

Thin wireless door/window contact transmitter

WC10

The WC10 is a surface mounted Door/Window Contact that can be installed on doors, windows, and many other objects that open and close. The sensor transmits signals to the control panel or receiver when a magnet mounted near the sensor is moved away from or closer to the sensor. The sensor has an external input that accepts N/C dry contact devices. The sensor is also equipped with a cover tamper for additional security.

Specification:

| | | | |
|----------------------------------|---|-------------|-------------|
| Wireless Signal Range | 350 ft., open air, with compatible Wireless Alarm Control Panel | | |
| Code Outputs | Alarm; Alarm Restore; External Alarm; External Restore; Tamper; Tamper Restore; Supervisory; Low Battery | | |
| Transmitter Frequency | 345.000 MHz | 319.508 MHz | 433.920 MHz |
| Transmitter Frequency Tolerance | ± 15 kHz | ± 10 kHz | ± 15 kHz |
| Transmitter Bandwidth | 24 kHz | 24 kHz | 24 kHz |
| Modulation Type | Amplitude Shift Keying—On/Off Keying (ASK-OOK) | | |
| Unique ID Codes | Over one (1) million different code combinations | | |
| Supervisory Interval | 70 minutes | | |
| Peak Field Strength | Typical 16,000 uV/m at 3m | | |
| External Input Sampling Current | 20 uA | | |
| External Input | Accepts N/C dry contact devices | | |
| Reed Switch Magnetic Sensitivity | 10 to 15 amp turns | | |
| Reed Sensitivity | 0.625 in. (1.59 cm) minimum gap, 1 in. (25 cm) typical | | |
| Magnet Type | Rare earth | | |
| Magnet Dimensions (LxWxH) | 1.5 x 0.37 x 0.26 in. (3.8 x 0.94 x 0.65 cm) | | |
| Sensor Dimensions (LxWxH) | 2.59 x 1.03 x 0.52 in. (6.59 x 2.63 x 1.32 cm) | | |
| Housing Material | ABS plastic | | |
| Color | White, Tan or Brown available | | |
| Operating Temperature | 32° to 120°F (0° to 49°C) | | |
| Relative Humidity | 5-95% Non-Condensing | | |
| Battery (included) | Two (2) CR2032 | | |
| Battery life | 2 years (on normal condition) | | |
| Regulatory Listing | FCC Part 15 | | |
| Warranty | Two (2) years(limited) | | |
| Included Accessories | Two (2) Phillip's flat-head screws, one (1) two-pin connector with a 12" flying 2-wire lead, adhesive strip | | |
| Weight | 1.16 oz. (33 g) (including battery & magnet) | | |

Models available:

WC10-H: compatible with Honeywell and 2GIG wireless panel (345MHz)

WC10-2: compatible with 2GIG wireless panel (345MHz)

WC10-G: compatible with GE Intelogix wireless panel (319.508MHz)

WC10-D: compatible with DSC wireless panel (433.92MHz)

Note: Other protocol and frequency available upon special request.

Color available: White, Tan and Brown



Ultra-Thin wireless door/window contact transmitter

WC12/WC12B

The WC12 series is a surface mounted Door/Window Contact that can be installed on doors, windows, and many other objects that open and close. The sensor transmits signals to the control panel or receiver when a magnet mounted near the sensor is moved away from or closer to the sensor. The sensor is also equipped with a cover tamper for additional security. WC12B is with bypass button.

Specification:

| | | | |
|----------------------------------|---|-------------|-------------|
| Wireless Signal Range | 350 ft., open air, with compatible Wireless Alarm Control Panel | | |
| Code Outputs | Alarm; Alarm Restore; Tamper; Tamper Restore; Supervisory; Low Battery | | |
| Transmitter Frequency | 345.000 MHz | 319.508 MHz | 433.920 MHz |
| Transmitter Frequency Tolerance | ± 15 kHz | ± 10 kHz | ± 15 kHz |
| Transmitter Bandwidth | 24 kHz | 24 kHz | 24 kHz |
| Modulation Type | Amplitude Shift Keying—On/Off Keying (ASK-OOK) | | |
| Unique ID Codes | Over one (1) million different code combinations | | |
| Supervisory Interval | 70 minutes | | |
| Peak Field Strength | Typical 16,000 uV/m at 3m | | |
| Reed Switch Magnetic Sensitivity | 10 to 15 amp turns | | |
| Reed Sensitivity | 0.625 in. (1.59 cm) minimum gap, 1 in. (25 cm) typical | | |
| Magnet Type | Rare earth | | |
| Magnet Dimensions (LxWxH) | 1.1 x 0.393 x 0.28 in. (2.8 x 1.0 x 0.72 cm) with VHB tape | | |
| Sensor Dimensions (LxWxH) | 2.28 x 1.01 x 0.29 in. (5.8 x 2.56 x 0.74 cm) with VHB tape | | |
| Housing Material | ABS plastic | | |
| Color | White, Tan or Brown available | | |
| Operating Temperature | 32° to 120°F (0° to 49°C) | | |
| Relative Humidity | 5-95% Non-Condensing | | |
| Battery (included) | One (1) CR2032 | | |
| Battery life | 1 year (on normal condition) | | |
| Regulatory Listing | FCC Part 15 | | |
| Warranty | Two (2) years(limited) | | |
| Included Accessories | Two (2) Phillip's flat-head screws, one (1) two-pin connector with a 12" flying 2-wire lead, adhesive strip | | |
| Weight | 0.09 oz. (27 g) (including battery & magnet) | | |

