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lumenradio W-Modbus Building Automation System With Wireless Modbus



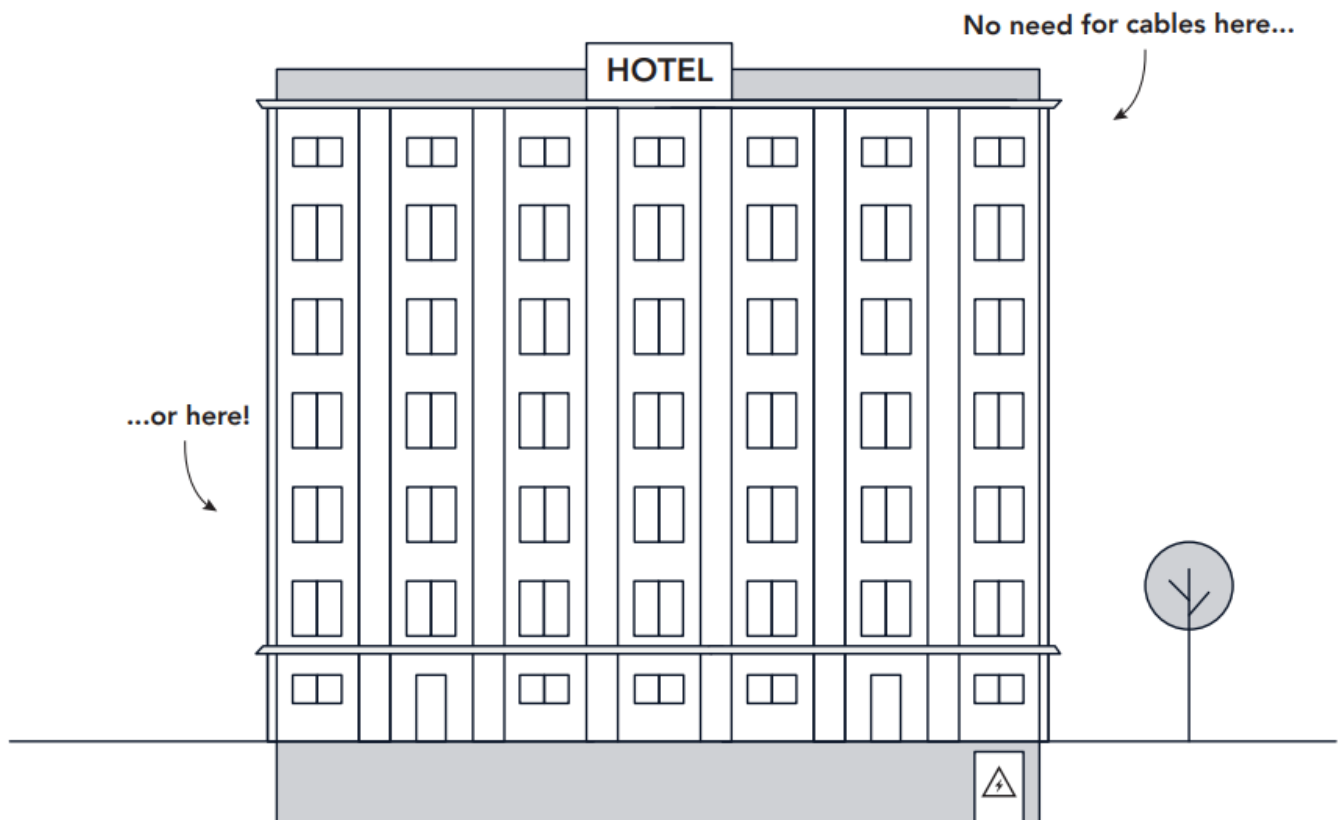
Specifications

- Product Name: W-Modbus
- Connection: Wireless Modbus
- Installation Options: DIN rail, Wall mount
- Gateway Options: DIN rail, Wall mount
- Color Indicators: Blue (initial setup), Green (connection established), Yellow (secure mode), Blue blinking (ready to connect)

Connect Your Building Automation System with Wireless Modbus

This guide provides instructions for connecting your building automation system using wireless Modbus technology, eliminating the need for physical cables.

