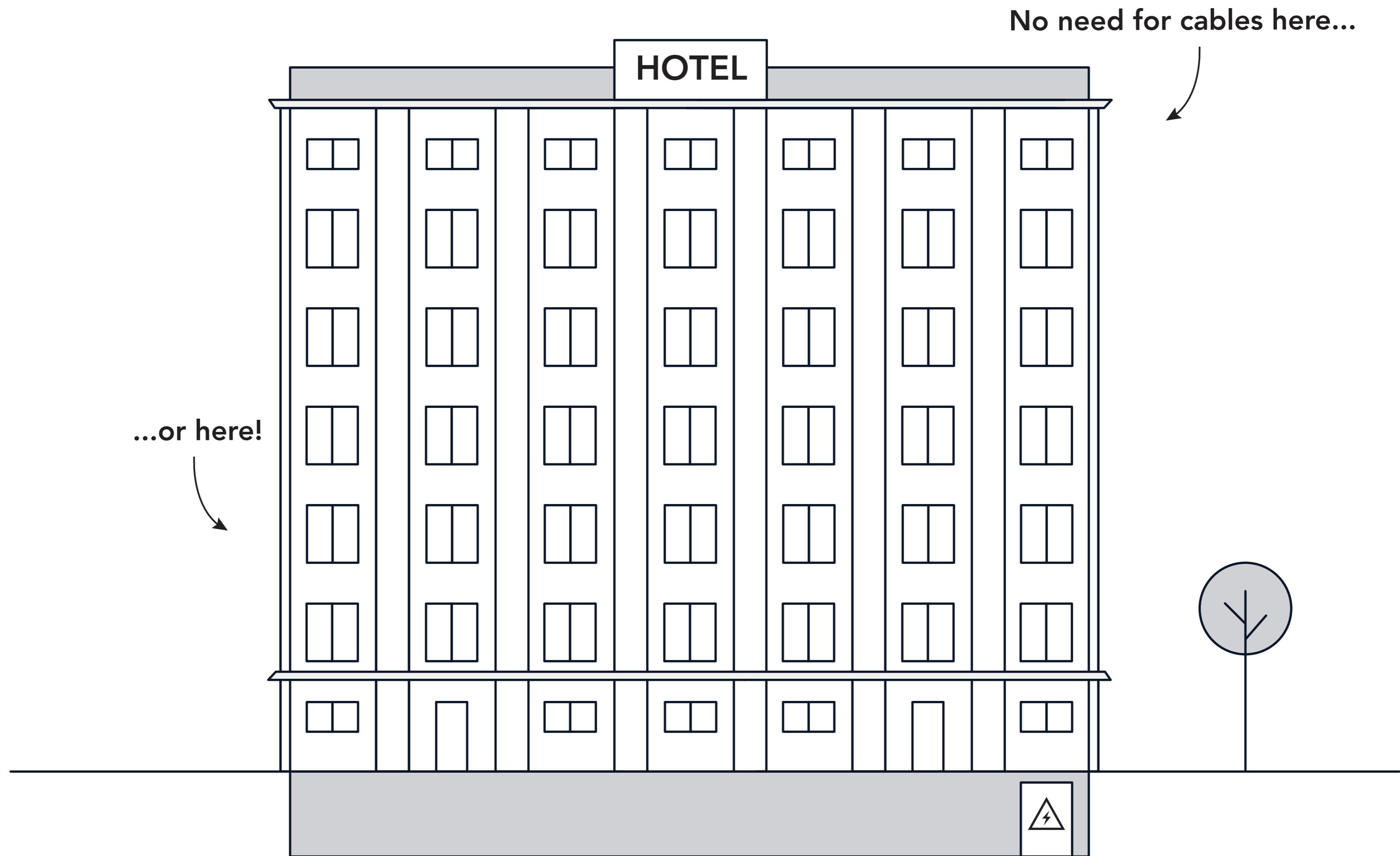


## INSTALLATION GUIDE

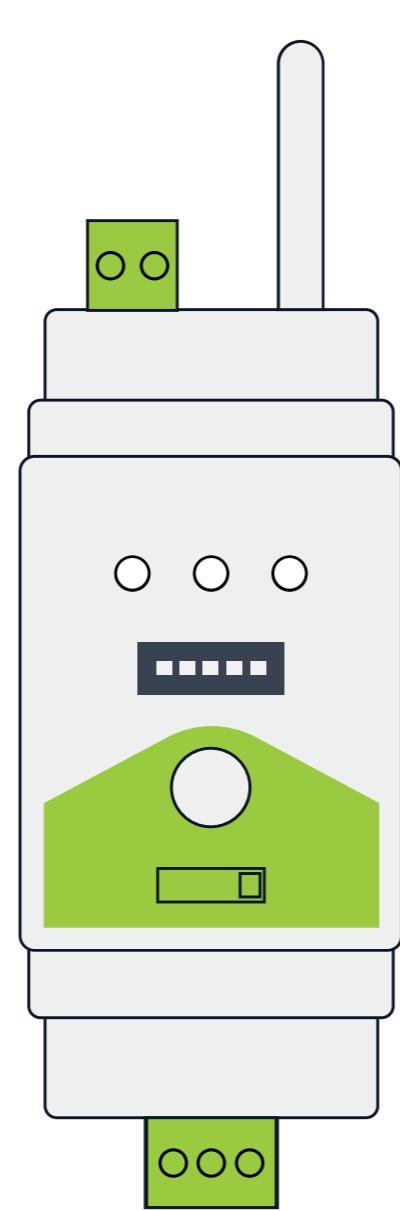
# Connect your building automation system with wireless BACnet





