

Marvin Lock Status Sensor

Technical Specification Summary

Information for Integrators, Installers, DIY Homeowners, Security Providers, Builders & Architects

Product Overview

The Lock Status Sensor is a factory prepped option designed exclusively for Marvin branded products. The Lock Status Sensor can indicate whether a window or door is unlocked or closed and locked when integrated into a smart home security system by an integrator. The Lock Status Sensor isn't visible when the window or door is in the closed position to preserve the beauty of the Marvin products. Sensor components are only visible when the panel or sash is in the open position.

The future-facing design of the Lock Status Sensor will easily adapt to changes in technology so homeowners won't have to worry about their window or door sensors becoming obsolete.

Technical Documents

- **Installation Instructions:** The Lock Status Sensor [Installation Instructions](#) provide a detailed overview of sensor components, integration and installation by product type.
- **FAQ's and Other Technical Data:** Navigate to www.marvin.com/our-products/options/lock-status-sensor to access current technical data and links to other technical resources in the 'Professional Resources' section of the web page.

Integration Options: An Installer can easily integrate the window or door into an existing or new smart home security system by attaching the two wire leads to a wired low-voltage network or by using a wireless radio transmitter (provided by the Integrator or security service provider). There are two integration methods for the Lock Status Sensor:

- **Wired:** Wired integration is available for windows.
- **Wireless:** Wireless integration is available for windows and doors. The wireless radio transmitter required for integration is provided by the integrator, security service provider or DIY installer.

Power Source

- **Wired:** Low-voltage wiring
- **Wireless:** 3rd party radio transmitter with battery
- **Maximum Electrical Current:** 1 Amp to 1.2 Amp depending on sensor type

Lock Status Sensor Components

Wire: 22 gauge

Sensor Types: Reed and Micro Switch

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Applicable Marvin Products

Marvin Product	Integration Options		Factory Prepped Space for Radio Transmitter*
	Wired	Wireless	(L"xW"xD")
Clad Ultimate Double Hung – NG 2.0** (IZ included)	•	•	3.5x1.7x1.1
Clad Ultimate Casement/Awning / Replacement (IZ included)	•	•	3.6x1.1x1.6
Clad Ultimate Glider** (Excluding XX Glider Configuration)	•	•	3.6x2.0x1.0
Clad Ultimate Inswing / Outswing / Arch Top (1 ¾" panels)		•	5.7x1.1x1.6
Clad Ultimate Sliding French / Patio		•	3.6x1.1x1.6
Clad Magnum Inswing / Outswing / Arch Top (2 ¼" panels)		•	5.7x1.1x1.6
Clad Ultimate Multi-Slide Door		•	3.6x1.1x1.6
Clad Ultimate Bi-Fold Door		•	5.7x1.1x1.6

* The Radio Transmitter is provided by the Integrator or security service provider when a wireless integration method is used. Marvin offers a factory prepped compartment within the frame of the window and door panel to house the radio transmitter so it is completely concealed. Integrators may choose a hardwired network connection for windows. The radio transmitter compartment will provide adequate space for this type of connection as well.

** When used with the Marvin brand products designated by an ** above, the Lock Status Sensor detects an open or closed status. A "locked" status is inferred from the presence of the Auto-Lock feature, which activates the locking mechanism when the operating panel is closed.

Radio Transmitter Compatibility

The Marvin Lock Status Sensor will function with a wide range of radio transmitters. There are size limitations for the transmitter and access to a terminal block within the transmitter is required.

- Modifying any third-party transmitters may void the third-party manufacturer's warranty.
- Modifying the factory prepped transmitter compartment will void the Marvin Limited Warranty.

Security Panel Requirement: each sensor requires a single loop and accounts for a 'wireless zone'.

Agency Listings: not applicable. Hardware and software used to integrate the Lock Status Sensor are provided by others.

Manufacturers Limited Warranty

- The Marvin Lock Status Sensor has a 2-year warranty. Please refer to the [Marvin Limited Warranty](#) statement on Marvin.com for more information.

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Service and Retrofit Plan

- **Servicing a Faulty Sensor:** A Marvin service professional can perform an onsite continuity test to determine if a sensor is faulty. If a Lock Status Sensor requires replacement, Marvin will replace the sensor.
 - **Important:** The homeowner's primary point of contact should be the Integrator or Security Service provider. As the system experts, Integrators can troubleshoot the system and identify issues that may be impacting the Lock Status Sensor.
- **After a Lock Status Sensor is Serviced or Replaced:** For liability reasons, Marvin will not reconnect the Lock Status Sensor to the homeowner's security system after servicing the sensor. The homeowner will be required to contact their integrator or security service provider to reestablish a network connection and ensure the system is working properly.
- **Retrofit Options:** The Lock Status Sensor is only available for Marvin products manufactured after December 17, 2017. Products must be ordered with the Lock Status Sensor Option from the factory. There are limited retrofit options available for Marvin doors. Contact [Marvin Customer Support](#) for additional details.

Technical Support

- Visit www.marvin.com/our-products/options/lock-status-sensor for additional information or contact [Marvin Customer Support](#).