

New Trak-DTRL

Replace those magnet / reed swith type LGB operations as well as other types of items used to automate your display with the Trak-DTRL!

Trak-DeTector Resetable Latch

Item # 566

Automate those nasty reverse loops, back-n-forth's, and much more with the TRAK-DTRL. This is useful with all types of track power. Use the TRAK-DTRL to automate the reverse polarity function required to operate an automatic back-n-forth. You can also use the TRAK-DTRL to automate the control of polarity reverse type switch machines. You might also want to sequence operations in a certain manner. Whatever you want to operate with a settable and resettable occurrence, the TRAK-DTRL will do it for you!

The TRAK-DTRL is a variation of current detection (TRAK-DT) that includes a latching circuit to hold the relay position. The TRAK-DTRL is unique in that it has memory added to it's operation. Not only will it remember it's last state during a session, it will also remember it between power cycles as well. The TRAK-DTRL varies from the standard TRAK-DT and other members of it's family in that it has two sense coils. One of these coils operates the relay to it's "SET" position, the other input coil operates the relay to it's "RESET" position.

It does not matter how many times current flows in it's "SET" or "RESET" sense coil. It will not change state until a different sense coil is activated. Each sense coil activation is also shown via a RED LED. In the case that both sense coils are triggered at the same time, the "RESET" input coil will take precedence over the "SET" coil's action. Also, if one of the input's is active, the other input coil is deactivated. This prevents rapid triggering of the relay's position and yields a more positive outcome.

Since the relay has double pole double throw (DPDT) contacts it can be wired as a polarity reversing switch. This allows the TRAK-DTRL to be used with signal's as well as automated reversing loops or switch machine (dc type) control as well as other train automation.

The TRAK-DTRL can also be used to set up sequential functions by having the relay enable other devices when activated and disable these devices when relaxed. A typical way of forcing block or timed stops is to merely turn on a ballast lamp while passing the lamp power through the other detectors sense coils. All kinds of automation and wiring can be done with the TRAK-DT family with simple wiring of the logic you want your trains to do! The RED LED provides for an easy visual indication for which activation has been sensed. They are only illuminated during the sense period and do not indicate the status of the relay's contacts.

It is also necessary to provide power for the electronics. In order for the electronics to function properly it is essential that a "regulated" power supply of 12 VDC be employed. This 12 VDC power is only for the electronics and has absolutely nothing to do with track power. Failure to use a "regulated" 12 VDC can cause erratic functioning or actual destruction of the TRAK-DT which is not covered under warranty. The 12VPS (item 369, pg 37) is ideal for this function.

Pricing for the Trak-DTRL, Item #566, \$44.95*, 12VPS, Item #369, \$14.95.

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

All email should be directed to "info@dallee.com". Please don't forget to put a subject title into the subject line, otherwise your email will be deleted as SPAM. Also, when sending email to us, don't forget to let your ISP know that you are expecting email from us so that we are allowed to respond to your inquiry.

We sell direct and to qualified dealers.

*all orders require a minimum \$10.50 s/h charge.

