

LN Series Wireless Receiver Module

Description

The LN Series Wireless Receiver Module enables LN Series controllers to receive input signals from wireless sensors and switches. The LN Series Wireless Receiver Module uses the EnOcean® protocol for communication on either an 868 MHz or 315 MHz frequency.

You can install the Wireless Receiver Module in multiple ways: double-sided tape allows you to mount the controller on any type of surface while maintaining close proximity to the controller. If the controller is in a metal enclosure, you can mount the Wireless Receiver on the enclosure's exterior using a 1/2 NPT hub. Use the 1-meter long telephone cord, provided with the Wireless Receiver, to connect to the controller.

In building retrofits, the Wireless Receiver Module allows you to use wireless sensors and switches. This solution minimizes the impact on building structure and preserves architecture and materials. When you use the LN Series Wireless Receiver Module, you can avoid wiring complexities and correct any initial design errors. Because the Wireless Receiver Module can connect directly to wireless-option controllers, you can easily expand input counts enabling you to implement field upgrades with ease.

Features

- multiple mounting options allow you flexibility during installation
- power supplied directly from the controller simplifies installation
- optimize sensor placement to get the most accurate reading and achieve improved temperature control and occupant comfort



LN Series Wireless Receiver Module

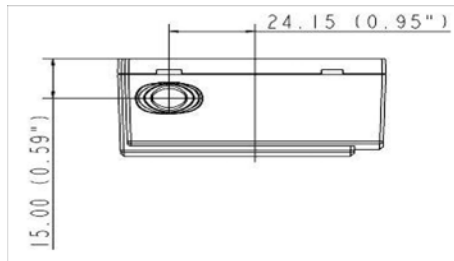
Selection Chart

Code Number	Description
LN-WMOD315-0	Features onboard connector to connect the wireless module, 315 MHz, for North America and Asia installations.
LN-WMOD868-0	Features onboard connector to connect the wireless module, 868 MHz, for European installations.

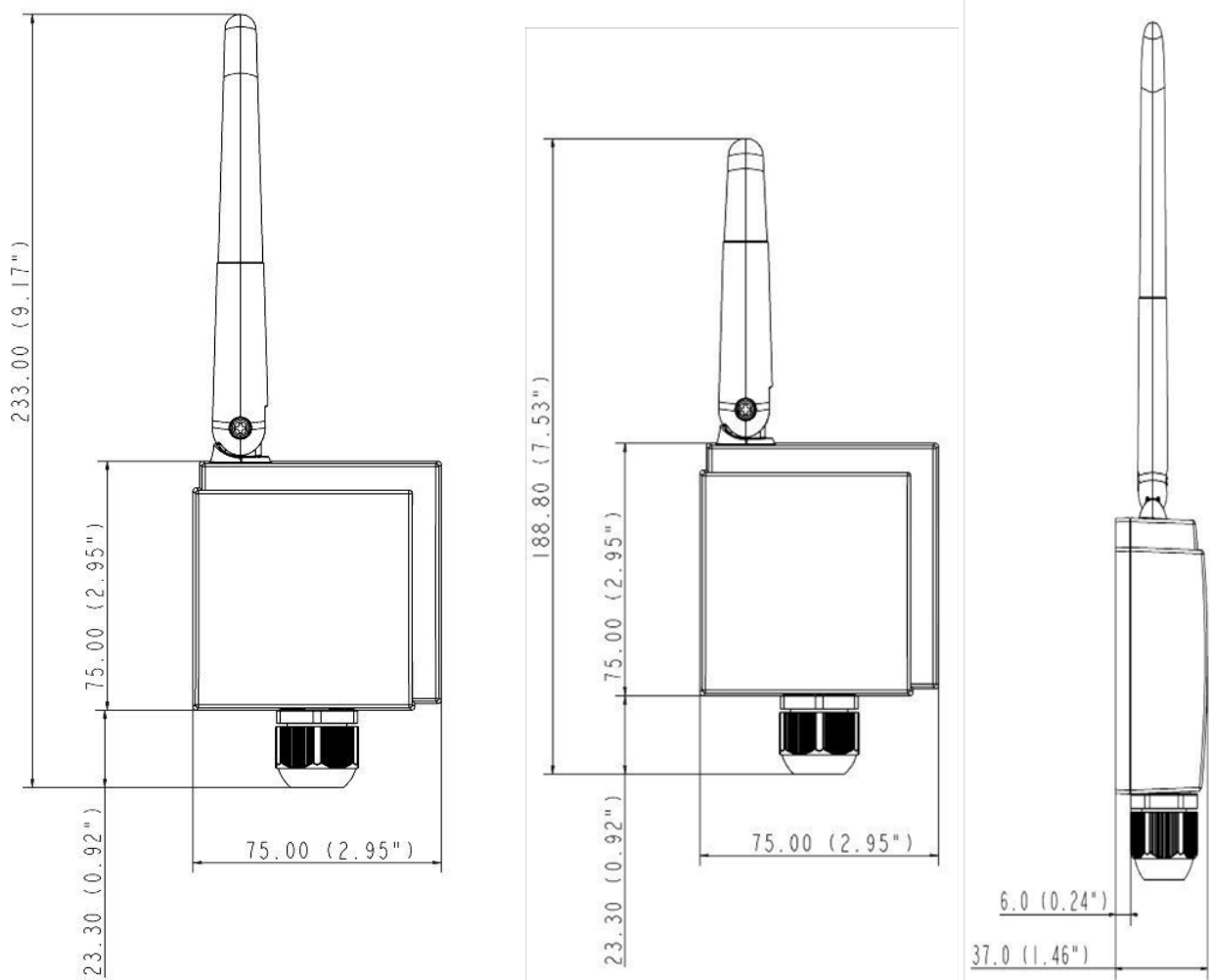
Technical Specifications

LN Series Wireless Receiver	
General	Power Supply: direct from controller Communication Protocol: EnOcean protocol Communication Frequency: Wireless Receiver 315 (315 MHz) and Wireless Receiver 868 (868.3 MHz)
Hardware	Receiver: Wireless Receiver 315: EnOcean TCM 200C Wireless Receiver 868: EnOcean RCM 120 Cable: telephone cord (included) Connector: 4P4C modular jack Length: 0.91 m(3 ft)
Enclosure	Material: ABS type PA-765A Color: White enclosure with black antenna Shipping Weight:0.18 kg (0.40 lb) Mounting Options: wall mount with double-sided tape (included), wall mount with screws and anchors, mounting directly on metal enclosure
Range	Radio Signal: 315 MHz; 868.3 MHz Range: 10 meter (32 foot) radius; 20 meter (65 foot) radius
Electromagnetic Compatibility	Wireless Receiver 315: FCC: This device complies with FCC rules, Part 15 IC: RSS-GEN, RSS-210 Wireless Receiver 868: CE Emission: ETSI EN 301 489-1:2001-09, ETSI EN301 489-3:2001-11 (Class 2), ETSI EN 300 220-3: 2000-09 CE Immunity: ETSI EN 61000-6-2:2002-08
Ambient Operating Conditions	Operating Temperature: 0 to 50°C (32° to 122°F) Storage Temperature: -20 to 70°C (-4° to 158°F) Relative Humidity: 0 to 90% noncondensing
Agency	UL916 for Energy management equipment Material:UL94V-1

LN Series Wireless Receiver Module (Continued)



Top View



Wireless Receiver 315 (LN-WMOD315-0), Wireless Receiver 868 (LN-WMOD868-0), and a Side View of the Wireless Receiver 315 (LN-WMOD315-0) Dimensions, mm (in.)