**For installation, no BACnet cables are needed.**

**W-BACnet DIN rail**

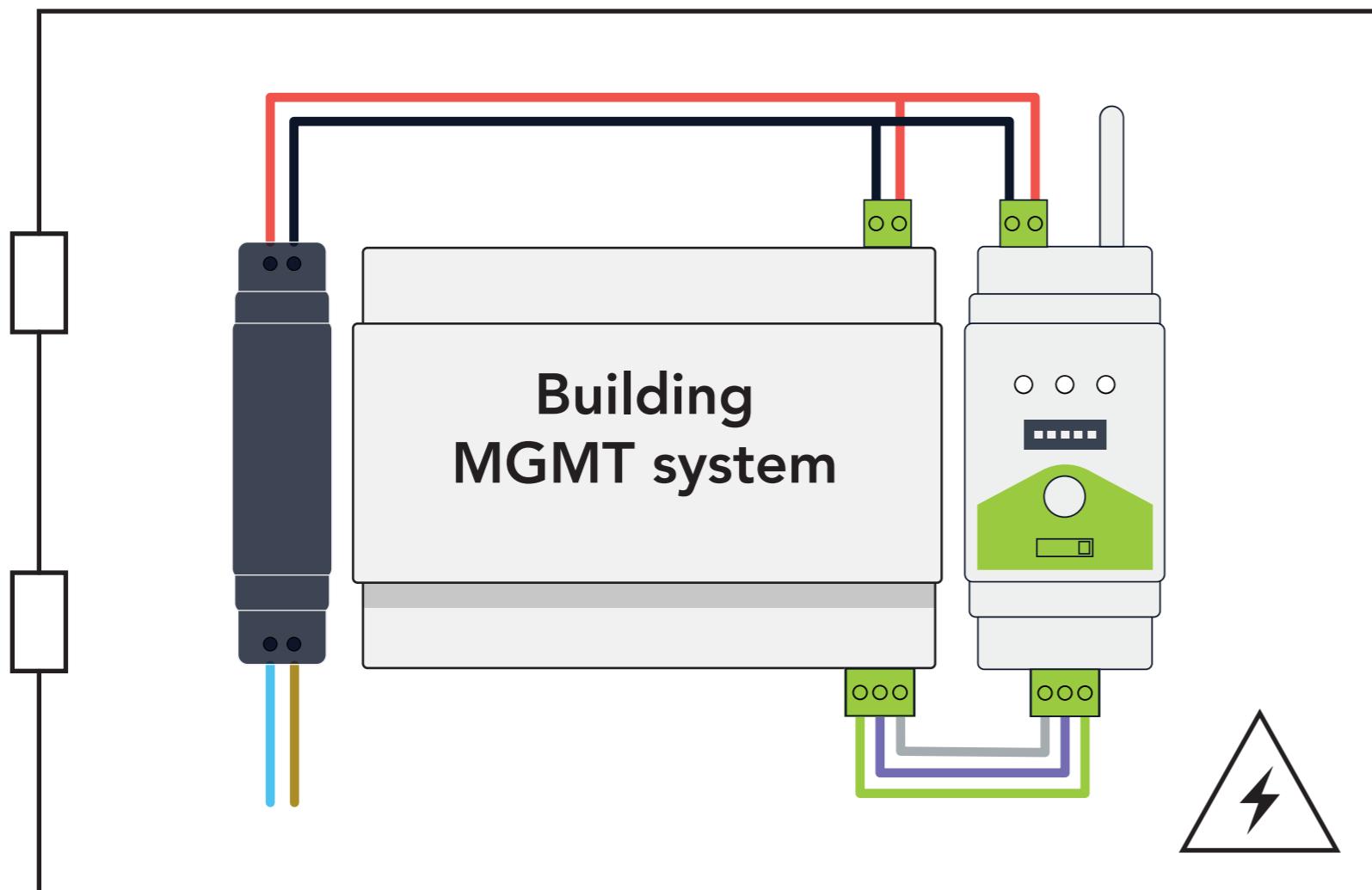


**W-BACnet wall mount**

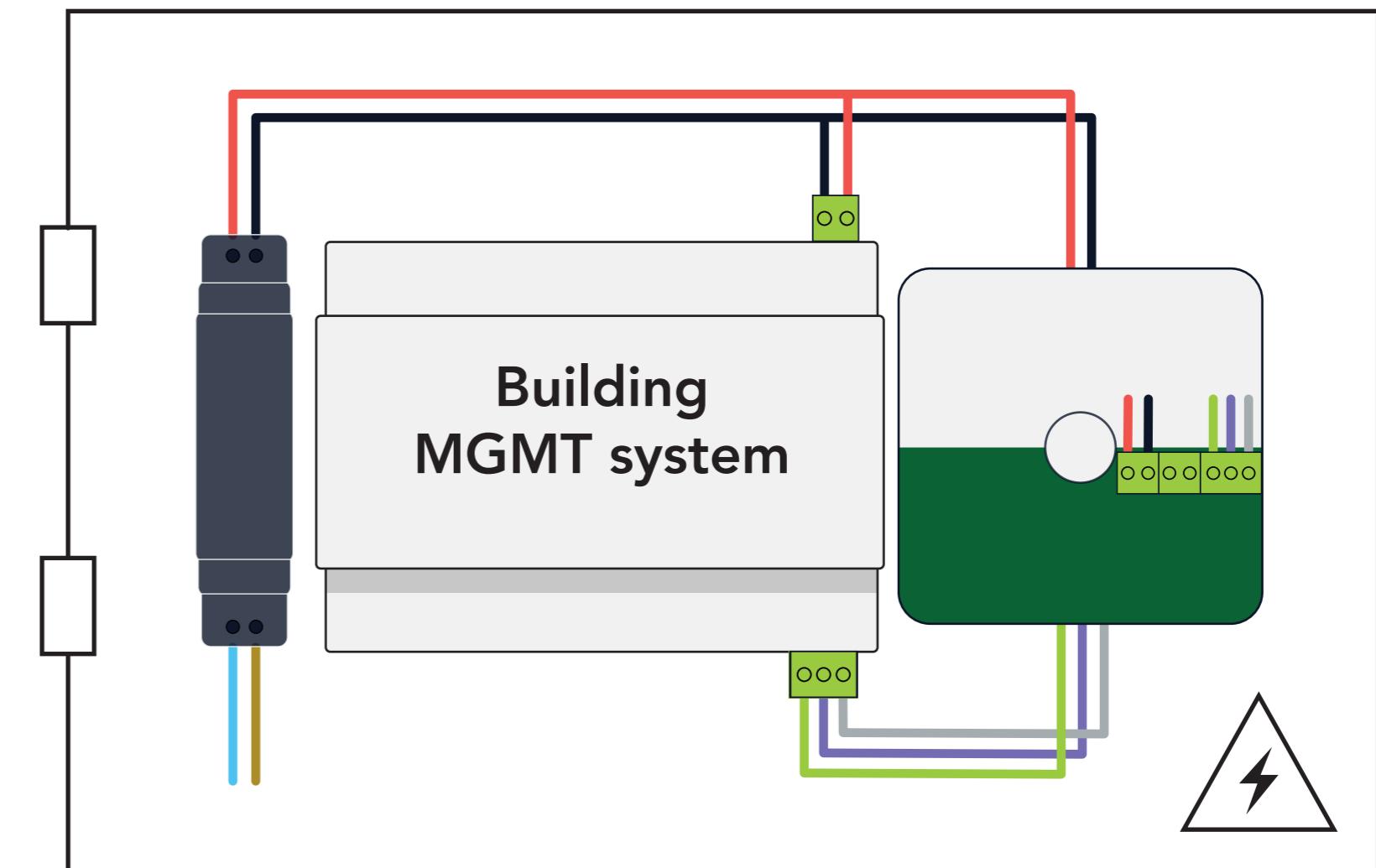


**You need this for installation. Choose either  
W-BACnet DIN rail or W-BACnet wall mount.**

**A. DIN rail**



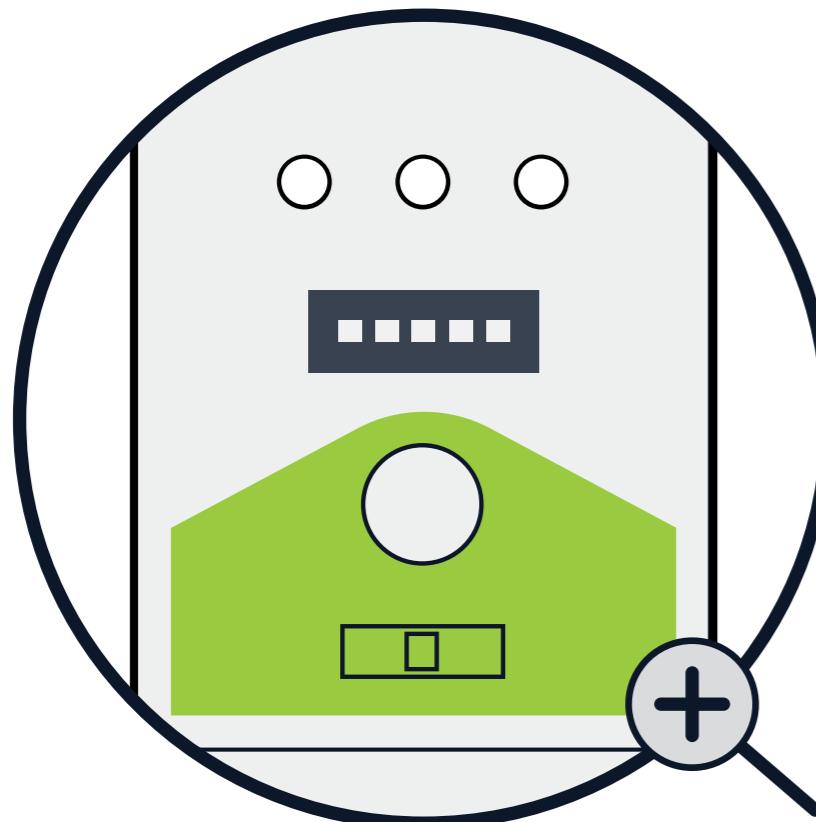
**B. wall mount**



**The LumenRadio device next to the BACnet master (client) can serve as your gateway, with both DIN rail and wall mount options available.**

# GATEWAY SET-UP

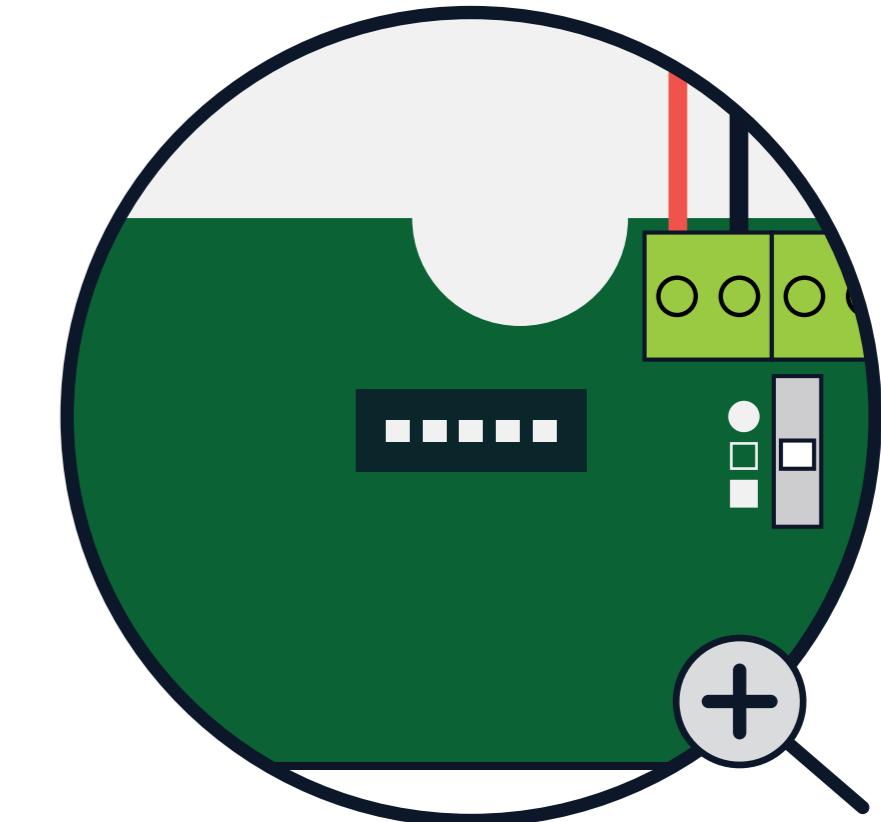
## A. DIN rail



	1	2	3	4	5
9600 baud	OFF	OFF	-	-	-
19200 baud	OFF	ON	-	-	-
38400 baud	ON	OFF	-	-	-
76800 baud	ON	ON	-	-	-
Not in use	-	-	N/A	-	-
Autobaud	-	-	-	ON	-
Node only: use local serial configuration					ON
Use gateway serial configuration on node					OFF

