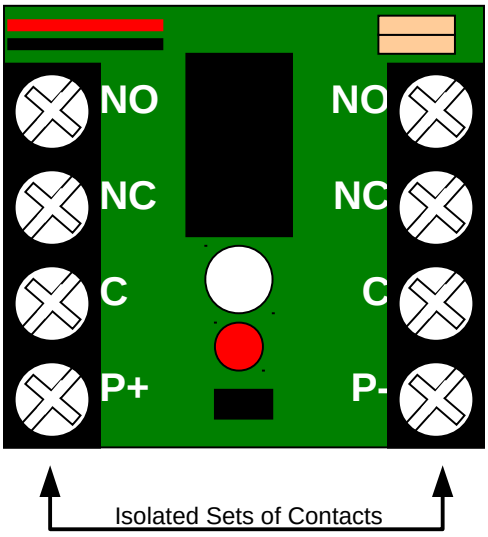
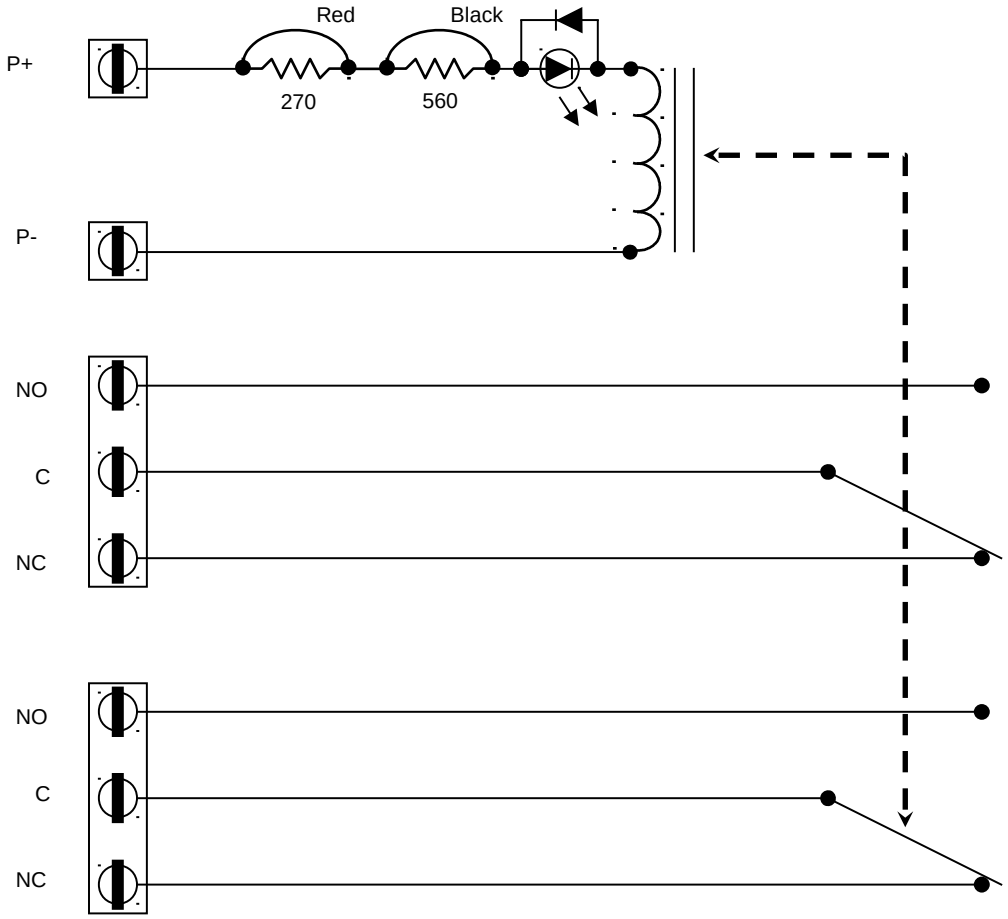


- P+ is Positive DC Power in. Depending on voltages applied, cut appropriate jumpers noted below.
- P- is the Negative DC or Return to the DC supply.
- Current drawn through the P+ / P- contacts (relay coil winding) is typically 24-25ma, 27ma maximum.
- C is the relay contacts Common connection
- NO is the relay contact Normally Open connection, which is Normally Open from Common when no power is applied to the P+ / P- relay coil.
- NC is the relay contacts Normally Closed connection, which is Normally Closed or shorted to Common when no power is applied to the P+ / P- relay coil
- Note the LED may light even though the voltage is not adequate to energize the relay coil. Always check the jumpers and applied voltage to assure proper operation.
- The ASRB-1 relay requires clean DC voltages on the P+ / P- Relay Coil Connections, no AC should be applied to the P+/P- connections

Equivalent ASRB-1 Schematic



The ASRB-1 uses a 5 VDC relay. Resistance in series with the relay is needed to alleviate stress on the relay and LED when higher voltages are applied.

To use the relay board with 12V, cut the red jumper
To use the relay board with 24V, cut the red and black jumper