

# wLSN Recessed Door-Window Contact

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The wLSN Recessed Door-Window Contact provides a magnetic reed contact for monitoring doors and windows. It contains an internal reed contact activated by the external magnet assembly. It also has a built-in cover tamper.

## Functions

### RF Signal Strength Mode

Removing the device cover and pressing the tamper switch four times within 10 seconds of battery installation activates the RFSS mode. The LED lights steady for 5 sec and then begins to flash. A slow flash (approximately 1 sec on, 1 sec off) indicates insufficient signal reception. A quickly flashing LED (approximately five times as fast as the slow flash) indicates the device is receiving sufficient signal from the wLSN Hub.

## Certifications and approvals

This product is designed to also comply with the requirements of EN50131-1 Grade 2, Environmental class II

- ▶ Internal reed switch
- ▶ Designed for recessed installation into doors and door frames or windows and window frames
- ▶ Determine suitability of chosen installation location with RF Signal Strength (RFSS) mode
- ▶ Supervised for low-battery and cover-tamper conditions
- ▶ Operates for up to 1.5 years on a readily-obtainable lithium battery

Region	Certification
Europe	CE 2004/108/EC EMC Directive (EMC); 2006/95/EC Low-Voltage Directive (LVD); 1999/5/EC Radio equipment and
Belgium	INCERT B-509-0057
France	AFNOR NF et A2P (NF 324 - H 58) Type 2

## Installation/configuration notes

### Compatibility Information

The wireless Local SecurityNetwork (wLSN) including the wLSN Recessed Door-Window Contact is compatible with the Easy Series Control Panel.

### Mounting Considerations

Mount the contact assembly into an interior door or window frame and the magnet assembly into the interior of the moving portion of the door or window where they are protected from weather elements such as rain or snow.



### Notice

Installation on metal surfaces can affect the RF propagation pattern of the radio transceiver.

The RF transceiver has an RF range of approximately 1000 m (3000 ft) in open air.

### Parts included

Quant.	Component
1	Contact assembly with RF transceiver
1	Magnet assembly
1	3 V CR2 lithium battery (P/N: 33039)
1	Hardware pack
1	Literature pack

### Technical specifications

#### Environmental Considerations

Environment:	Indoor, dry
EN5013-1:	Environmental Class II
Relative Humidity:	Up to 95%, non-condensing
Temperature (operating):	-10°C to +55°C (+14°F to +131°F)

#### Mechanical Properties

Color:	Off-white
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#### Dimensions (H x W x D)

Contact Assembly:	105 mm deep x 19 mm diameter (4.125 in. deep x 0.75 in. diameter)
Magnet Assembly:	13 mm deep x 19 mm diameter (0.5 in. deep x 0.75 in. diameter)

#### Power Requirements

##### Battery Power

Battery Life:	1-1.5 years under normal operating conditions
Battery Requirements:	One CR2 lithium battery
Recommended Replacements:	Duracell® CR2, Panasonic® CR2, SANYO® CR2
Voltage (supply):	2.3 VDC to 3.0 VDC

#### Transmission and Reception Characteristics

Frequency:	European Security Band 868 MHz to 869 MHz
Range (open field):	1000 m (3000 ft)

#### Trademarks

Duracell® is a registered trademark of the Gillette Company, USA, in the United States and/or other countries.

Panasonic® is a registered trademark of a Matsushita Electric Industrial Co., Ltd.

SANYO® is a registered trademark of SANYO North America Corporation.

### Ordering information

#### wLSN Recessed Door-Window Contact

Designed for recessed installation into doors and door frames or windows and window frames

Order number **ISW-BMC1-R135X**

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