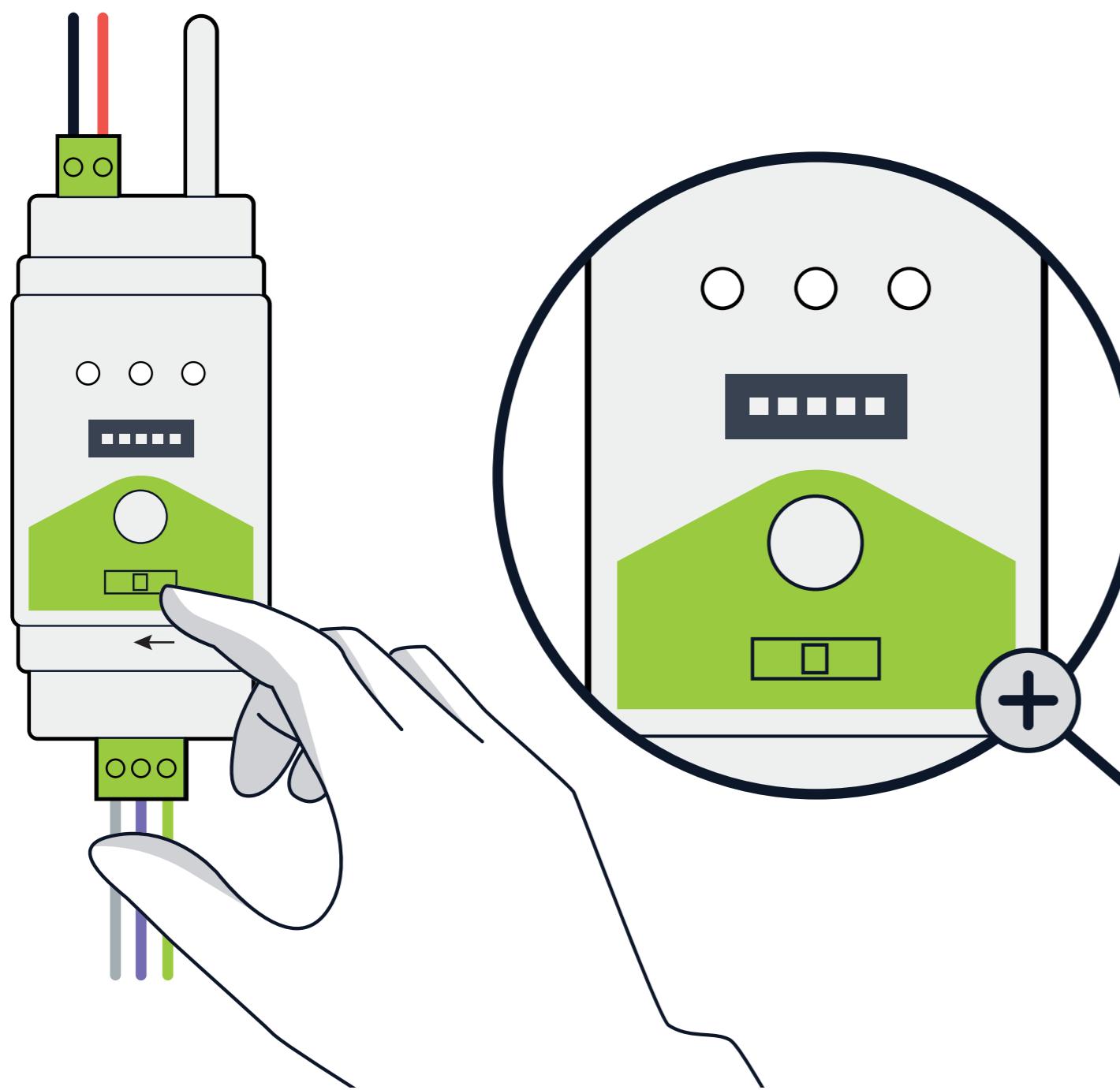


## B. wall mount

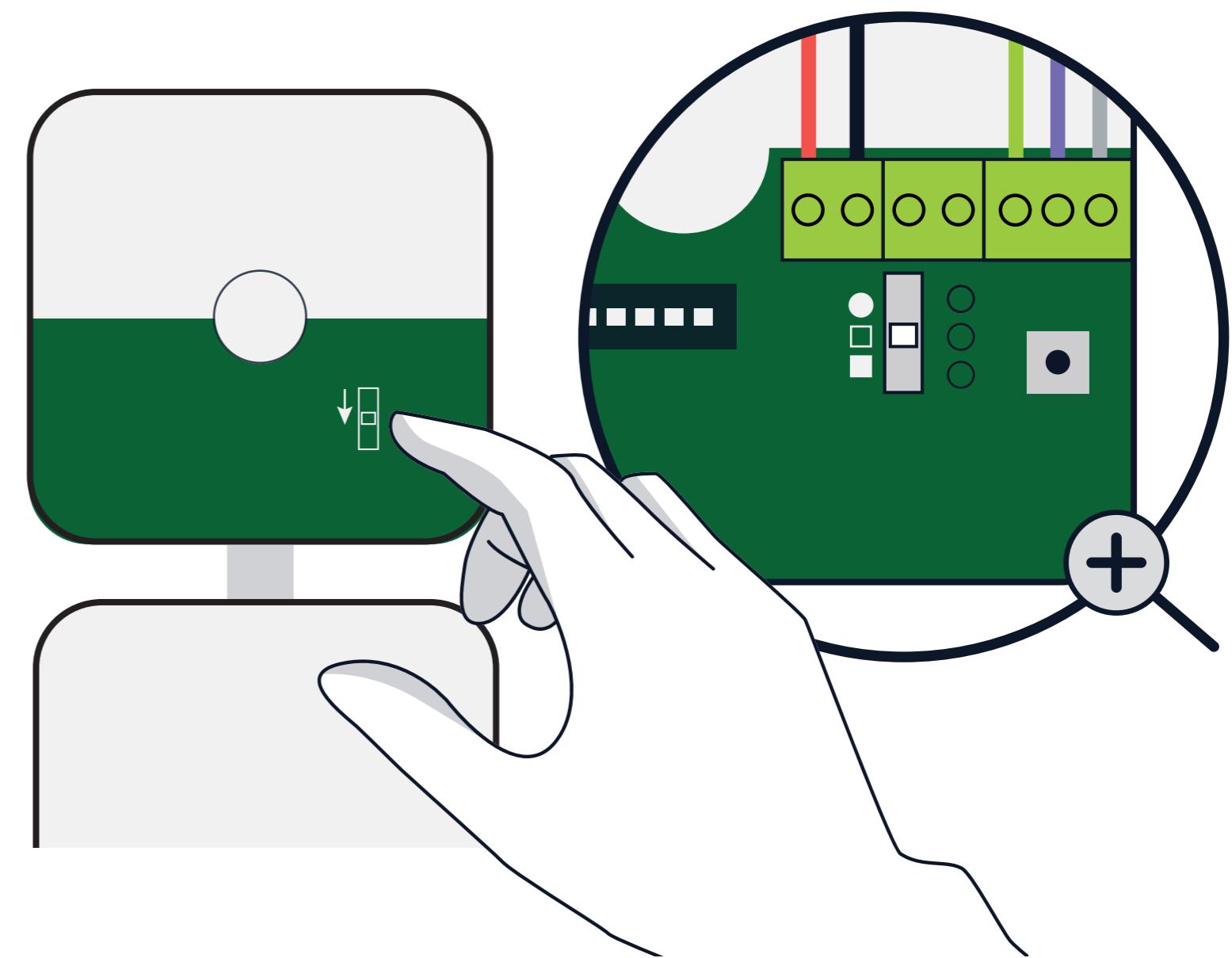


**Set your Baud rate, stop bit and parity on the gateway (A or B).**

**A. DIN rail**

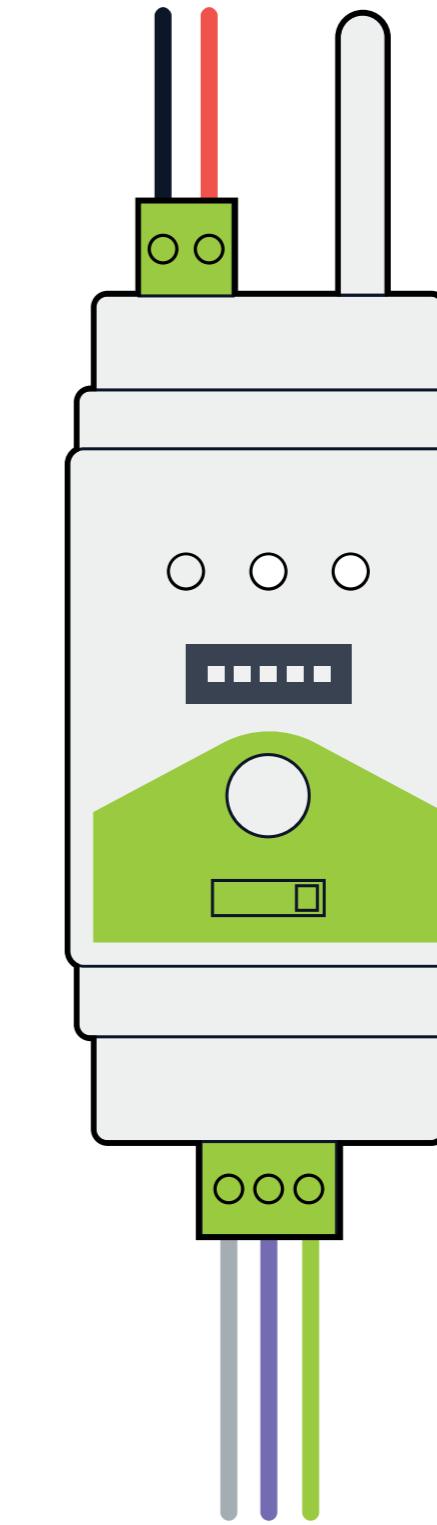
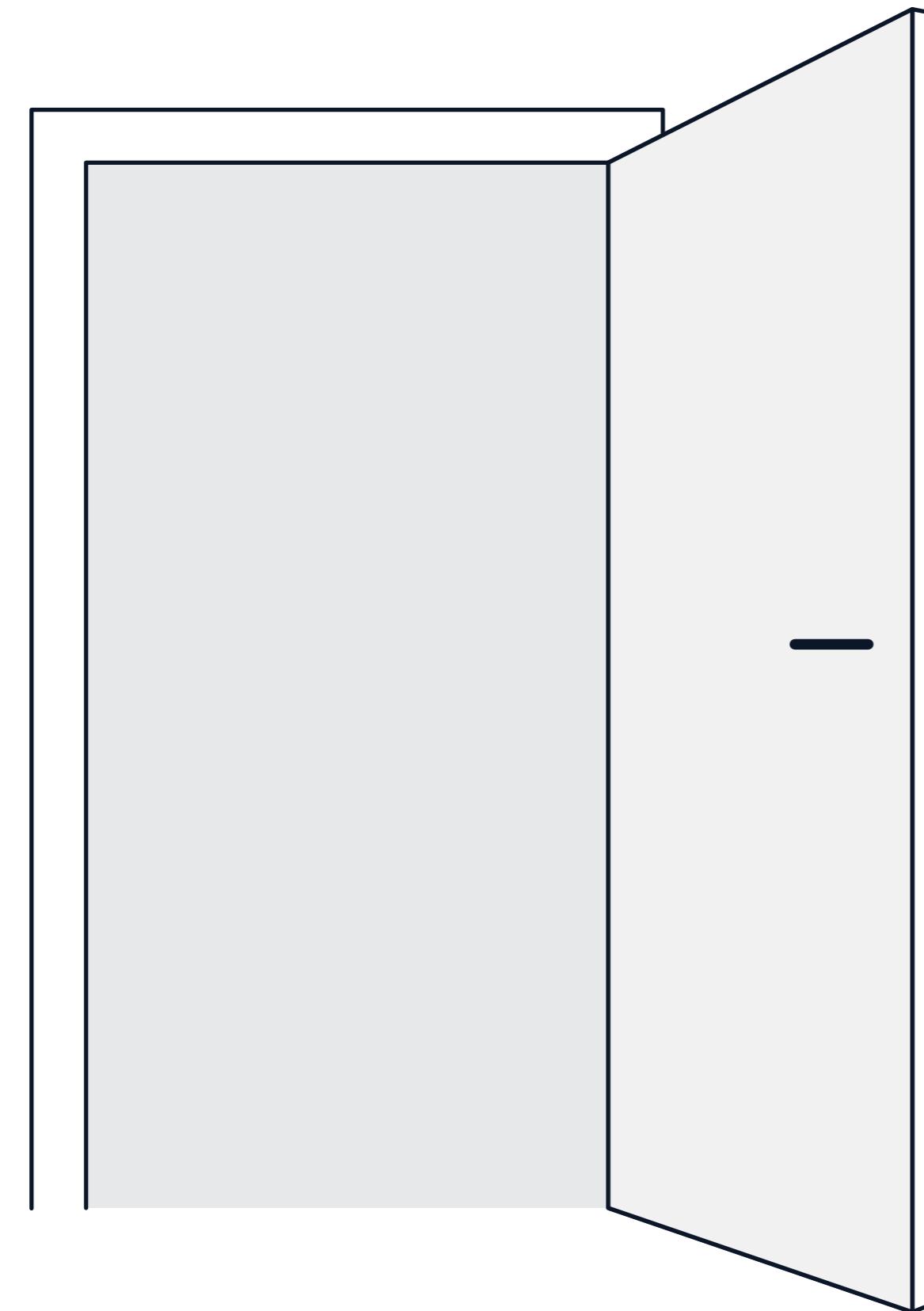
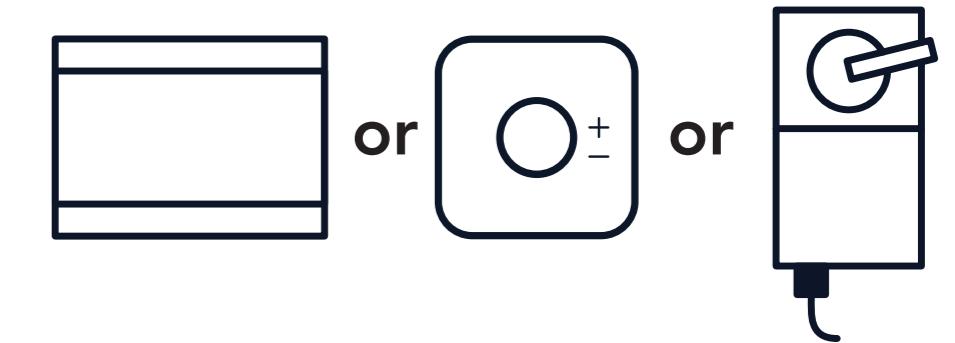