Installation Overview



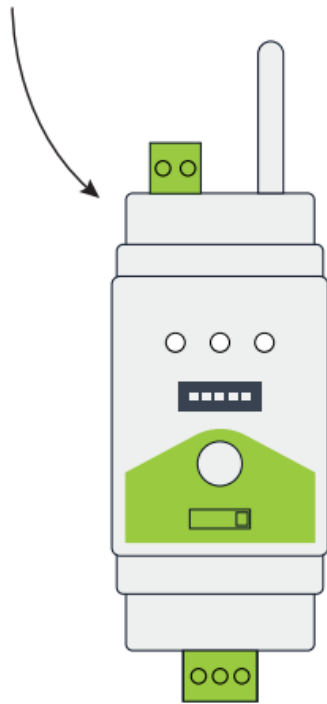
For installation, no Modbus cables are needed. This setup is ideal for environments like hotels where cabling is impractical.

Required Equipment

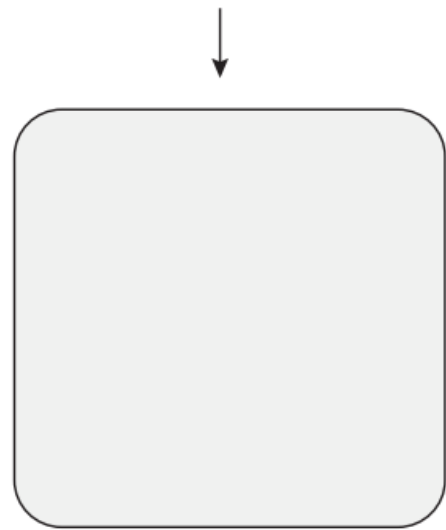
You will need one of the following for installation:

- W-Modbus DIN Rail
- W-Modbus Wall Mount

W-Modbus DIN rail

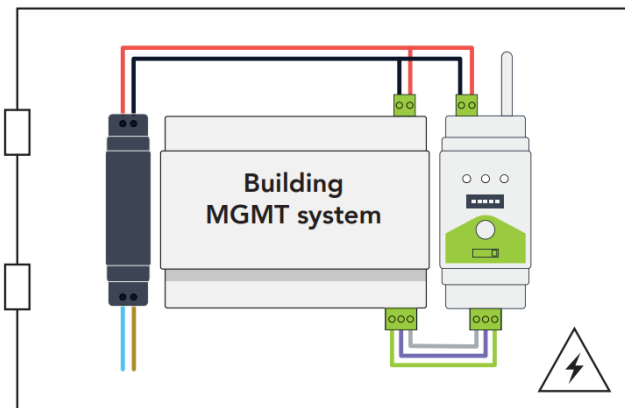


W-Modbus wall mount

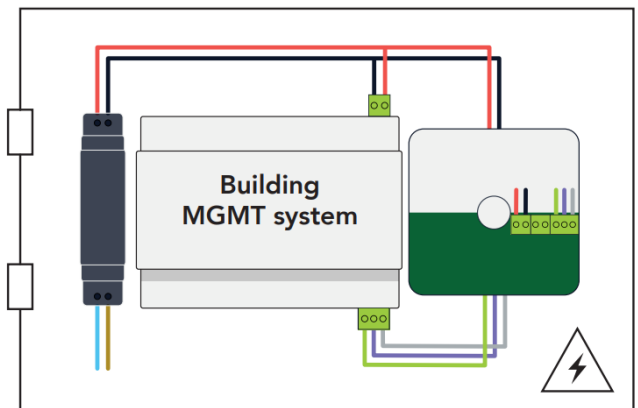


Setup Instructions

A. DIN rail



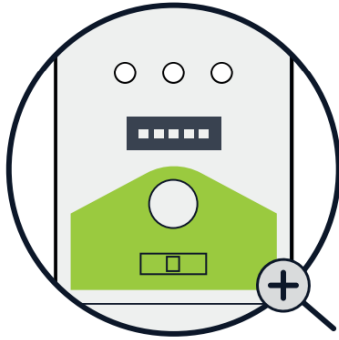
B. wall mount



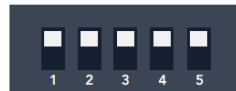
Gateway Setup

Choose between DIN rail or wall mount options for your gateway. Set your Baud rate, stop bit, and parity on the gateway.

