

Dedicated Circuit: 1 Load

Safety Precautions

Electrical equipment should be installed, operated, serviced and maintained only by qualified personnel. No responsibility is assumed by Schneider Electric for any consequences arising out of the use of this material.



HAZARD OF ELECTRIC SHOCK, EXPLOSION OR ARC FLASH

Apply appropriate personal protective equipment (PPE) and follow safe electrical work practices. See NFPA 70, CSA Z462, or NOM 029-STPS.

This equipment must only be installed and serviced by qualified electrical personnel.

Turn off all power supplying this equipment before working on or inside equipment.

Always use a properly rated voltage sensing device to confirm power is off.

Replace all devices, doors, and covers before turning on power to this equipment.

Beware of potential hazards, and carefully inspect the work area for tools and objects that may have been left inside the equipment.

Failure to follow these instructions will result in death or serious injury.

The Wiser Energy System has been tested and certified for use with Square D™ circuit breakers, load centers and combination service entrance devices (CSEDs) as installed per this manual.

For use in non-Square D load centers and CSEDs please consult with the manufacturer for compatibility.

Instructions

Wiser Energy can easily monitor a single 120V or 240V circuit. As a reminder, this feature is designed to monitor circuits that have a single device or appliance on them. If you monitor a circuit with multiple devices, they will show as a single device in the Sense app.

Please ensure your dedicated circuit sensor cable is plugged into your Wiser Energy monitor before installing your sensors.

What do you want to monitor?

[Monitoring a single 120V load](#)

[Monitoring a single 240V load](#)

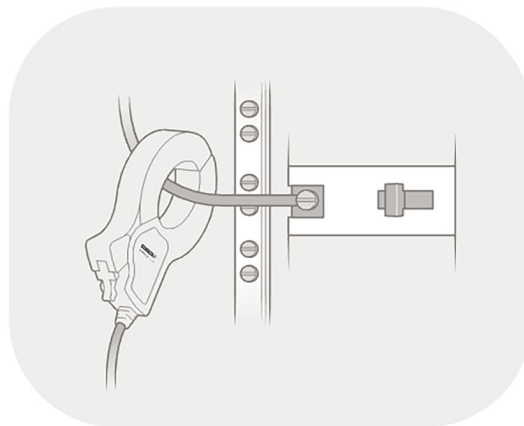
Monitoring a 120V load

Instructions:

1. Turn off the breaker to the load.
2. Clamp one sensor around the single ungrounded conductor attached to the breaker. Once placed in the final orientation, if your sensor has locking capabilities, push the sensor lock until you hear a click. The direction of the Wiser Energy logo sticker on the sensor must face the circuit breaker. Failure to correctly face the sensor will result in inaccurate or negative wattage.

NOTE: GFCI and AFCI breakers may be connected directly to the neutral bus with an additional wire. That wire should be ignored for the purposes of this installation.
3. Tuck the other sensor away safely within your electrical panel.
4. Write down the name of the device you'll be monitoring and that it's a 120V load. You'll need this information during in-app setup.

Ensure the breaker is still in the 'off' position before returning to the core installation guide.



[Return to the Dedicated Circuit installation guide.](#)

Monitoring a 240V load

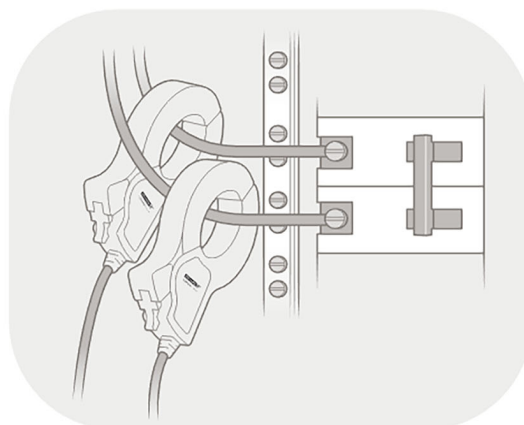
Instructions

1. Turn off the breaker to the load.
2. Clamp one sensor around either ungrounded conductor attached to the breaker. It does not matter which conductor the sensor is attached to. The direction of the Wiser Energy logo sticker on each sensor must face the circuit breaker.
3. Clamp the other sensor around the remaining ungrounded conductor attached to the breaker. The direction of the Wiser Energy logo sticker on each sensor must face the circuit breaker. Failure to correctly face the sensor will result in inaccurate or negative wattage.

NOTE: GFCI and AFCI breakers may be connected directly to the neutral bus with an additional wire. That wire should be ignored for the purposes of this installation.

4. Once placed in their final orientation, if your sensors have locking capabilities, push the sensor locks until you hear a click.
5. Write down the name of the device you'll be monitoring and that it's a 240V load. You'll need this information during in-app setup.

Ensure the breaker is still in the 'off' position before returning to the core installation guide.



[Return to the Dedicated Circuit installation guide.](#)