**B. wall mount**



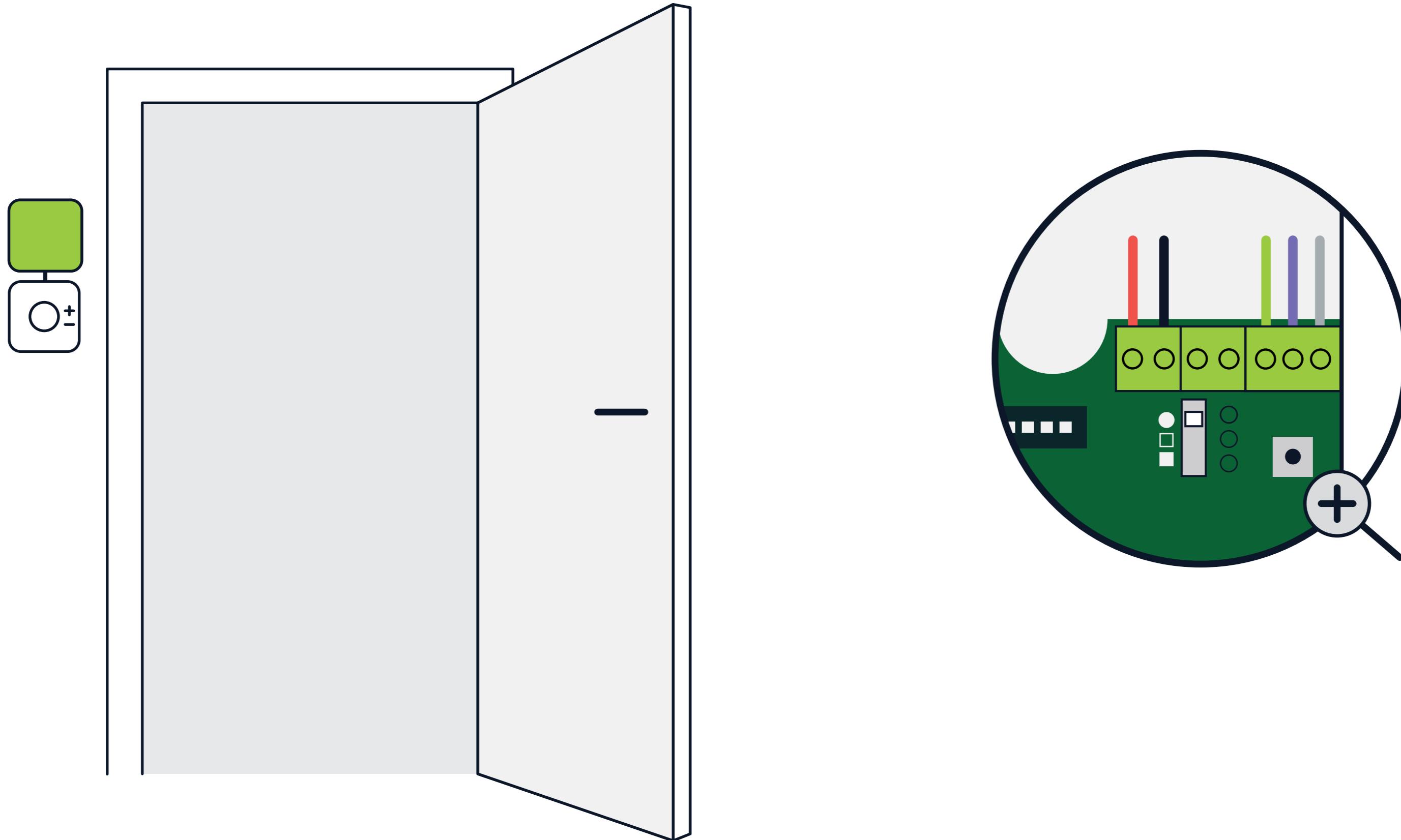
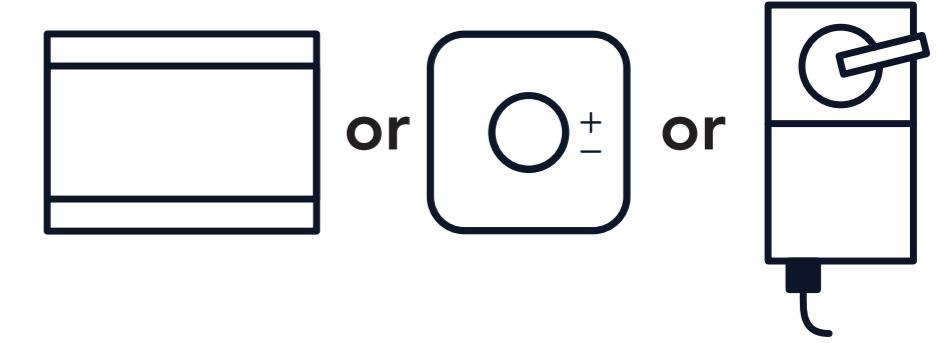
**A - Move the switch to "COMM" or B - Move the switch to "OFF".**  
**Continue by installing the LumenRadio node next to your field devices, starting with the one closest to your gateway.**

**Ex. Node to zone controller**



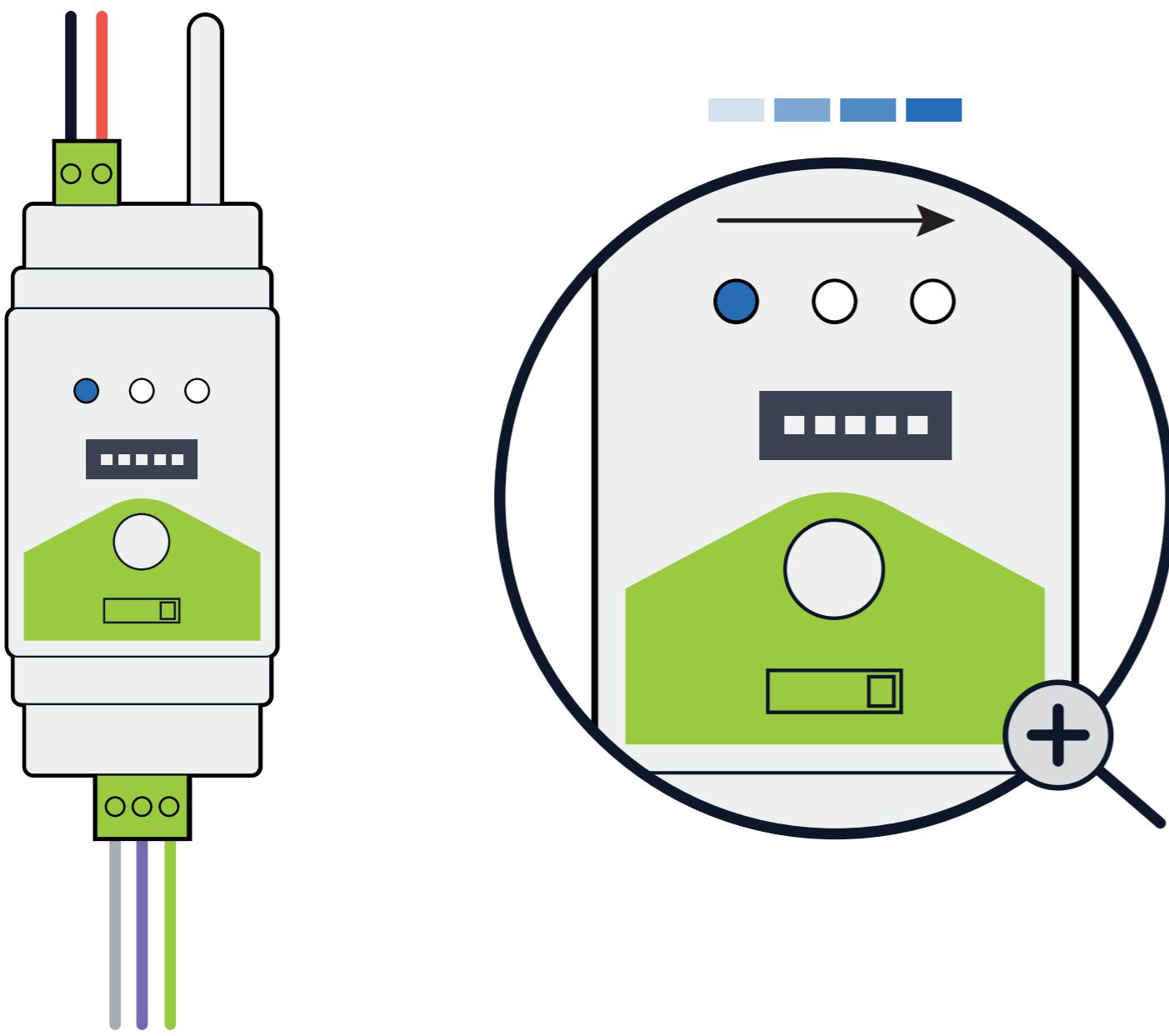
**Connect the LumenRadio device with chosen device (zone controller). Optionally, set a local Baud rate.**

Ex. Node to room controller

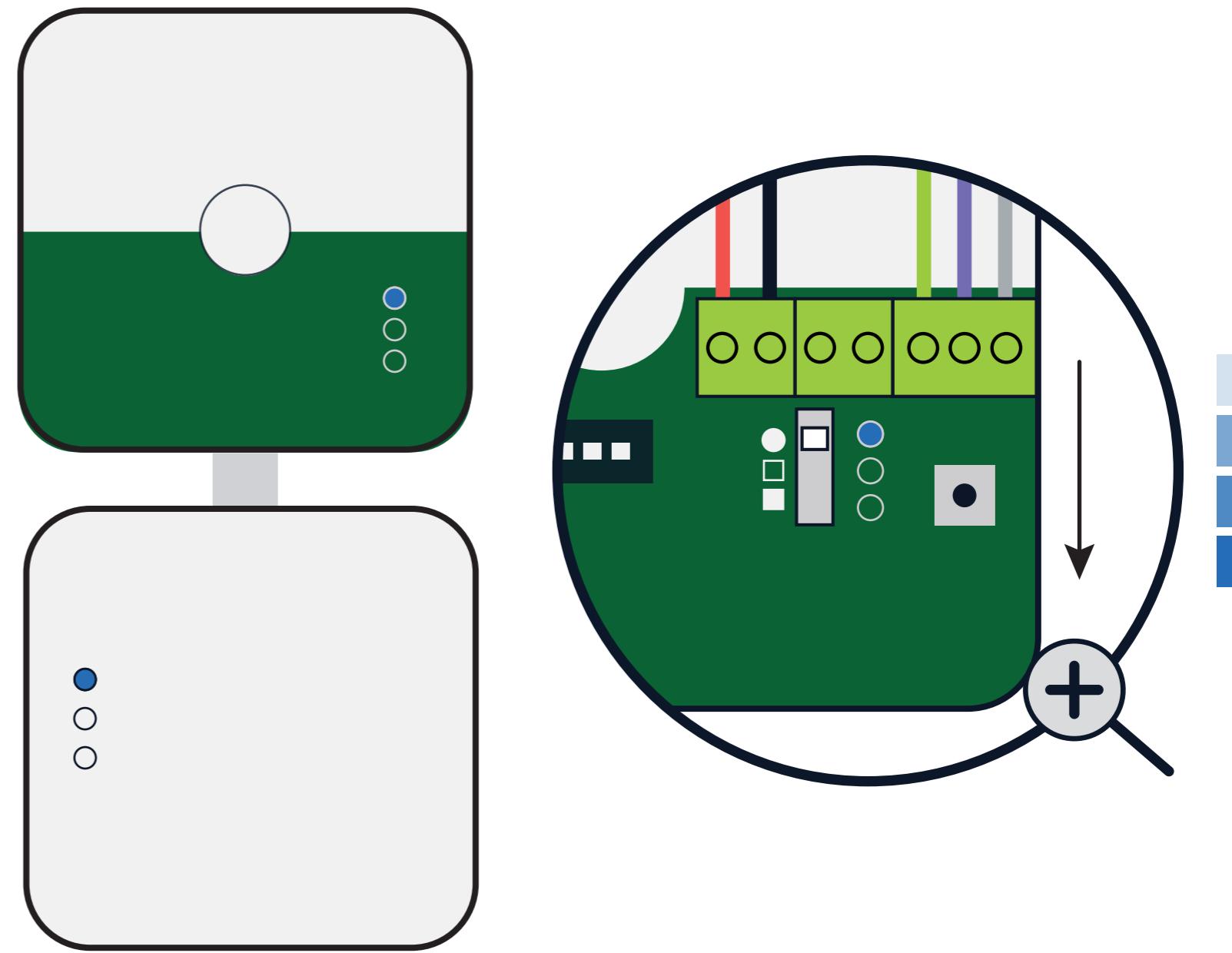


Place the LumenRadio device preferably above the chosen device (room controller) and connect. Optionally, set a local Baud rate.