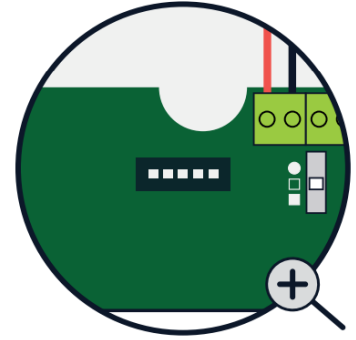
A. DIN rail



	1	2	3	4	5
9600 baud	OFF	OFF	-	-	-
19200 baud	OFF	ON	-	-	-
38400 baud	ON	OFF	-	-	-
76800 baud	ON	ON	-	-	-
No parity	-	-	OFF	-	-
Even parity	-	-	ON	-	-
1 stop bit	-	-	-	OFF	-
2 stop bit	-	-	-	ON	-
Use local serial configuration set on Node					ON
Use Gateway serial configuration on Node					OFF



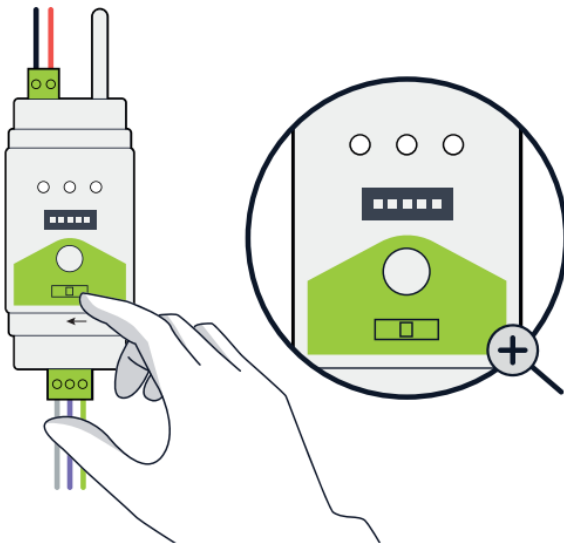
B. wall mount



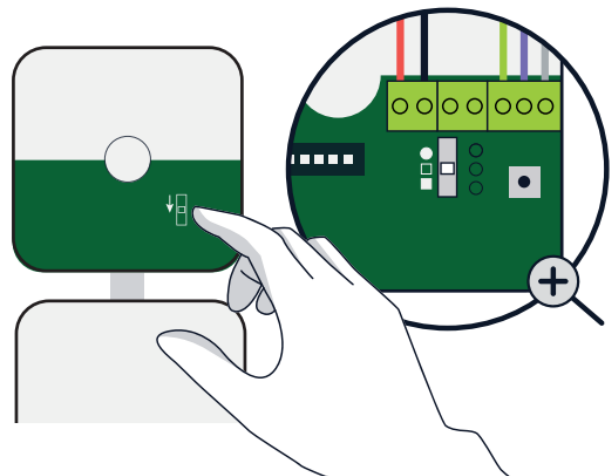
Set parity and stop bits using switches 3, 4, and 5 as needed.

Device Installation

A. DIN rail

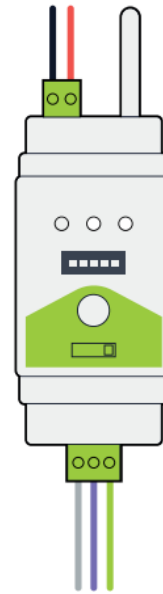
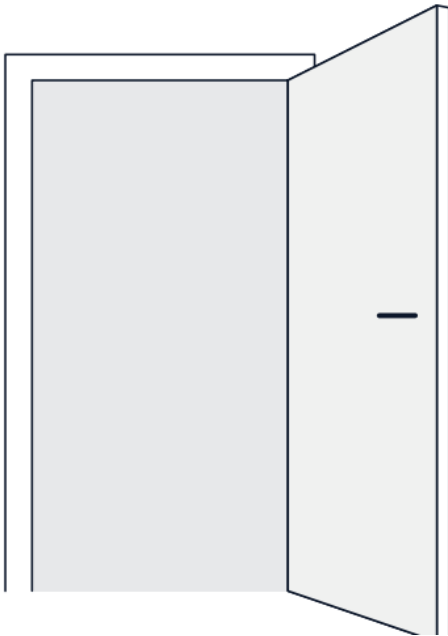
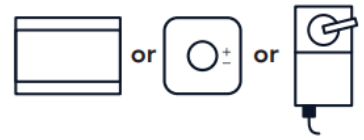


