TRINE ACCESS TECHNOLOGY

MODEL

017TDC

Wireless Remote Receiver/Controller

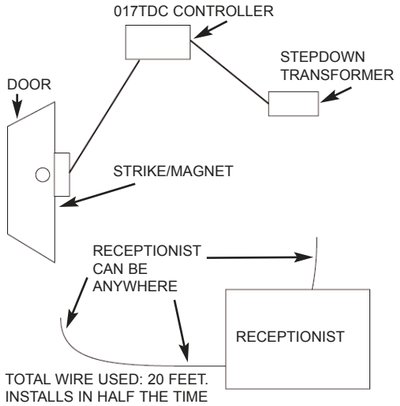
Instruction Manual

FEATURES

- 318 mhz Frequency
- 2-30 Second Timer Delay
- 3 amp Normally Open and Normally Closed. Wet Contacts rated at 12-24 volts AC/DC
- 1 Amp Auxiliary Normally Open & Normally Closed. Dry Contacts rated at 6-24 volts AC/DC
- Built in Monopole Antenna,
- Ceramic tuned resennator
- Superheterodyne receiver-low radiant
- 6561 Securiy Codes

APPLICATIONS:

The 017TDC Controller can be used to operate low voltage devices from a remote location by means of a hand-held wireless transmitter model (018-1). This eliminates the need to run wire from the load (electric strike, magnet, bolt, etc.) and transformer back to a switch in order to activate it.



The receiver has a voltage operating range of 12V to 24V, AC or DC (wet). When using a DC power source it's important to NOT cross the (+) and (-) leads. Each receiver is clearly marked for the power in and power out terminals.

The auxiliary dry form "C" contacts are rated 6-24 volts AC or DC at 1 amp - with a hermetically sealed relay.

The 017TDC has a built-in time delay feature with a range of 2-30 seconds. This is used to time how long you want the relay to remian open or closed. This can be adjusted by simply turning the knob which is located next to the dip switch.

GENERAL INFORMATION:

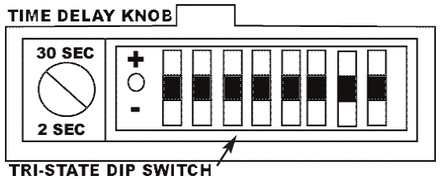
The remote controlled receiver is activated by an RF (radio frequency) signal. This signal is generated from a handheld wireless transmitter model (018-1), which is portable. When used in structures that have a high content of metal, the range will be reduced from its established 150 feet (line of sight). The receiver may be placed in a ceiling or mounted on the wall as long as the wire antenna is not obstructed or laid against any metal surface. The white antenna wire should be kept exposed.

INSTALLATION:

Your 017TDC receiver is equipped with a dip switch that offers 6561 different codes to reduce interference from other wireless devices. In the event of a false activation of the receiver by another device, the codes

can be changed thereby eliminating the false trigger. Simply remove the cover on the unit to expose the switches.

The diagram illustrates the eight (3) position dip switch.



It is not recommended that all of the switches are left in the same position.

It is important to remember that the dip switch setting in the o17TDC must match the setting in the model 018-1 transmitter. With the dip switches on both the receiver and transmitter matching, the installation is ready to begin.

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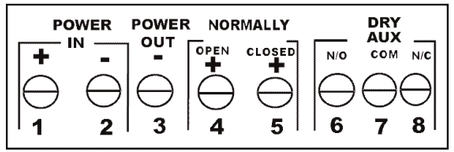
Section 15.21 I*nformation to User*

The users manual or instruction manual for an intentional or unintentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

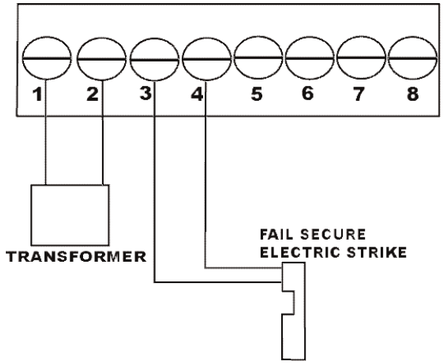
The following diagrams show the correct wiring required for an electric strike (normally open contact) and an electro magnetic lock (normally closed). This is simply an illustration and its important to remember that devices other than the ones illustrated can be used.

017TDC CONTACT TERMINAL MARKINGS



ELECTRIC STRIKE

NORMALLY OPEN
CIRCUIT USED

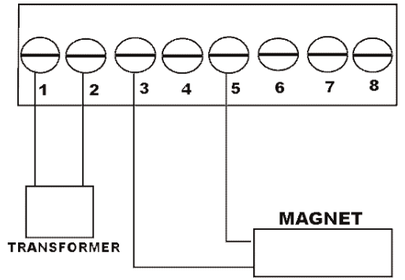


POWER IN
1 - POSITIVE +
2 - NEGATIVE -

POWER OUT
3 - POWER -
4 - NORMALLY OPEN +

FAIL SAFE ELECTRIC STRIKE OR ELECTRO MAGNETIC LOCK

NORMALLY CLOSED
CIRCUIT USED

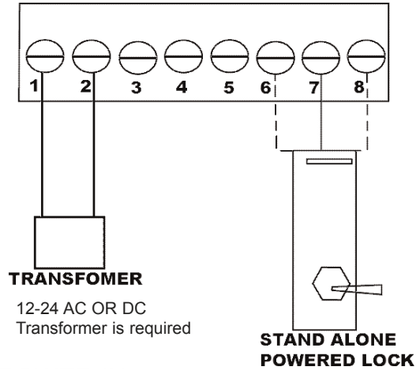


POWER IN
1 - POSITIVE +
2 - NEGATIVE -

POWER OUT
3 - POWER -
5 - NORMALLY CLOSED +

STAND ALONE SELF POWER DEVICE

NORMALLY CLOSED OR NORMALLY OPEN
DRY CIRCUIT USED



POWER IN
1 - POSITIVE +
2 - NEGATIVE -

POWER LOOP
6 - NORMALLY OPEN +
7 - COMMON -
8 - NORMALLY CLOSED+
(NOTE: SELECT ONE CONTACT)