**A. DIN rail**

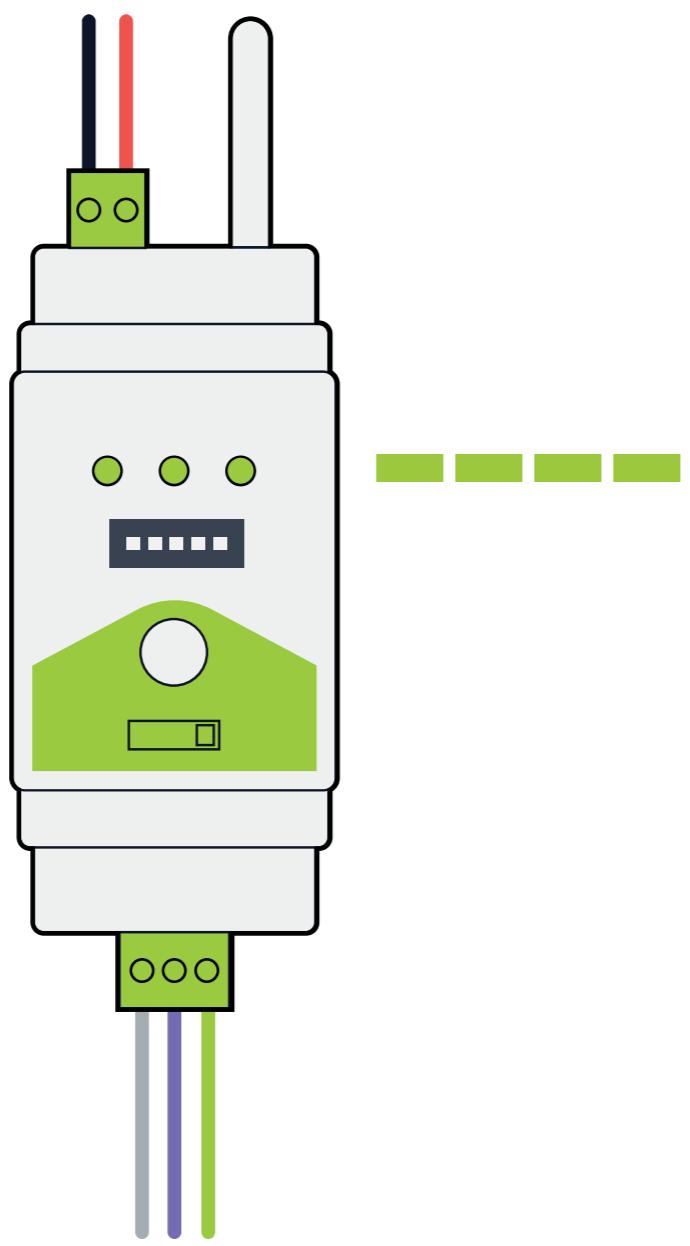


**B. wall mount**

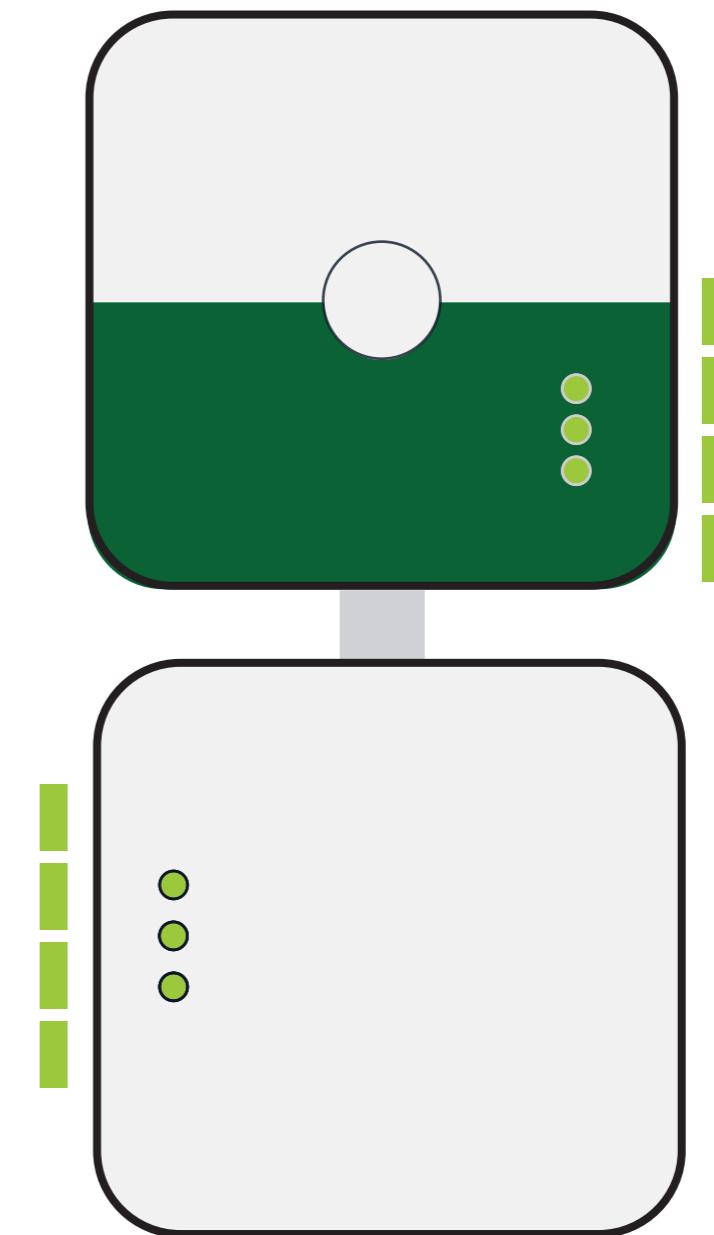


**The lights on your node will now sweep in blue.**

**A. DIN rail**

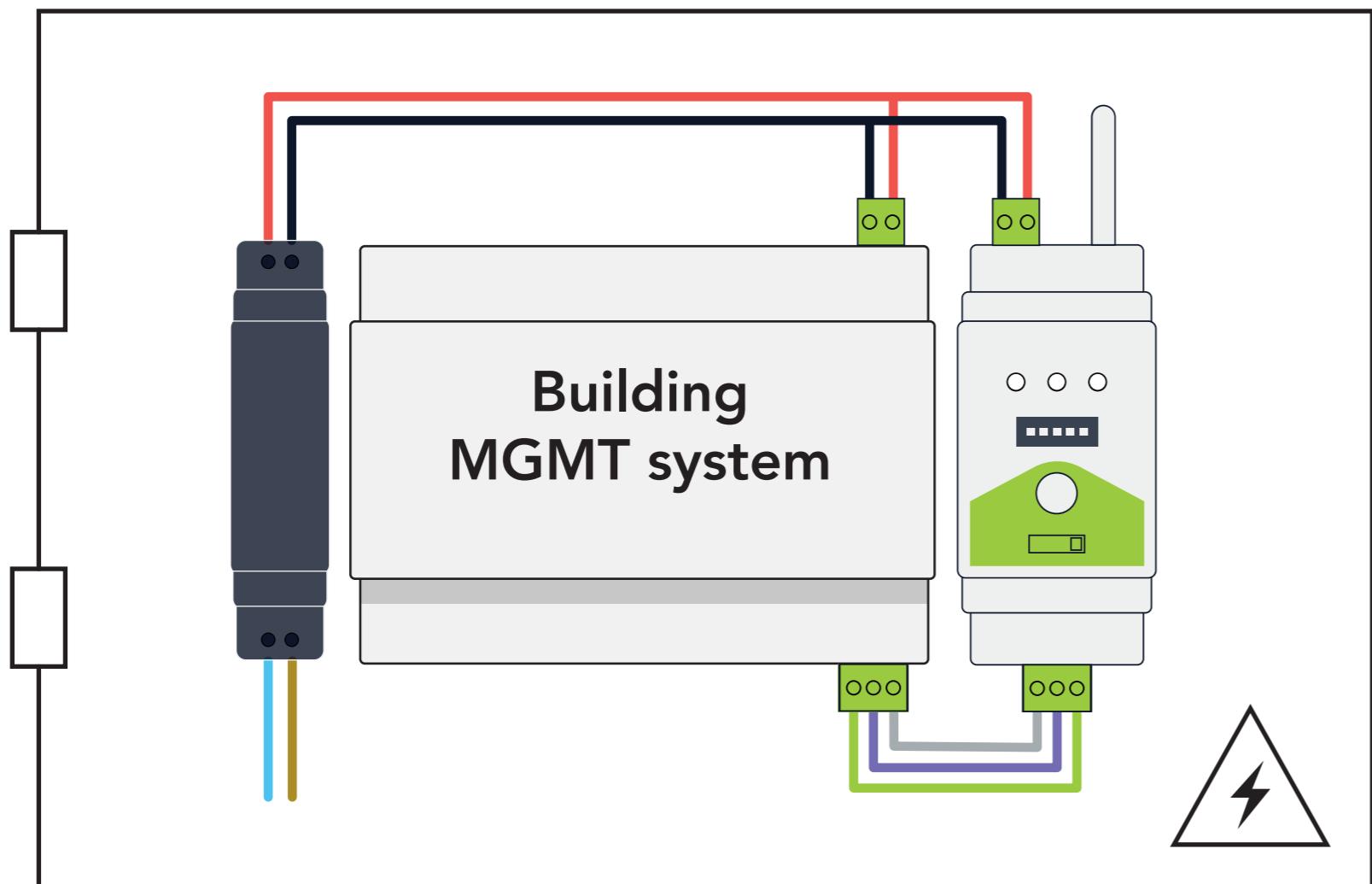


**B. wall mount**

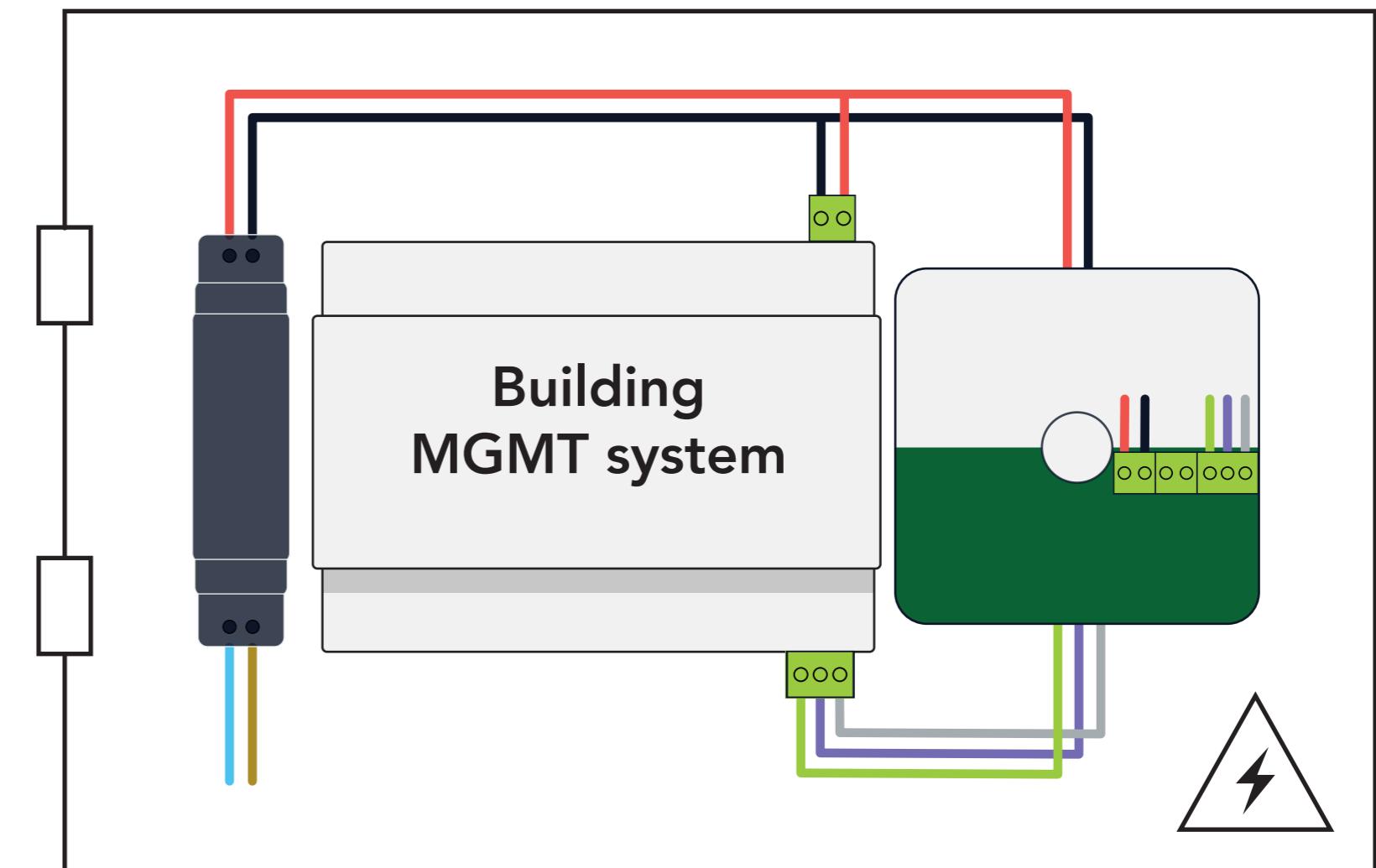


**When the lights start blinking green, the node has found the gateway. This can take up to five minutes.