B. wall mount



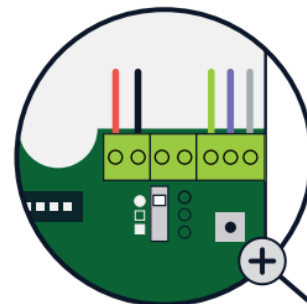
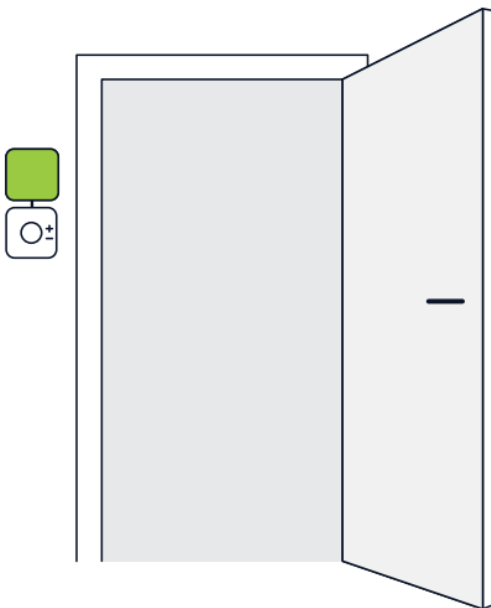
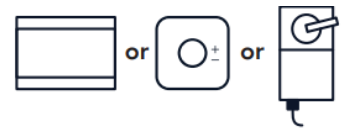
A – Move the switch to "COMM" or B – Move the switch to " ". Continue by installing the LumenRadio node next to your field devices, starting with the one closest to your gateway.

Connecting to Controllers



Connect the LumenRadio device to your chosen device (zone or room controller).
Optionally, set a local Baud rate.

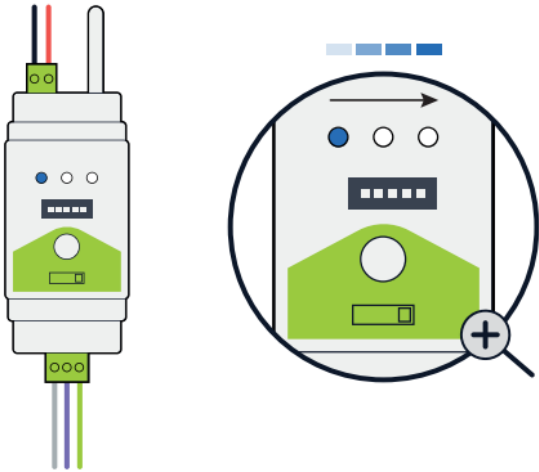
Ex. Node to room controller



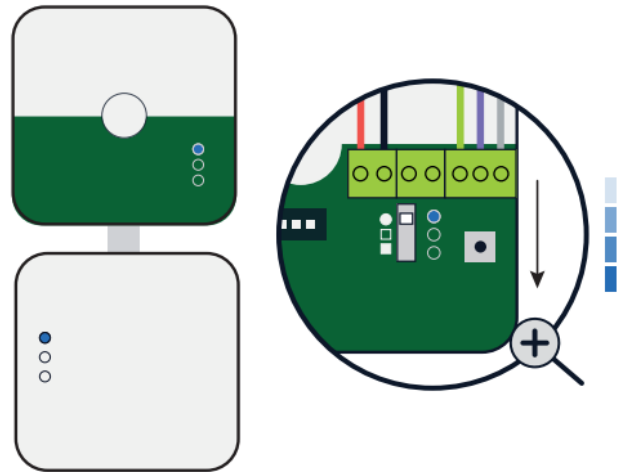
Place the LumenRadio device preferably above the chosen device (room controller) and connect. Optionally, set a local Baud rate.

