

Noby 21

Relay Module

The **Noby-21 Relay Module** is designed for use in both 12v and 24v alarm systems. The DPDT voltage-free contacts permit switching of two independant circuits. Bridging the two contact sets together creates an effective single contact with a switching capacity of up to 4 amps. An on-board LED displays the activation state of the relay. Two adhesive mounting pillars are supplied with the Noby-21.

Typical applications include:

- switching high currents directly from the battery (via an in-line fuse).
- signal isolation between various parts of a system operating at different voltage supplies.

Figure 1 illustrates a 2-wire connection which is suitable for most outputs capable of delivering in excess of 20mA. Note that a link must be connected between the +ve Vs terminal and the signal input as shown. The arrangement shown in Figure 2 is applicable where only a weak signal output is available from by the alarm equipment. In this case the Noby-21 is powered from an auxillary supply voltage, with the relay now being driven by the signal line.

Figure 1: 2-wire Connection

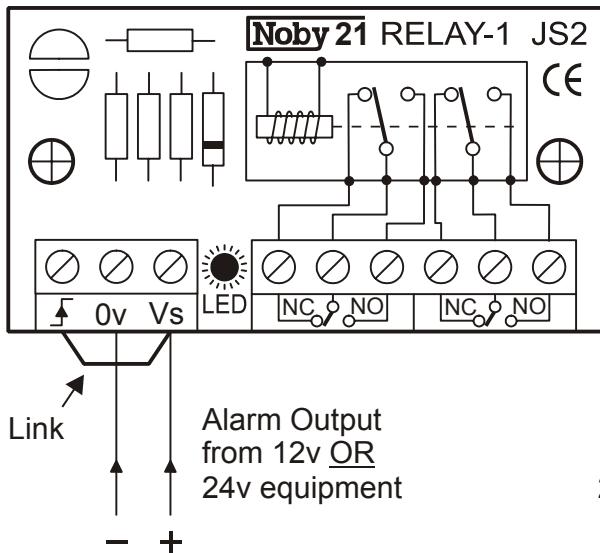
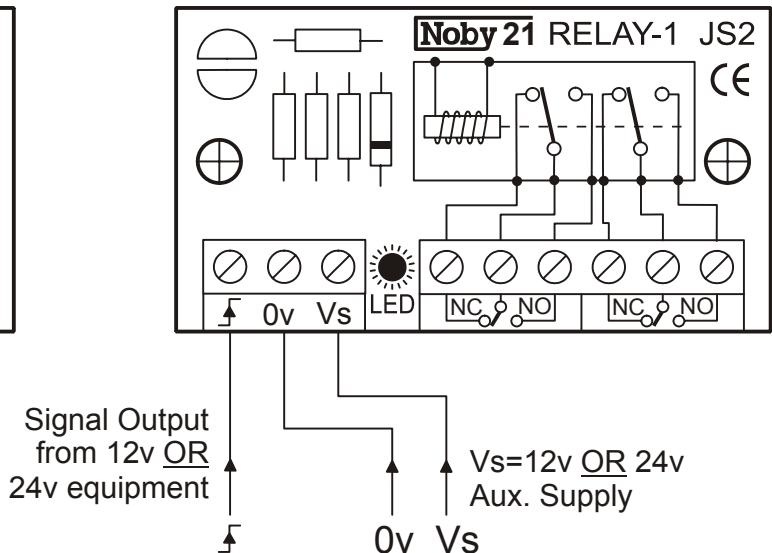


Figure 2: 3-wire Connection



THIS DEVICE IS NOT INTENDED FOR SWITCHING 230VAC OR OTHER DANGEROUS VOLTAGES, AND ANY ATTEMPT TO DO SO MAY CREATE AN ELECTRICAL SHOCK HAZARD.

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