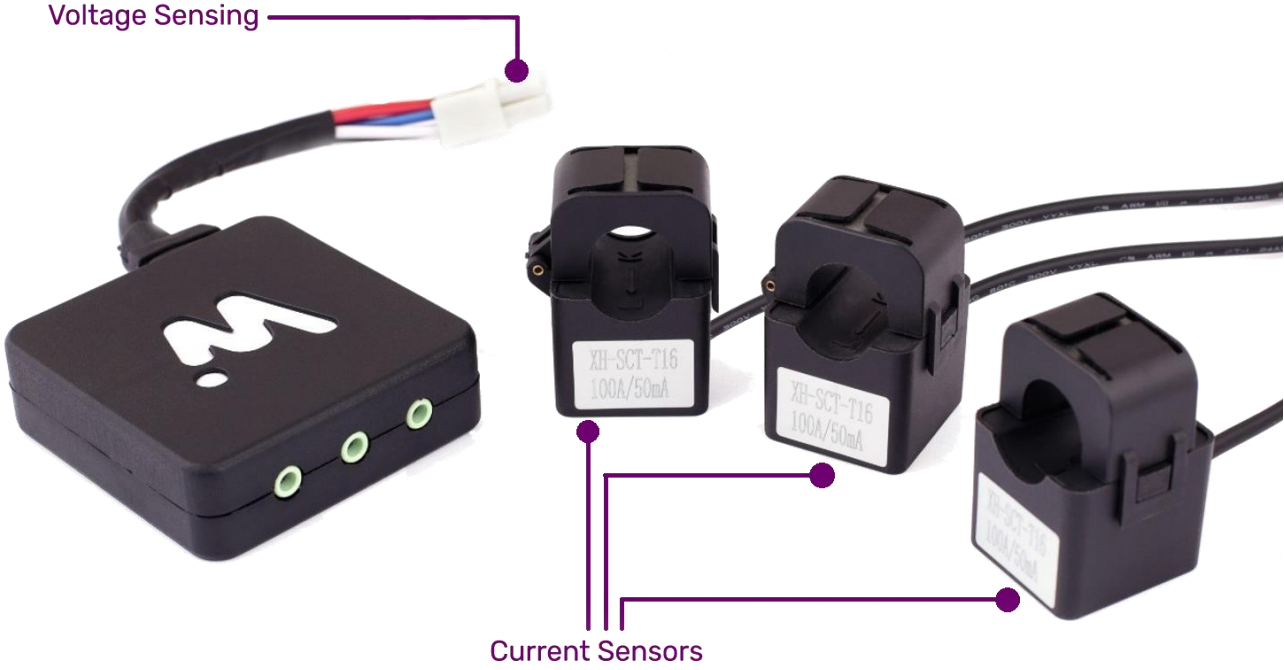


Installation manual - Wattie



Wattie is a three phase energy monitor which is installed in an electricity distribution box (DB) and senses voltages and current on all three phases.

Installation must only be done by the electricity professionals as it needs to be done inside the DB and can be dangerous.

Things to have before starting the installation process.

- 1 – Torch
- 2 – Drill machine
- 3 – Screw driver



Following are the steps for installation

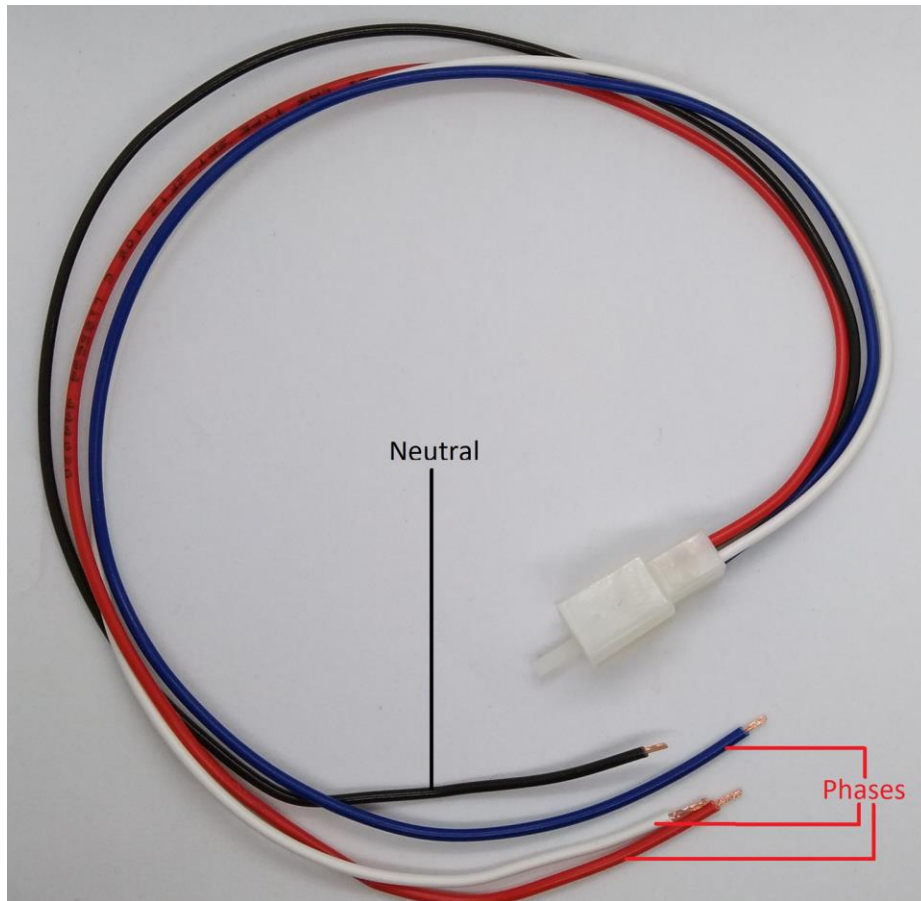
Step 1

Switch off the main breaker



Step 2

Remove the metal sheet in the DB carefully. Connect voltage wires (Red, White and Blue) to phase 1, 2 and 3 and Black wire to the neutral at output of any possible circuit breaker.



Step 3

Clamp current sensor around the main phase wires. Make sure to install the current sensors in the direction of current flow. The direction is also mentioned on the sensor itself as shown in the picture below.



The current sensors have colored tie knots (Red, White and Blue) to show the corresponding voltage phases. Make sure the respective colored current sensor is clamped on the phase as that of the colored wire for voltage sensing.



Step 4

To power up the device, the 5v adapter is used. Place the adapter anywhere inside the DB and power it up using any live phase and the neutral wire. Red wire should be connected to live phase and the black should be connected to the neutral.



Step 5

The device should be mounted using the double tape attached to the back of the device on the outer side of the metal sheet in the electricity distribution box.

Drill two holes, if required to get the voltage and current leads to the front side of the sheet.

Connect the voltage cable, power cable and the current sensors to the device.

Current sensors should be connected in the following order. (Red, White, Blue).



Step 6

Make sure there are no loose connection. Power up the electricity distribution box. The device should show a blinking blue light.

In case of any questions, write to us at info@wattie.io

After correct installation, the setup should look like the one in the following picture.