Node Activation

A. DIN rail

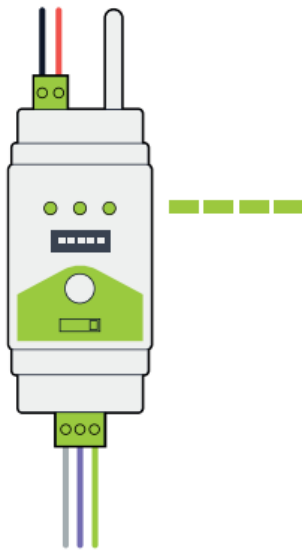


B. wall mount

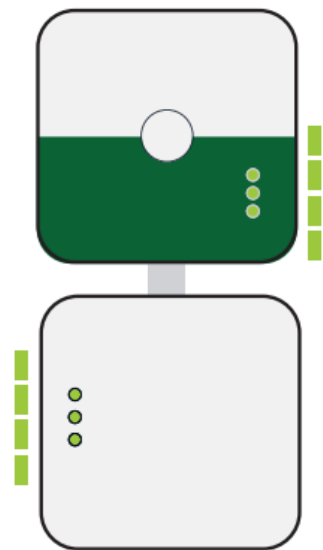


The lights on your node will sweep in blue.

A. DIN rail

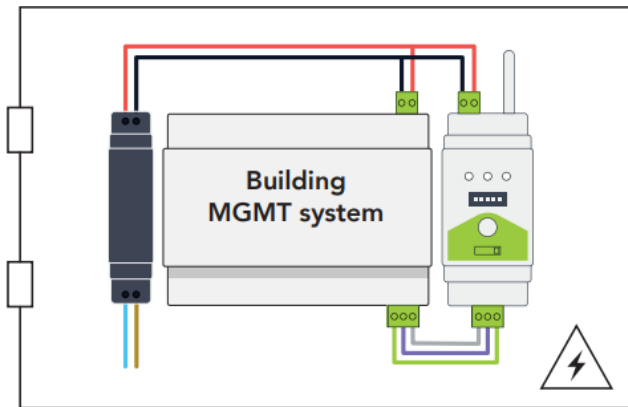


B. wall mount

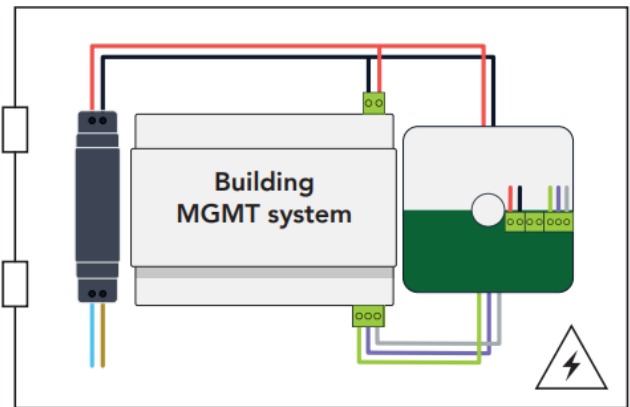


When they start blinking green, the node has found the gateway. This can take up to five minutes.

