



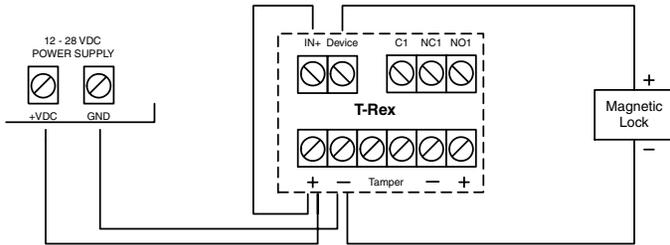
Exit Detector

Installation Instructions Addendum

NOTE: The installation instructions addendum is to be used in conjunction with the existing installation instructions (DSC part number 29004104).

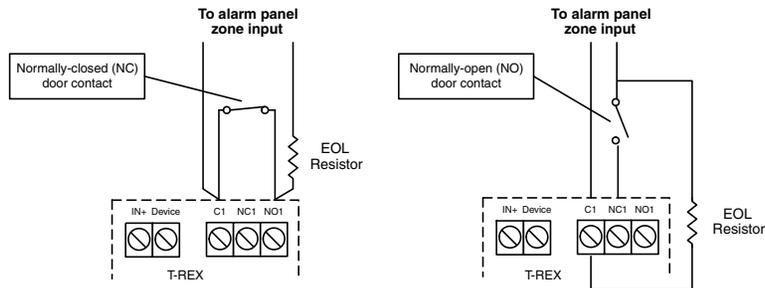
Lock Control Relay

This is a normally closed circuit, which opens for a period of 2 seconds immediately following detection. The contact can be used to temporarily remove power to a magnetic lock in applications where an alarm point does not require shunting as illustrated below.



Main Relay Contacts

This circuit will activate immediately following detection and can be used to shunt an alarm point on a security system or trigger a request-to-exit (REX) input on an access control system. The duration that the relay remains active depends on the setting of the main relay timer jumpers as well as the fast and latch jumpers (described on the installation instructions). For connection to an access control system, use NC1/NO1 and C1 and connect to the REX input as outlined in the system's wiring instructions. The connections for shunting a door contact are shown below.



NOTE: The EOL resistor should be located within the T.Rex housing to provide proper supervision.

Buzzer Terminals

Connection of a normally open contact across the buzzer terminals allows for control of the internal piezo buzzer. The buzzer will activate when a short circuit is present across the + and - buzzer terminals and will silence upon removal of the short circuit.

Detection Pattern Adjustment

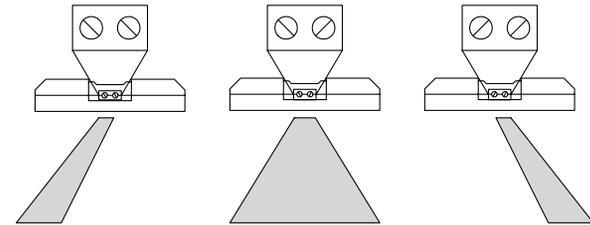
Note: The barrel locking screw should be loosened to allow free rotation of the barrel assembly during the setup of the detection pattern.

The adjustment of the detection pattern is accomplished by the combination of rotating the barrel assembly as well as adjusting the targeting screws. It may be desired that the main relay timer jumpers be adjusted to reduce the relay on time to minimize wait times between tests when verifying coverage.

1. Insert a small flathead screwdriver into one of the targeting screws, located just below the detector lens. Turn the screw clockwise or counter-clockwise to adjust the coverage pattern to the right or left of the detector respectively. Repeat the process for the other screw. Adjust the targeting screws to provide the desired coverage. Please refer to the diagrams below for examples of coverage patterns in respect to the targeting screw locations.

Note: The slots on the louver adjustment screws indicate the position of the internal louvers to serve as an external adjustment guide.

CAUTION: The total adjustment range (from far-left to far-right position or vice versa) of each louver is approximately 90° and care should be taken not to turn the louver too far. Stop turning the louver when you feel resistance to avoid damage to the unit.



2. Rotate the barrel assembly up or down as required. This will adjust the detection zone away from or towards the door respectively. If the detector is mounted directly above the door, it is recommended that the detection area be directed away from the door. To achieve this, rotate the barrel assembly so that the lower edge of the detector lens is about 1/4" above the edge of the case.
3. Perform a walk test of the unit to determine whether the desired coverage is achieved. If you are satisfied with the coverage, proceed to step 4. If not, repeat steps 1-3 until the desired coverage is achieved. During this process, you may have to rotate the barrel assembly up to gain access to the targeting screws.
4. Remove the cover and tighten the barrel locking screw to hold the barrel assembly in place. Configure the jumpers for the desired settings if you haven't already and replace the cover. Insert the cover retaining screw in the detector.

Note: The retaining screw is required for UL Listed applications.





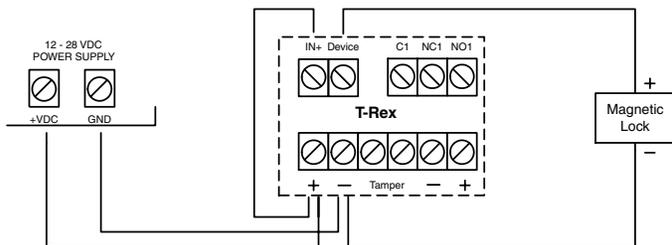
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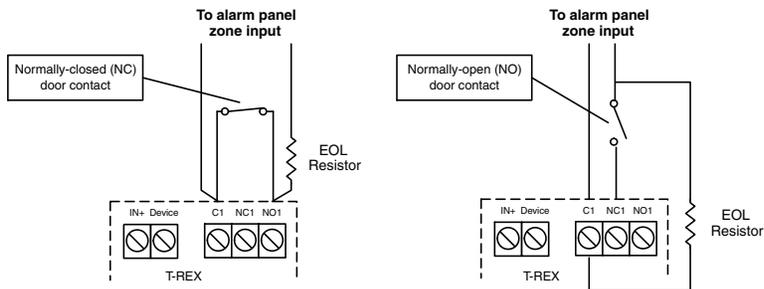
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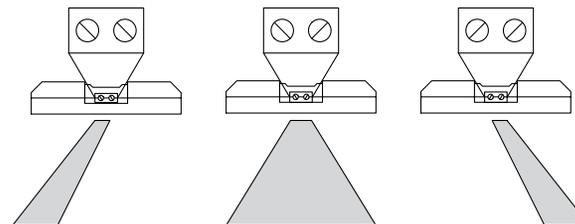
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