



Load Control Relay

Wiser empowers homeowners to monitor and improve energy use and efficiency as well as coordinate with utility-driven energy management and dynamic price programs.

The Wiser Load Control Relay reports energy consumption and provides timer scheduling of power loads through its coordinated operation with the Wiser™ In Home Display (IHD), Web Portal, or mobile app. In addition to displaying general interest information such as time and temperature, the In Home Display, Web Portal, or mobile app are each able to control the Load Control Relay to set time-of-day schedules.

The Load Control Relay, when paired with other ZigBee® Smart Energy enabled Wiser components, such as Smart Thermostats, Smart Plugs, and Load Control devices, operates to deliver 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 Relay is combined with other Wiser system components such as the In Home Display. 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

Features

- Reports energy consumption to the Wiser system
- Switches on or off via the Wiser In Home Display (IHD), Web Portal, or mobile apps
- Provides remote timer scheduling, via the Wiser In Home Display (IHD), Web Portal, or mobile app
- Acts as a repeater in ZigBee networks, may be used to increase range

Ordering Information

- EER42200 (30 Load Control Relay)
 - Wall Mounting
- EER42300 (5 Amp Load Control Relay)
 - Wall Mounting

Specifications

Description	ZigBee Smart Energy Load Control Device
Unit Dimensions	4.25 x 5 x 2.25 inches
Power	100 – 250 Vac, 50/60 Hz supplied by line-side wiring
Output EER42200	30 amps, 28 Vdc/115 Vac/240 Vac, 2 HP @ 240 Vac, 1 HP @ 115 Vac
Output EER42300	5 amps, 28 Vdc/115 Vac/240 Vac, 240 VA @ 240 Vac pilot duty
User Interface	<ul style="list-style-type: none"> • One LED, indicates device status • Commissioned using magnet interface
Communications	ZigBee (2.4 GHz) 100 mW output power
Standards	<ul style="list-style-type: none"> • UL® 916 • Canadian Standard C22.2 • FCC™, class B, part 15 Radio Emissions • IEC® 61000-4 Electromagnetic Compatibility
Consumer Features	<ul style="list-style-type: none"> • On/Off control of wired loads • Timer-based schedules with four events per day unique schedule for each day
Utility Features	<ul style="list-style-type: none"> • Demand response and load control • Duty cycle • Price responsive • Simple metering • Remote ON/OFF control



For more information, visit www.wiserenergy.com

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