A. DIN rail



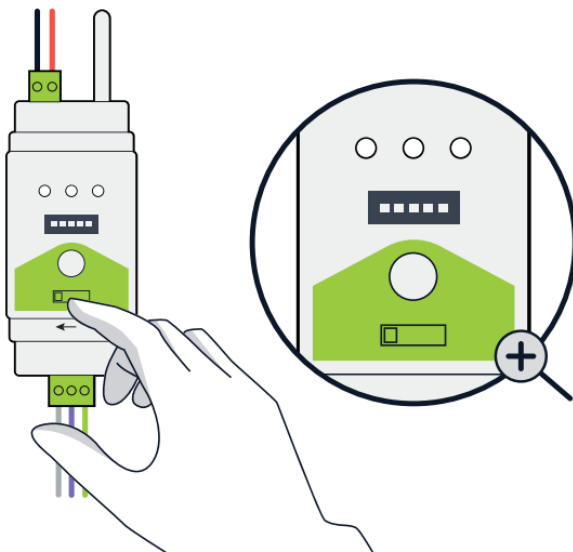
B. wall mount



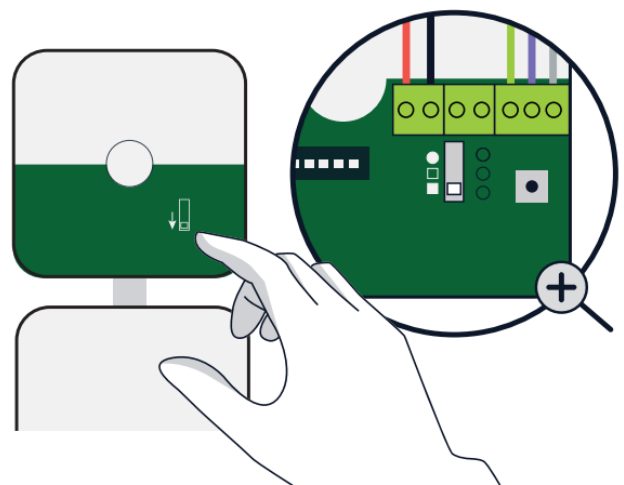
Go back to the gateway

Secure Mode Activation

A. DIN rail



B. wall mount

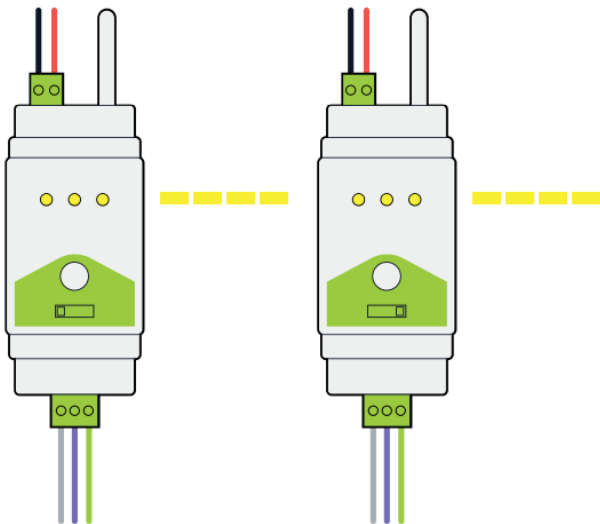


A – Move the switch to "GATEWAY" or B – Move the switch to "  ."

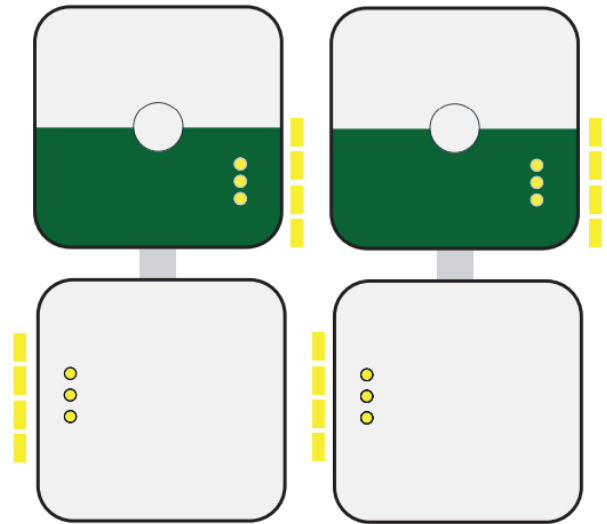
The devices blink yellow entering secure mode.