Models available:

WC12(B)-H: compatible with Honeywell and 2GIG wireless panel (345MHz)

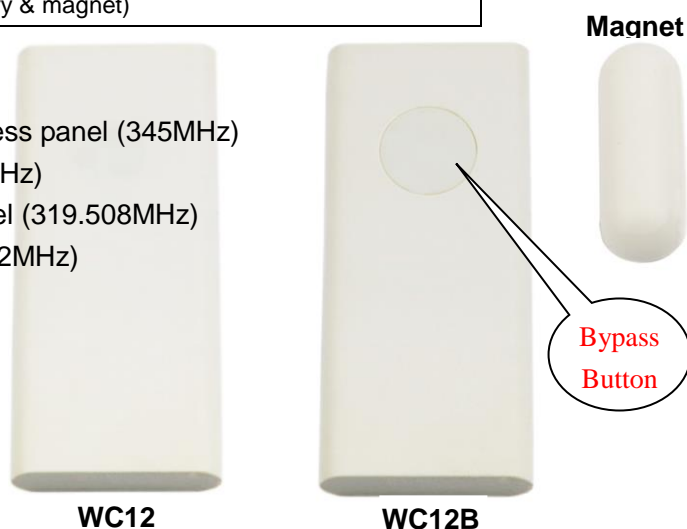
WC12(B)-2: compatible with 2GIG wireless panel (345MHz)

WC12(B)-G: compatible with GE Interlogix wireless panel (319.508MHz)

WC12(B)-D: compatible with DSC wireless panel (433.92MHz)

Note: Other protocol and frequency available upon special request.

Color available: White, Tan and Brown



Recessed wireless door/window contact transmitter WC20-345

The WC20 is the industry's most flexible supervised recessed door/window contact, allowing a multitude of applications while hiding the transmitter within a door or window frame. The sensor transmits signals to the control panel or receiver when a magnet mounted near the sensor is moved away from or closer to the sensor. The WC20 uses a replaceable lithium battery and should last 6 years under normal usage.

Specification:

| | | | |
|----------------------------------|---|-------------|-------------|
| Wireless Signal Range | 450 ft., open air, with 2GIG or Honeywell Wireless Alarm Control Panel | | |
| Code Outputs | Alarm; Alarm Restore; Supervisory; Low Battery | | |
| Transmitter Frequency | 345.000 MHz | 319.508 MHz | 433.920 MHz |
| Transmitter Frequency Tolerance | ± 15 kHz | ± 10 kHz | ± 15 kHz |
| Transmitter Bandwidth | 24 kHz | 24 kHz | 24 kHz |
| Modulation Type | Amplitude Shift Keying—On/Off Keying (ASK-OOK) | | |
| Unique ID Codes | Over one (1) million different code combinations | | |
| Supervisory Interval | 70 minutes | | |
| Peak Field Strength | Typical 16,000 uV/m at 3m | | |
| Reed Switch Magnetic Sensitivity | 10 to 15 amp turns | | |
| Reed Sensitivity | 0.625 in. (1.59 cm) minimum gap, 1 in. (25 cm) typical | | |
| Magnet Type | Rare earth | | |
| Magnet Dimensions (HxD) | 0.51 x 0.75 in. (1.3 x 1.9 cm) | | |
| Sensor Dimensions (HxD) | 2.50 x 0.75 in. (6.37 x 1.9 cm) | | |
| Housing Material | ABS plastic | | |
| Color | White, Tan or Brown available | | |
| Operating Temperature | 32° to 120°F (0° to 49°C) | | |
| Relative Humidity | 5-95% Non-Condensing | | |
| Battery (included) | One (1) CR2 (CR15270) | | |
| Battery life | 6 years (on normal condition) | | |
| Regulatory Listing | FCC Part 15 | | |
| Warranty | Two (2) years(limited) | | |
| Included Accessories | Two magnetic cap styles (Normal and Screw type), two (2) Phillip's flat-head screws | | |
| Weight | 1.25 oz. (37 g) (including battery & magnet) | | |

*Models available:

WC20-H: compatible with Honeywell and 2GIG wireless panel (345MHz)

WC20-2: compatible with 2GIG wireless panel (345MHz)

WC20-G: compatible with GE Interlogix wireless panel (319.508MHz)

WC20-D: compatible with DSC wireless panel (433.92MHz)

Note: Other protocol or frequency available upon special request.

Color available: White, Tan and Brown

