

# Wiser™

home management



## Load Control

The Load Control is a part of the Schneider Electric Wiser™ home management system. Wiser empowers homeowners to monitor and improve energy use and efficiency as well as coordinate with utility demand response and energy management applications. The Load Control device provides remote monitoring and management of HVAC compressors, water heaters, pool pumps, and other power circuits.

The Load Control consists of a controllable circuit breaker, ZigBee® compliant radio, and a branch current transformer (optional). The resulting system is compatible with the ZigBee Smart Energy profile, and works with the remote interface features of Advanced Metering Infrastructure (AMI) metering systems.

This enclosure contains all of the necessary logic for control and measurement, and for Radio Frequency (RF) communication. It installs in any location where a branch circuit breaker, or disconnect, is normally used. Each enclosure is capable of operating one single or double pole, remote-operated QOPL circuit breaker. QO Powerlink™ (QOPL) circuit breakers are available from 15 to 60 amps.

The Wiser Load Control, when paired with other ZigBee Smart Energy enabled Wiser components, such as the Smart Thermostat, In Home Displays, and Smart Plugs, delivers seamless and secure wireless connectivity in one complete home energy management system. Increased functionality, such as remote control and timer functions, as well as consumer-convenient demand response and opt-out features, is possible when the Load Control is combined with other Wiser system components. The Wiser system has the capability to interpret demand response, time-of-day pricing, and critical-peak pricing. Wiser allows homeowners to conserve energy, reduce costs, and experience increased convenience and comfort.











### Wiser supports

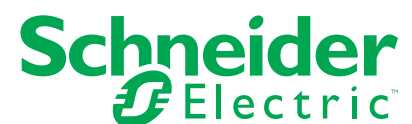
demand response, time-of-day pricing, and critical-peak pricing — controlling home HVAC to conserve energy.

## Wiser home management benefits



-  Easy implementation and functionality via wireless communication
-  Facilitates demand response and pricing programs
-  Automated, convenient home energy management
-  Reduces peak usage and costs
-  Saves money on energy costs
-  Helps prevent grid overloads
-  Increased convenience and satisfaction
-  Increases power efficiency and network reliability

Make the most of your energy<sup>SM</sup>



## Features

- Reports energy consumption to the Wiser system
- Switches on or off via Web or mobile apps
- Controls one or two pole, 15 to 60 amp, remotely operated circuit breakers
- Serves as a disconnect switch, and over current protection device
- Acts as a repeater in ZigBee networks, may be used to increase range

## Ordering Information

- EER260LLC  
(Large Load Control)
- EER260LLCCT1  
(Single CT Assembly for Single-Phase Loads)
- EER260LLCCT2  
(Dual CT Assembly for Split-Phase Loads)

## Specifications

Description	ZigBee Smart Energy Load Control Device
<b>Unit Dimensions</b>	8.75 x 6.5 x 3.88 inches
<b>Power</b>	120 or 240 Vac, supplied from line side
<b>Output Capacity</b>	15 to 60 amps, 1 or 2 pole, determined by plug-in circuit breaker
<b>User Interface</b>	Event opt-out and status
<b>Communications</b>	ZigBee (2.4 GHz) 100 mW output power
<b>Standards</b>	<ul style="list-style-type: none"> <li>• UL® 489</li> <li>• Canadian Standard</li> <li>• FCC™, Class B, part 15 Radio Emissions</li> <li>• IEC® 61000-4 Electromagnetic Compatibility</li> </ul>
<b>Consumer Features</b>	<ul style="list-style-type: none"> <li>• Opt-out of energy events, temporary or permanent</li> <li>• Remote control of connected load</li> <li>• Energy measurement</li> </ul>
<b>Utility Features</b>	<ul style="list-style-type: none"> <li>• Demand response and load control</li> <li>• Duty cycle</li> <li>• Simple metering</li> <li>• Remote ON/OFF control</li> </ul>

## Square D™ QOPL Circuit Breakers\*

<b>QO115PLILC</b>	QOPL Circuit Breakers 15A, 1 Pole, 10 kA AIC
<b>QO120PLILC</b>	QOPL Circuit Breakers 20A, 1 Pole, 10 kA AIC
<b>QO230PLILC</b>	QOPL Circuit Breakers 30A, 2 Pole, 10 kA AIC
<b>QO240PLILC</b>	QOPL Circuit Breakers 40A, 2 Pole, 10 kA AIC
<b>QO250PLILC</b>	QOPL Circuit Breakers 50A, 2 Pole, 10 kA AIC
<b>QO260PLILC</b>	QOPL Circuit Breakers 60A, 2 Pole, 10 kA AIC

\*Required accessory. Sold separately.



For more information, visit [www.wiserenergy.com](http://www.wiserenergy.com)

For support, email [wiser\\_support@schneider-electric.com](mailto:wiser_support@schneider-electric.com)

Or, call **855-55WISER** (855-559-4737)

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