RF-433
433 MHz TRANSMITTERS AND RECEIVERS

EASY INSTALLATION AND PROGRAMMING

DESCRIPTION
BEA’s 433 MHz, digital, radio-control transmitters and receivers are universally compatible with any type of automatic door application. The RF-433 series provides both reliability and efficiency in a wide range of wireless applications.

FEATURES
- Uses a rolling code each time a transmitter is activated
- Delay or no delay programming options (i.e. vestibule applications)
- Up to 100 transmitters can be programmed into a single receiver
- Can remove transmitter codes individually or all at once
- Individual transmitters can be programmed to an unlimited number of receivers
- The red LED on the transmitter confirms transmission and battery life
- The red LED on the receiver confirms transmission and provides troubleshooting assistance
### BENEFITS
- Ideal for wireless activation and/or sequencing of automatic doors
- A rolling code is transmitted every time the transmitter is activated, providing a secure signal
- Universally compatible with all types of automatic doors
- An extended hold time receiver is available for holding a door open indefinitely as long as a transmitter is pressed
- Toggle or pulse mode selectable by DIP switch
- 0.5 or 10 second relay hold time
- Field replaceable 9 V battery (10TD433PB9V)

### RECEIVING FEATURES

#### RF-433
Digital Receiver

- **ANTENNA WIRE**
- **TERMINAL STRIP**
- **LEARN WITH DELAY BUTTON**
- **DELAY POTENTIOMETER** (Time Adjustment)
- **BLUE LED** (Relay Activation)
- **RED LED** (Receiver Learn)
- **DIP SWITCH**
- **LEARN WITHOUT DELAY BUTTON**

#### TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
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<tbody>
<tr>
<td>Frequency</td>
<td>433 MHz</td>
</tr>
<tr>
<td>Radio Control Type</td>
<td>Digital</td>
</tr>
<tr>
<td>Emitted Radio Power</td>
<td>$-28.7$ dBm (transmitter)</td>
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<tr>
<td>Power Consumption</td>
<td>3 mA (transmitter); 30 mA (receiver)</td>
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<tr>
<td>Input Voltage</td>
<td>12 to 24 VAC / VDC</td>
</tr>
<tr>
<td>Contact Rating</td>
<td>1.0 A @ 30 VDC</td>
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<tr>
<td></td>
<td>0.5 A @ 125 VAC</td>
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<tr>
<td></td>
<td>0.3 A @ 60 VDC</td>
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<tr>
<td>Operating Temperature</td>
<td>+14ºF to +131ºF</td>
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<tr>
<td>Max. Transmitters per Receiver</td>
<td>100 transmitters</td>
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<tr>
<td>LED Functionality</td>
<td>Red: Relay Activity; Blue: Receiver / Transmitter Learn</td>
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</table>
| Dimensions (L×W×H)         | Receiver: 2.75" × 2.125" × 1.0"
|                            | Transmitter: 2.75" × 1.375" × 0.6"                |
| Certifications            | CE, FCC, IC                                         |

Specifications are subject to change without prior notice.

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