

New

expansion Relay Boards

The expansion Relay Board has physically changed a bit and there are now two others added to the selection. All of these units contain a DPDT (Double Pole Double Throw) set of relay contacts. They are designed to work in conjunction with the other Dallee Signaling / Automation detection systems like the Trak-DT, Trak-DTT, and Trak-DTT2, Trak-DTL. They will also work with the Dallee Trak-DTRL and Opto-DT units as well, but will require some soldering to the main board. They can also be used with other 12 volt, light current type, switch control systems to obtain higher current outputs via the relay. The boards all measure 1.75" x 2" and contain two standoff's for mounting with #6 screws.

The expansion "Relay Board", item 555, is supplied with a two pin mating harness (item 222) to facilitate easy connection to the "EXP" connector provided on the Trak-DT family of boards. This way the standard DPDT relay is "expanded" to a 4PDT, thus doubling it's number of contacts. It also has two barrier strips to wire the relay contacts and coil. The relay contacts are rated at 5 amperes.

The expansion "Relay Board-Latch", item 568, is supplied with 2 two pin mating harness (item 222) to facilitate easy connection to the "EXP" connector provided on the Trak-DT family of boards. It also has two barrier strips to wire the relay contacts and coils to. This unit contains a latching relay with two relay coils. This allows for adding another relay to the Trak-DTRL to yield a 4PDT (4 pole double throw) relay. It can also be used with two Trak-DT type units, one to set the relay on, another to set it off. This way the main relay on the Trak-DT type will perform it's standard function while this latching relay will hold the position of it's relay. Thus a Trak-DTT will yield a momentary operation of it's main relay while this relay will latch that position on. The benefit of this for instance is that the Trak-DTT could be used to power the momentary switch coil power while the expansion latching relay can keep the position of the switch to do power and/or signal routing. Two Trak-DTT's would be required to automate a twin coil switch operation. It will also remember the last state it was in after power is removed and reapplied later. The relay contacts are rated at 8 amperes.

The expansion "Relay Board-Inv", item 569, is supplied with a two pin mating harness (item 222) to facilitate easy connection to the "EXP" connector provided on the Trak-DT family of boards. It also has two barrier strips to wire the relay contacts as well as the input and control power to the board. This unit inverts the relay position of the Trak-DT type units, i.e. the relay is normally ON while the Trak-DT's relay is OFF. This comes in handy when creating automated systems that an opposite function is required in the powered off state vs the powered on state without the Trak-DT becoming energized via it's sense current activation. The relay contacts are rated at 5 amperes. This unit can also be controlled via a switch input to it's control connection.



Relay Board #555



Relay Board Latch #568



Relay Board - Inv #569

Pricing is as follows:

expansion: Relay Board, item #555 - \$19.95, Relay Board Latch, item #568 - \$29.95, Relay Board Inv, item #569 - \$29.95.

Ordering information is on our web site as well - www.dallee.com.

All email should be directed to "info@dallee.com". When sending email to us, don't forget to let your ISP or email program / filter know that you are expecting email from us so that we can respond to your email.

We sell direct and to qualified dealers. *all orders require a minimum \$12 - \$14 s/h charge.