**

**A. DIN rail**

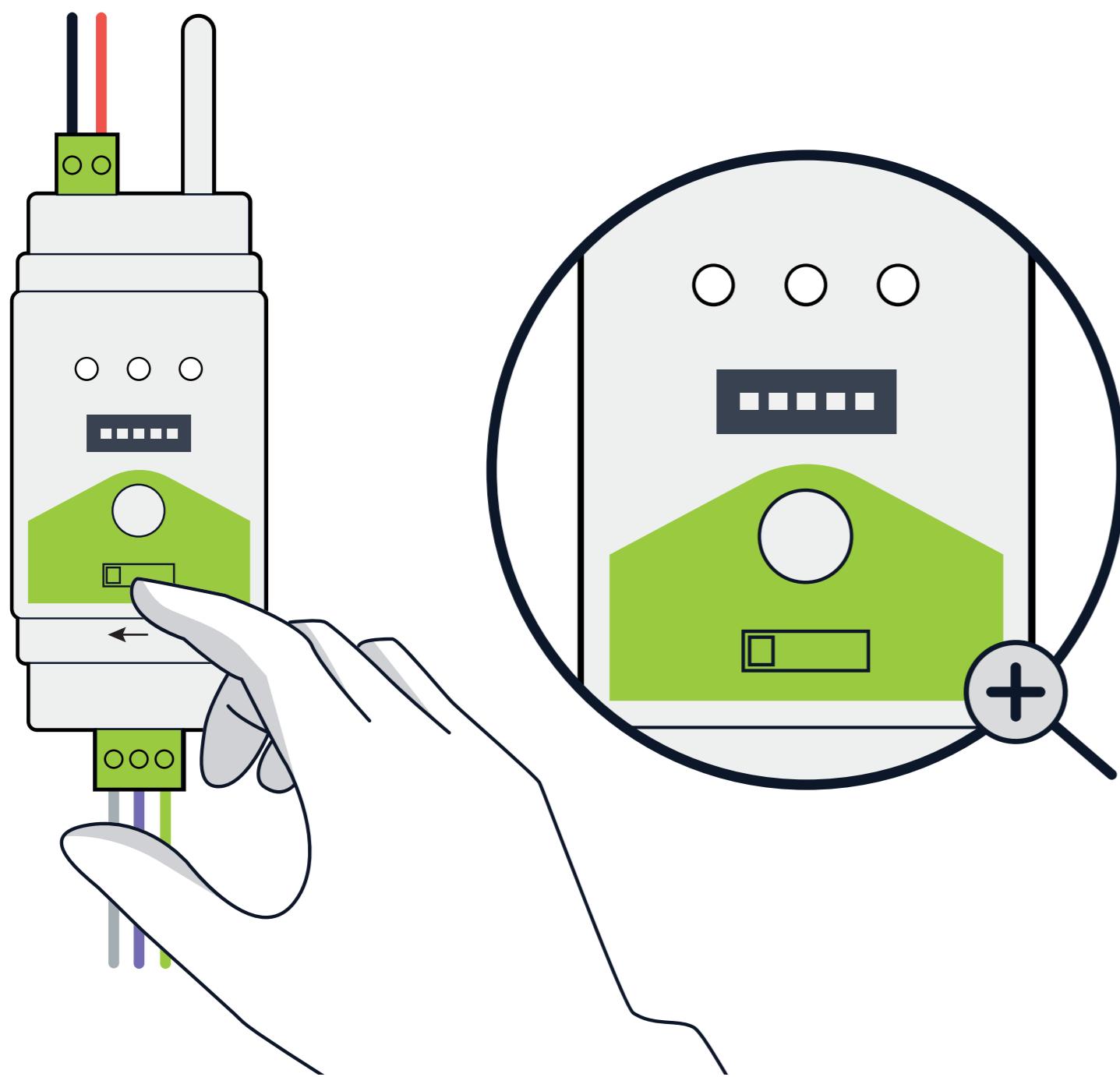


**B. wall mount**

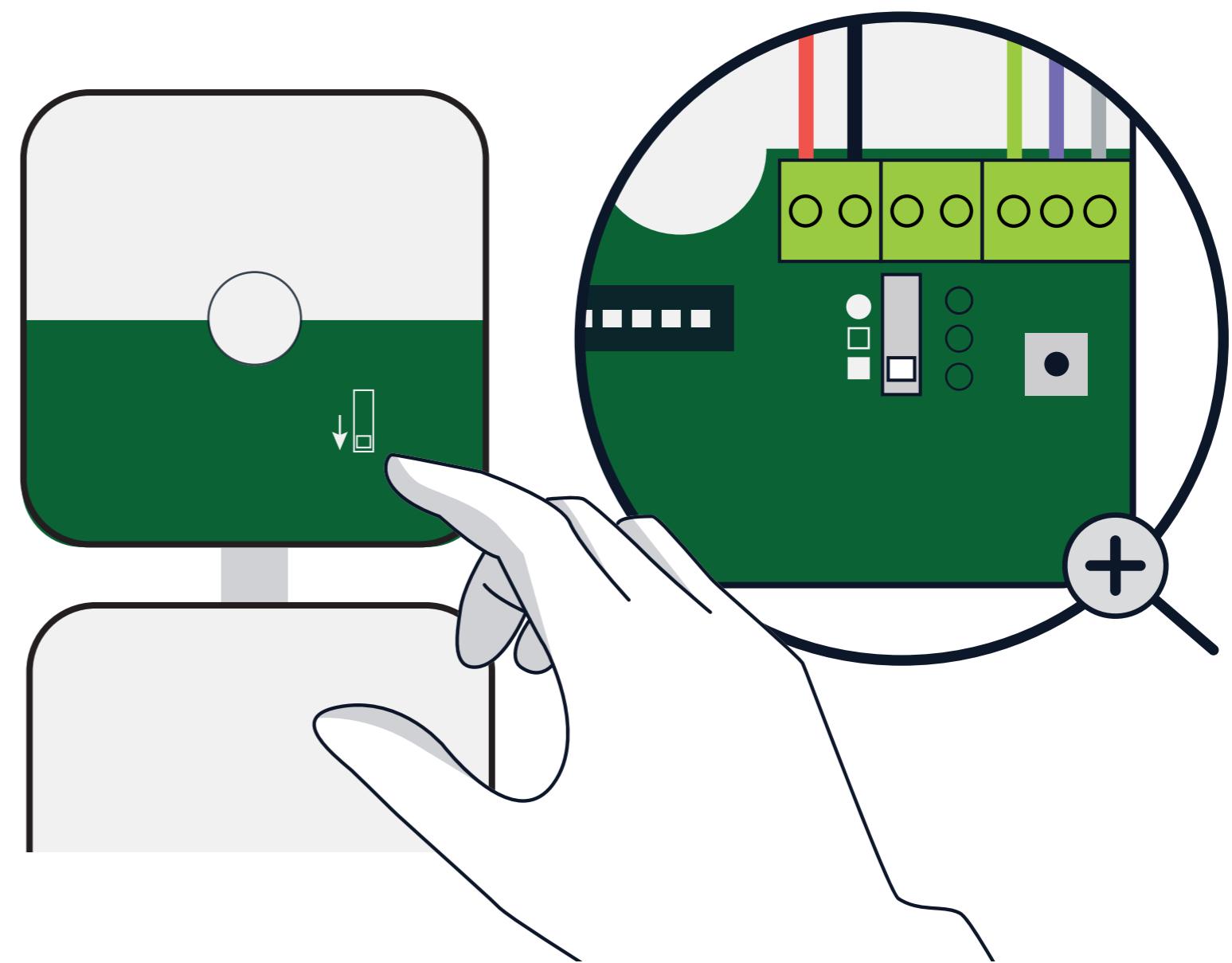


**Go back to the gateway.**

**A. DIN rail**

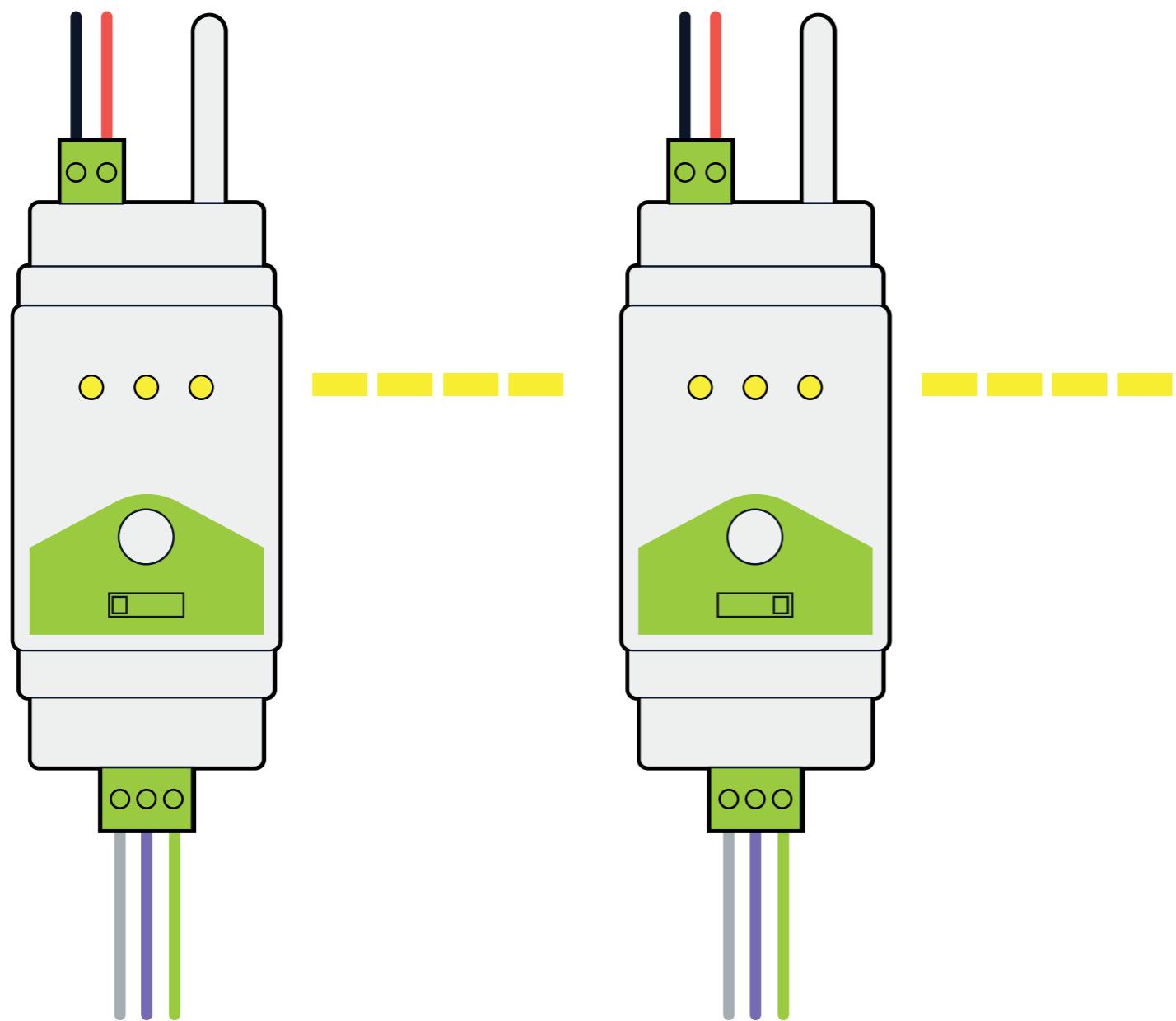


**B. wall mount**

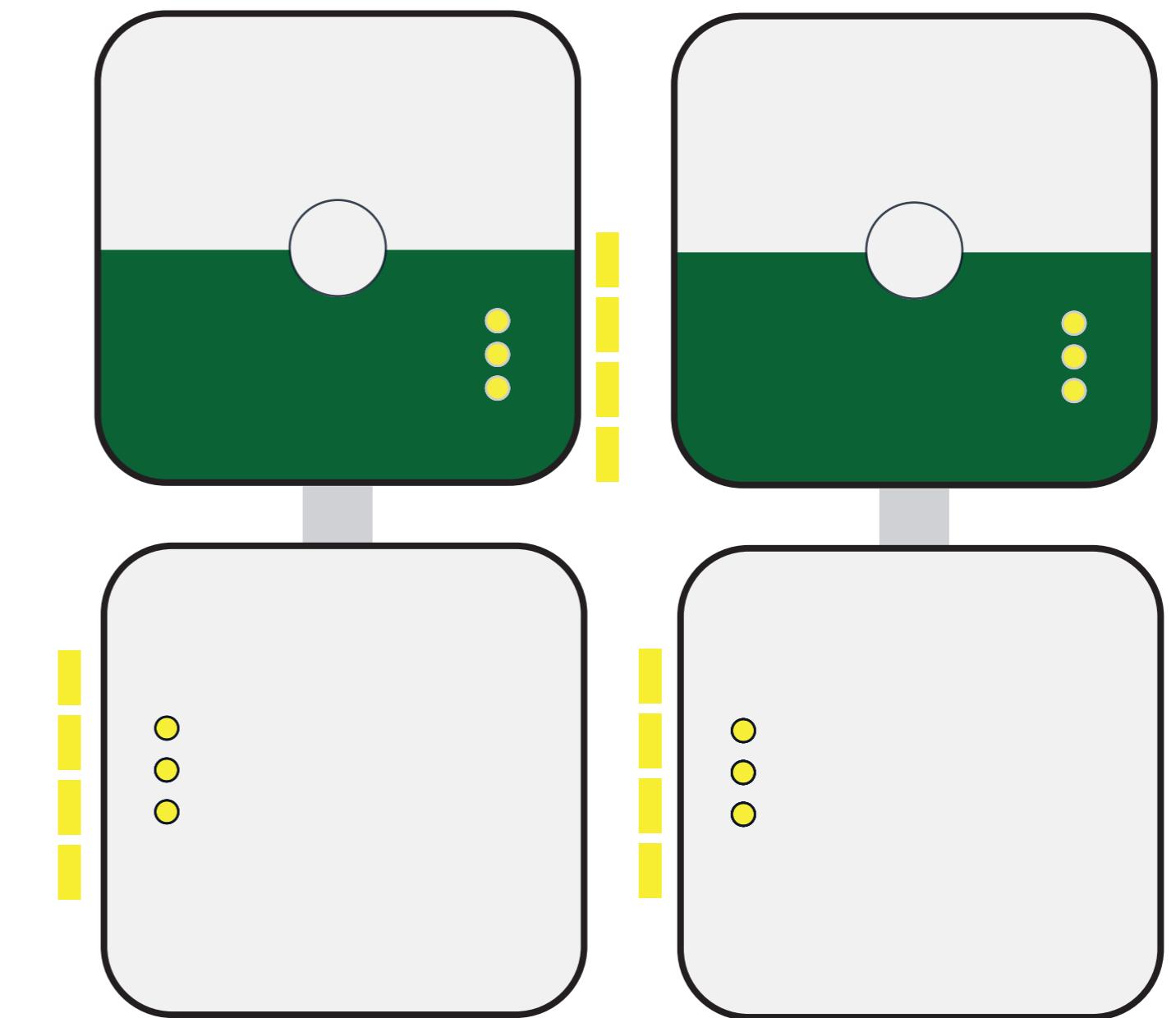


