

LevNet RF™ Energy Harvesting with Wireless Protocol Window/Door Contact Sensor



BASIC OPERATION

The LevNet RF™ Energy Harvesting with Wireless Protocol Window/Door Contact powers itself from a solar cell and stores the energy for night operation. A signal is transmitted when the contact is opened or closed. Every fifteen minutes, a signal indicating the current status is also transmitted.

The window / door contact and the magnet must be located next to each other when the window or door is closed. They may not be spaced more than 0.31" apart.



APPLICATIONS

- Retrofits
- New construction
- Classrooms
- Conference rooms
- Dorm / Hotel rooms
- Offices
- Daycare Facilities

SOLAR-POWERED ENERGY ACCUMULATOR

Before startup the energy accumulator must be charged. The charging time is approximately 5-10 minutes in daylight or artificial light (full charge will take approximately 24 hours). For testing/installation purposes, the Window/Door Contact needs to be charged several hours.

SPECIFICATIONS

ENVIRONMENTAL	
Range	75 feet (typical)
Power Supply	Integrated Solar Cell / Super Cap
Frequency	315 MHz
EEP	D5-00-01
Start up time with empty energy storage, typical	<2.5 min @ 400 lux, 77° F(25° C)
Initial operation time in darkness, typical	6 days if energy storage is fully charged
Dimensions	Sensor - .625 x .8125 x 3.625 Inches (15.875 x 20.6375 x 168.275 mm) Magnet - .375 x .8125 x .5 Inches (9.525 x 20.6375 x 12.7 mm)
Operating Temperature	-4° to 140° F (-20° to +60° C)
OTHER	
Mounting	Double-sided tape
Listings	FCC (United States) SZV-STM310C I.C. (Canada) 5713A-STM310C

ORDERING INFORMATION

CAT. NO.	DESCRIPTION
WSR00-030	LevNet RF Window / Door Contact Sensor

Leviton Mfg. Co., Inc. Lighting & Energy Solutions

201 N. Service Rd. Melville, NY 11747-3138 • Tech Line: 1-800-824-3005 • Fax: 1-800-832-9538
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