Relay Board Latch

(for expansion of Trak-DT family of detectors or for seperate use)

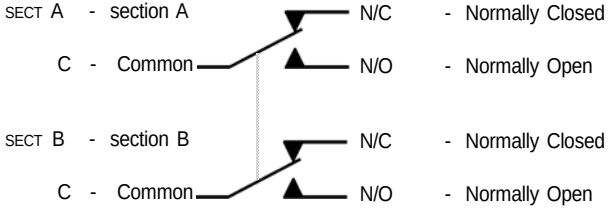
Item #568

The RELAY BOARD Latch consists of a Double Pole Double Throw (DPDT) 12 volt DC latching relay. The RELAY BOARD Latch has two input coils with a common connection to the "+" (B.6). It will latch any momentary input and remember that position. It can either be used with 12 volts DC coil power or by connecting to other DALLEE products with the appropriate optional wire harness.

When used as an expansion relay board to other DALLEE products, connect the two prong wire harness, item #222, to the "expansion jack" (EXP) on the Trak-DT or other DT type board and each wire to the proper coil terminals of this board (shown on back). Only 1 red wire needs to be connected from the Trak-DT units but both must share the same 12v regulated DC.

Connecting to the Trak-DTRL, item #566, requires a 3 pin wire harness, item #223.

RELAY ratings: 8 amperes, 250 volts AC. Coil current = 0.04 amps.



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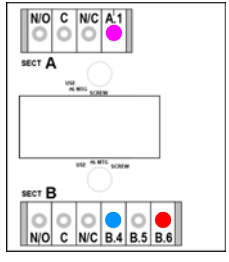
N/O - Normally Open
C - Common
N/C - Normally Closed

+12vDC - Relay Coil "+" ● B.6
SET - Relay Coil 2 ● B.4
RESET - Relay Coil 1 ● A.1

SECT A - section A
SECT B - section B



function | relay position
SET.....C-»N/O
RESET.....C-»N/C

SET & RESET at the same time results in an unknown position, i.e. one or the other.

B.5 may be used to join wires. It has no electrical connections on this board.

Requires wire harness for connecting to Trak-DT type units, one item #223 for Trak-DTRL, two item #222, or wire to 12 volt DC source for proper operation.

Trak-DTRL: to match the Trak-DTRL's relay operation, wire the RED wire to B.6, Black wire to A.1, and the White wire to B.4.

DT, DTT's, etc. : the red and gray 2 pin connector wires go to the marked red B.6 (to Red), blue B.4 or pink A.1 (to each Gray wire) barrier strip connections. When using with two Trak-DT type units, only 1 red wire gets connected. Both Trak-DT types must be powered by the same 12VPS.

Install wires by stripping insulation back 3/16", place wire in hole, run screw down (clockwise) to clamp in position. Fold smaller gauge wire for proper clamping.