**A - Move the switch to "GATEWAY"**  
**or B - Move the switch to "□"**

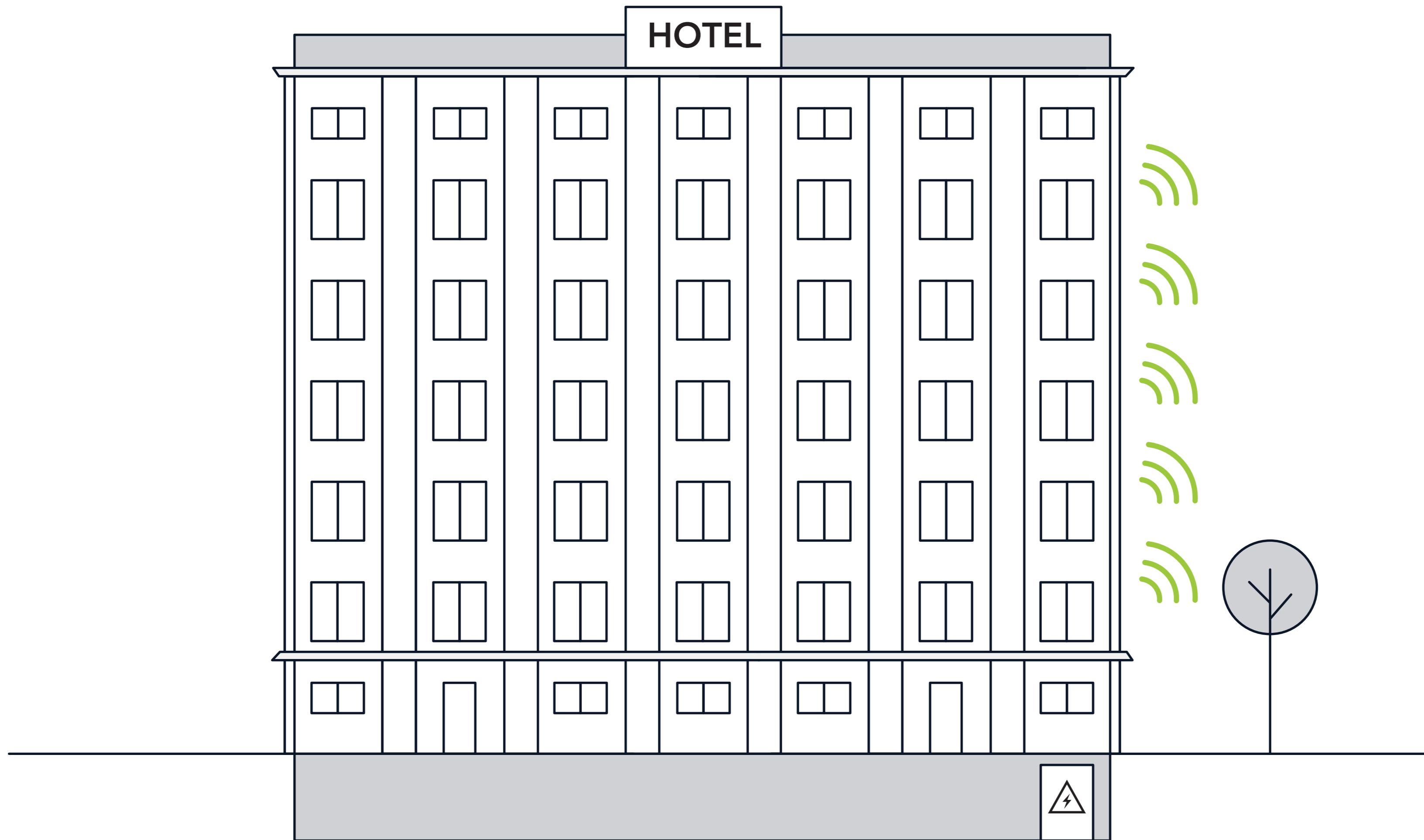
**A. DIN rail**



**B. wall mount**

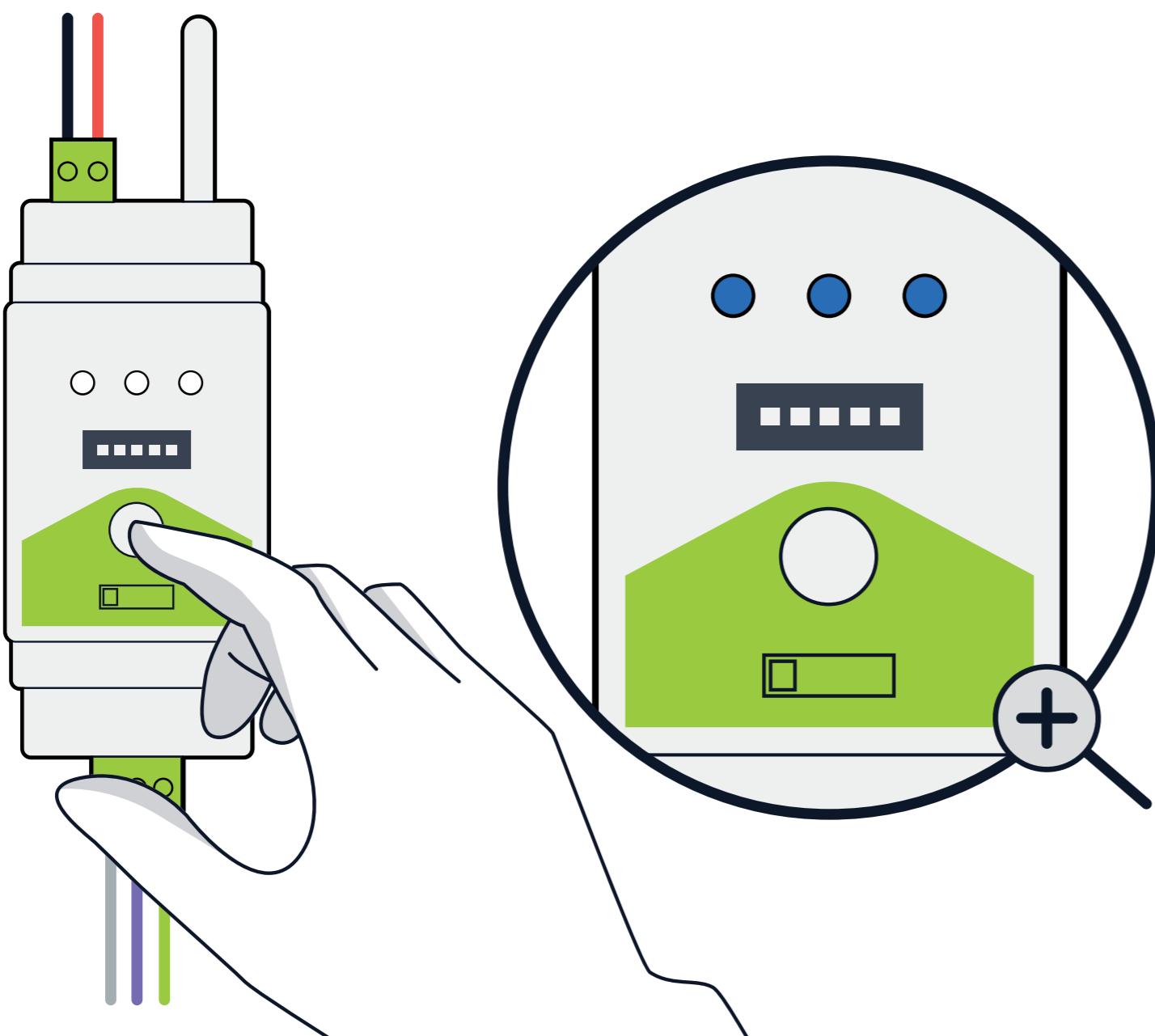


**The devices blink yellow entering secure mode.  
This may take up to 5 minutes.**

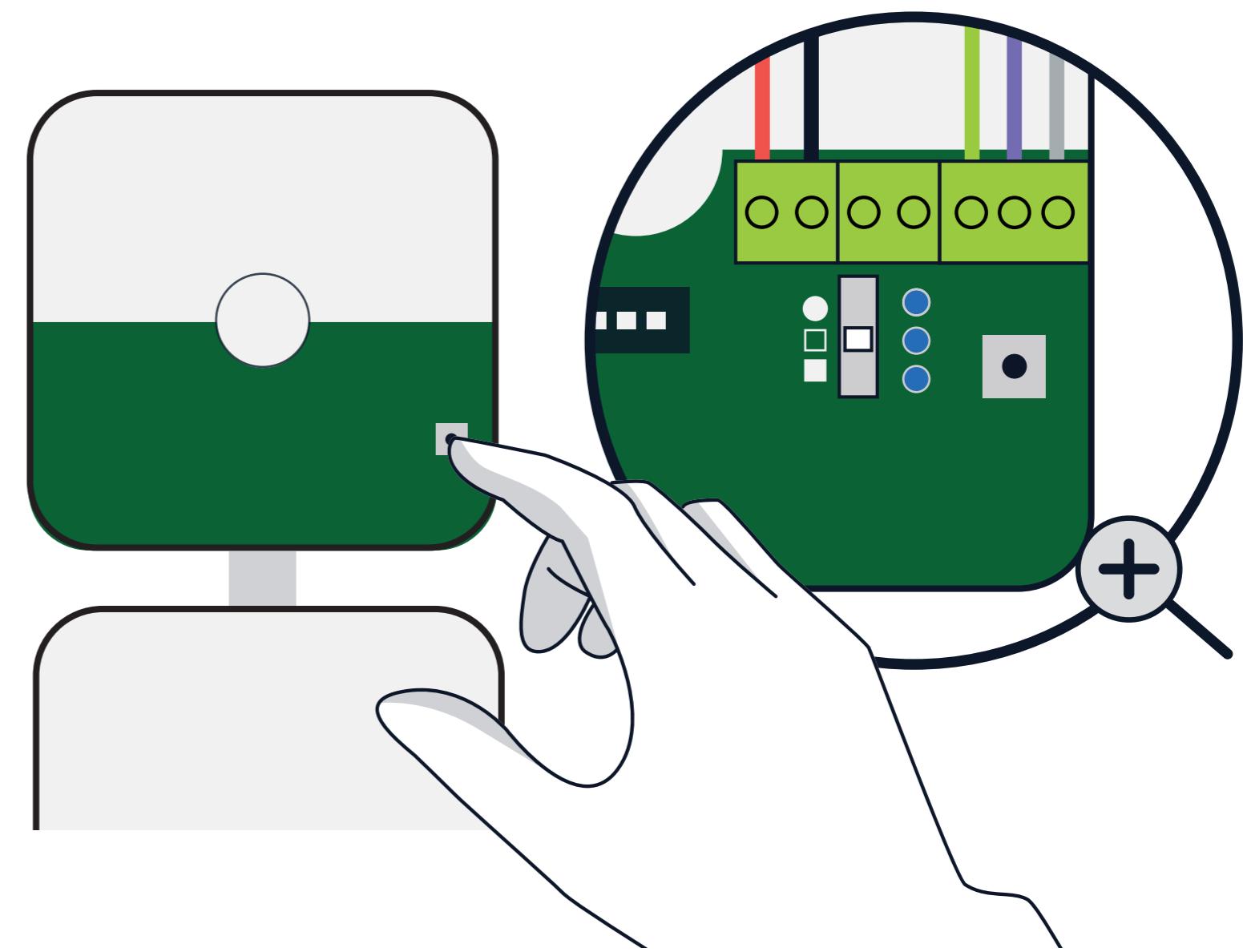


**Now you have a wireless connection!**

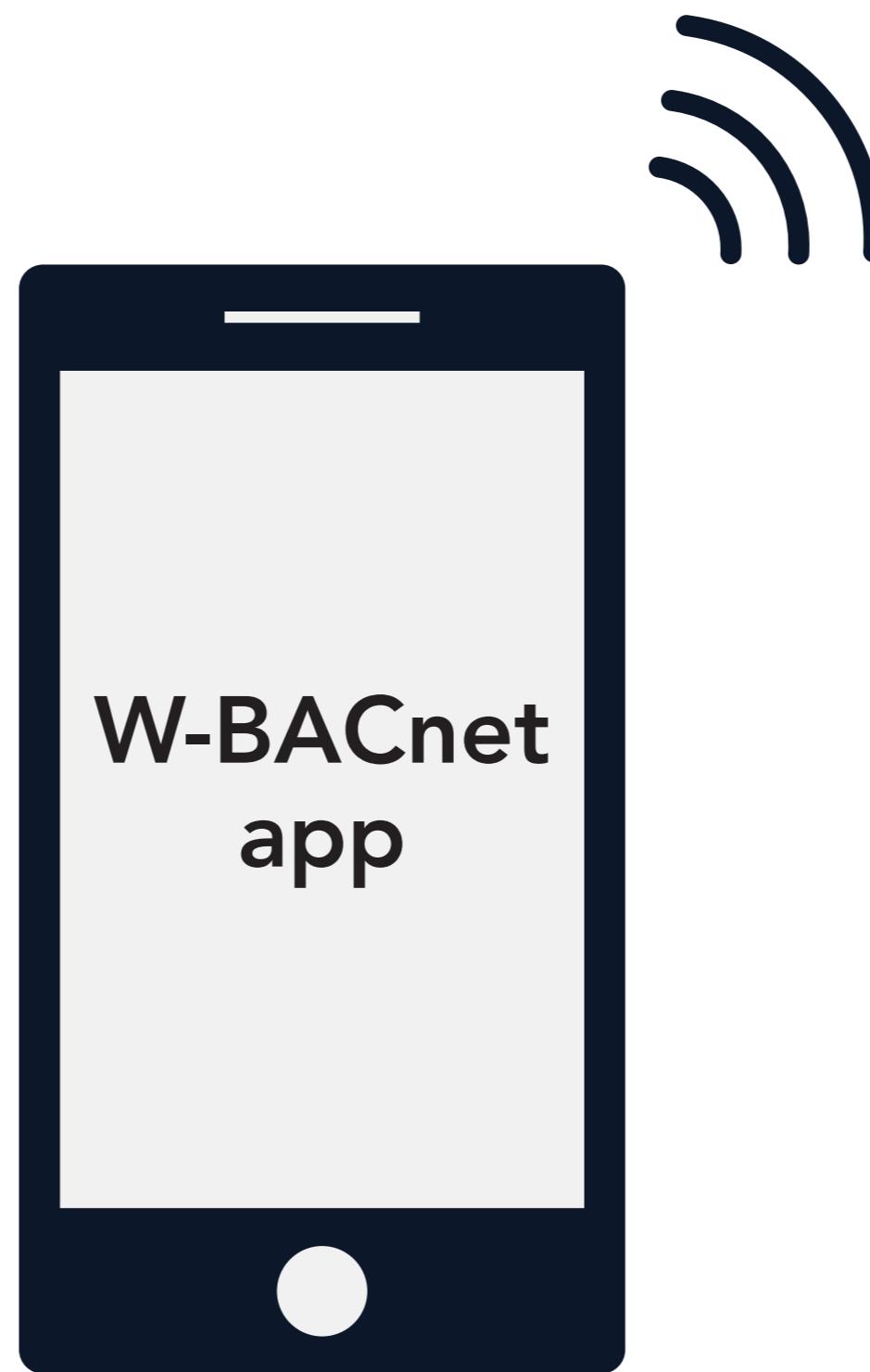
**A. DIN rail**



**B. wall mount**



**To use the W-BACnet app, press the button on the gateway three times so that it blinks blue twice and you are ready to connect.**



**Verify your installation in the app.  
For a detailed overview, select Network Map.**



**Learn more at [www.lumenradio.com](http://www.lumenradio.com)**