

Panoramic Power™ PAN-42 Sensor installation quick guide



PAN-42 Sensor full installation manual



PAN-42 Sensor installation video

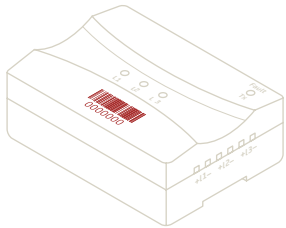


Get in touch with Support

See page 7 to determine the appropriate setup for your panel/device.

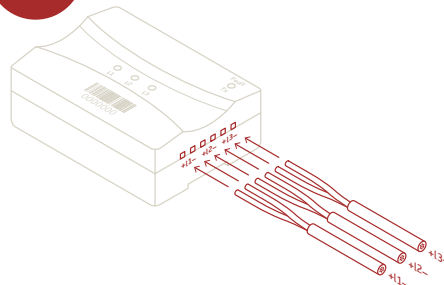
→ Hardware installation¹

1



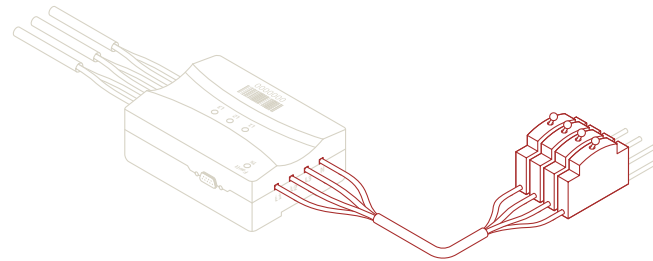
- ✓ Power down the panel/device.
- ✓ Note the sensor ID number below the barcode, which you will need later to map the sensors to the circuits.

2



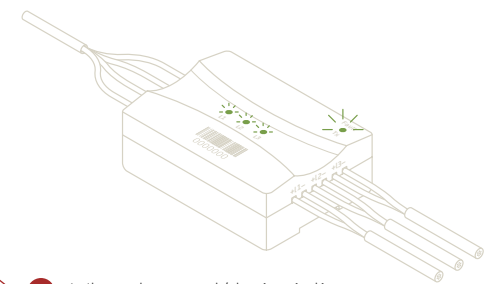
- ✓ Connect the current transformers (CTs)² to the miniature circuit breaker (MCB) inside the electrical panel board and connect the MCB to the 'I1' – 'I3' terminals of the sensor.
- ✓ Open and wrap the CTs around the wires of the panel/device and snap the CTs closed.

3



- ✓ Connect the voltage inputs to a fuse holder inside the electrical panel board and connect the fuse holder to the 'L1' – 'L3' terminals of the sensor.
- ✓ Connect the neutral wire to the 'N' terminal (if applicable).

4



- ✓ When the panel/device is live, all 3 phase LEDs will be solid green and the upper right LED will flash green intermittently.

→ Software configuration³

1

Go to www.powerradar.energy and log in with your email and password.

2

Go to the Site Dashboard and click on the 'Deployment Tool' link.

3

Create/Navigate to the Zone > Panel > Device of which the sensor is installed.⁴

4

Click 'Install Sensor' to enter the sensor ID number and click 'Install Sensor' again after entering the Power Factor and Current Factor. Repeat for the remaining phases with the same sensor ID number.

5

Validate the sensor operation by hovering over the eye icon in the Reception column to view the sensor's signal strength to the bridge (RSSI) and the current running through the wire.



¹The electrical panel should be de-energized and the bridge(s) must be installed prior to PAN-42 Sensor installation.

²CTs attached to the PAN-42 Sensors must have a 0 – 5A output.

³If you do not have login credentials, contact your PowerRadar™ account administrator.

⁴Device needs to be set as a 3 phase/3 sensor setup.