

TRAK-DTL

The TRAK-DTL operates it's relay every other time current flows in the wire that passes through the sense coil (performing a latch function). The TRAK-DTL is equipped with a Double Pole Double Throw (DPDT) relay capable of carrying 5 amperes of current on each pole. One pole is located with the "+" DC input power strip, the other is with the "-" DC input power strip.

Item #366

The TRAK-DTL can operate automatic back-n-forth (as shown), ladder sequences, and reverse loop functions (trip the TRAK-DTL when leaving each loop and entering the main). The TRAK-DTL relay stays relaxed when power is initially applied. When current flows in the wire passing through the sense coil the relay will activate. After current flow ceases for a few seconds and then flows again the relay will relax. This sequence will again repeat itself after a few seconds have passed without current flowing in the sense coil. You do need a few seconds between entering each REVERSE section for the above circuit to operate properly. You also cannot use illuminated bumpers unless you again cut gaps in the rails to keep them from drawing track power from the wire that passes through the sense coil!

- N/O - NORMALLY OPENconnects to the COMMON ("C") when the relay is activated.
- C - COMMON.....meaning it connects to either the NORMALLY CLOSED or NORMALLY OPEN, depending on the TRAK-DTL status.
- N/C - NORMALLY CLOSED.....connects to the COMMON ("C") when the relay is relaxed.

DC input power must come from a regulated 12 volt DC power source. Any other input will damage the TRAK-DTL, the fixed DC terminals of any power pack is not acceptable and will damage the TRAK-DTL. You MUST connect the "+" and "-" terminals correctly. It is best advised to do your connections before applying any power to either your track or accessories. Each Trak-DTL consumes approximately 5 milliamps at idle, 45 milliamps activated (RED LED on).



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AUTOMATIC BACK-N-FORTH

install stranded wires by stripping insulation back 3/16", place wire in hole, run screw down to clamp in position. Make sure wires do not short to adjacent terminals!