This may take up to 5 minutes

A. DIN rail

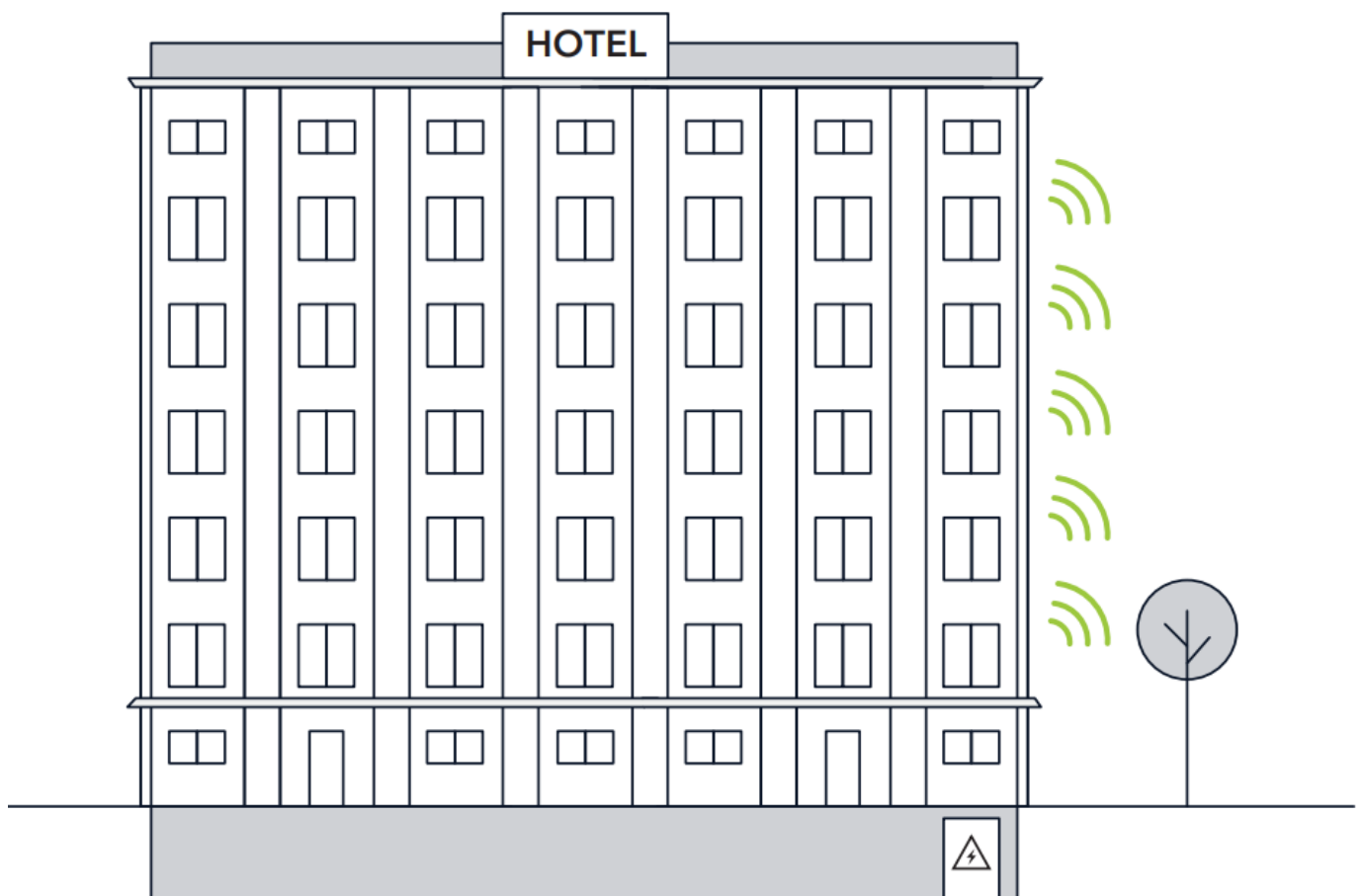


B. wall mount



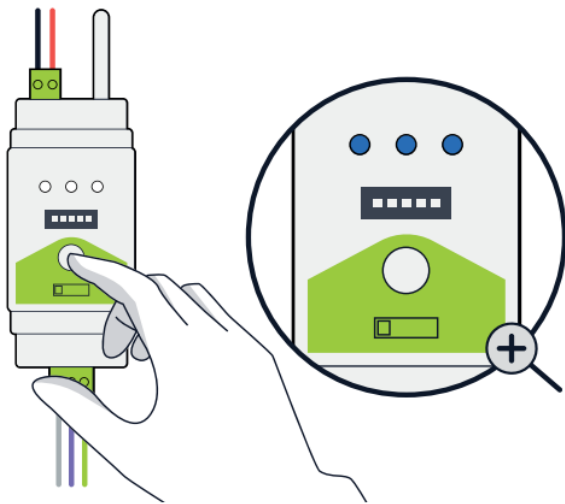
Finalizing Installation

Now you have a wireless connection!

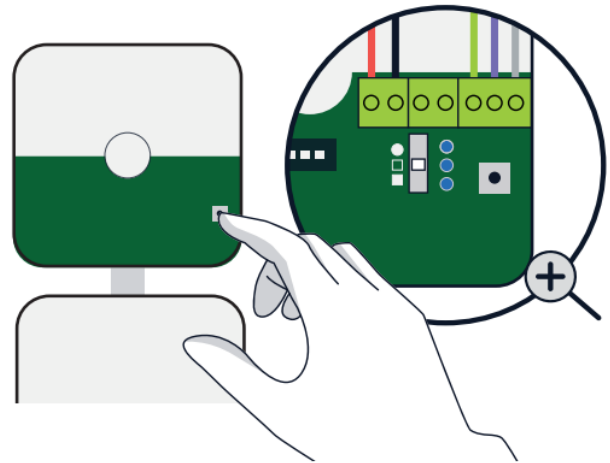


To use the W-Modbus app, press the button on the gateway three times until it blinks blue twice.

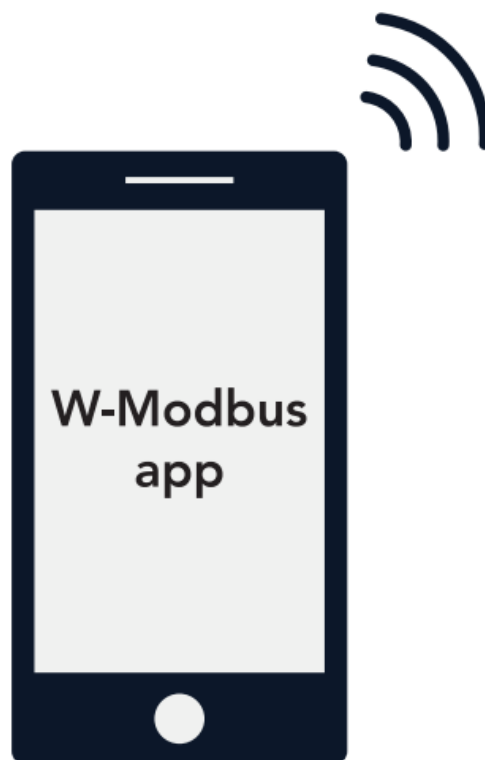
A. DIN rail



B. wall mount



Verify your installation in the app and select “Network Map” for a detailed overview.



Learn more at www.lumenradio.com

FAQ


- **Q: How do I know when the node has found the gateway?**

A: The lights on the node will start blinking green when it has found the gateway, which may take up to five minutes.

• **Q: How do I enter secure mode?**

A: Move the switch on the gateway to GATEWAY after connecting all devices. The devices will blink yellow as they enter secure mode.

Documents / Resources

	<p>lumenradio W-Modbus Building Automation System With Wireless Modbus [pdf] Installation Guide</p> <p>DIN rail, wall mount, W-Modbus Building Automation System With Wireless Modbus, W-Modbus, Building Automation System With Wireless Modbus, Automation System With Wireless Modbus, Wireless Modbus</p>
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References

- [User Manual](#)

📁 LumenRadio

💡 Automation System with Wireless Modbus, Building Automation System With Wireless Modbus, DIN RAIL, LumenRadio, W-Modbus, W-Modbus Building Automation System With Wireless Modbus, Wall Mount, wireless Modbus

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