




HOME AUTOMATION

Put your energy usage to sleep...

A modern living room with a large skylight, a long wooden TV stand, a sofa with orange cushions, and a large rug.

Turn off all standby usage when leaving home. Get a detailed overview of which appliances that uses most energy. Help saving the environment by disconnecting appliances not used – without compromising the comfort.

- With QEES Power



QEES Power - Model 0300002

- ❖ Build in Electricity meter
- ❖ 16A Breaking capability
- ❖ Up to 400 ft. range with routing
- ❖ Local operation and "follow me"
- ❖ Local operation lock out

QEES Power – Advanced technology made simple

The QEES Power is a wireless circuit breaker with a build in electricity meter. The QEES Power uses the Z-Wave wireless technology which is a standard for controlling home appliances regardless of vendor. Controlling devices that carry the "Speaks Z-Wave" logo may be used to control the QEES Powers on / off settings.

Circuit breaker

The QEES Power is used to cut off the power to the attached device or devices. Using a Z-Wave based controller, such as the QEES Wall, the QEES Power may be used to cut off standby usage of appliances such as TV, VCR, Game consoles, etc. Associating multiple QEES Power modules with one button on the QEES Wall makes it easy to ensure that all unwanted energy usage is cut off when not needed e.g. during working hours.

Sub meter

The QEES Power has a build in electricity meter measuring the amount of power consumed by the attached load. Both the current usage and the accumulate usage are stored in the QEES Power module and can be retrieved by controllers using the Z-Wave protocol as Watt and KWh. Advanced controllers such as the QEES Master may use this information to create graphs that illustrates the energy usage over a period of time.



QEES @ Home

At home the QEES Power module makes it easy to disconnect energy consuming appliances when not used. Besides saving energy the QEES Power adds to the daily comfort allowing home appliances, light, etc. to be controlled via wireless remote controls such as the QEES Wall or QEES Ring.

QEES @ Work

At work the QEES Power ensures that all office appliances, coffee machines, light and PCs is easily turned off all at once at the end of the day. In large installations the janitor can control all appliances from a single location, even from a remote location. The build in sub meter records the power consumed by every appliance and could be used for individual billing or statistics. The energy usage is collected using the wireless Z-Wave protocol and may be distributed to a central server using an IP gateway such as the QEES Master.

Technical specifications

| | |
|-----------------|-------------------------------|
| Color | White |
| Size | 32x71x110(HxWxD) |
| Supply | 110-240V 50-60Hz |
| Max. current | 16A (4000VA) |
| Range | 100 ft. |
| RF | Z-Wave EU or US |
| Z-Wave type | Routing slave |
| IO Terminals | Earth, Live and Neutral |
| Local operation | Push button |
| Environment | IP20 / 0 C - 40 C / <95% hum. |
| Standards | EN 61347-1;2001 |
| | EN 61347-2-11;2001 |
| | EN 61547;1995 + A1;2000 |

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Congratulations!

Congratulations with your new QEES Product. QEES Power is a combined circuit breaker and electricity meter measuring the power consumed by the attached appliance. The QEES Powers on / off setting may be controlled remotely from a Z-Wave controller regardless of vendor such as the QEES Wall or QEES Ring. With QEES Power module installed between the mains outlet and appliances such as TV, HiFi equipment, game consoles, etc. it is easy to configure your own "all off" button, making sure all unwanted usage is disconnected when leaving home. Add a QEES Master to the installation and get a detailed overview of the power consumed by the home appliances. Both the QEES Power and the QEES Dimmer has a built in electricity meter and used with the QEES Master the usage data is collected and displayed, letting you know where the start saving energy, money and the environment. All communication is wireless and no new wires need to be installed to use QEES Products.

Installation

The QEES Power must be installed between the mains outlet and the appliance, directly on the power line. The QEES Power was designed to be a part of a Z-Wave network, and must be included by a Z-Wave controller such as the QEES Wall or QEES Ring before it can be used. During the inclusion process the Z-Wave controller requires the QEES Power to identify itself. When asked to activate the device to be included – press the button, on the QEES Power, once briefly. The Z-Wave controller should indicate that the QEES Power was included successfully.

If the QEES Power is already included on a different controller, belonging to a different Z-Wave network, the QEES Power must first be excluded from the previous network. Please refer to the controller manual for instructions on how to exclude a device.

Daily usage

The QEES Power was designed to be a part of a Z-Wave based home automation network and may be used with one or more Z-Wave remote controllers. Besides turning on and off power to the attached appliance the QEES Power also measures the power consumed by the appliance. If you wish to see the power used, an advanced master such as The QEES Master is required.

The QEES Power as one push button used for local operation. Push the button once briefly to toggle the on / off setting. The QEES Power supports local operation lock out on two levels. If child lock was enabled by a controller the QEES Power cannot be operated locally, however this lock may temporarily be disabled by pushing the button three times. Local operation will be enabled for 30 seconds, and then relock. If the lock level was set to disable it cannot be disabled locally.

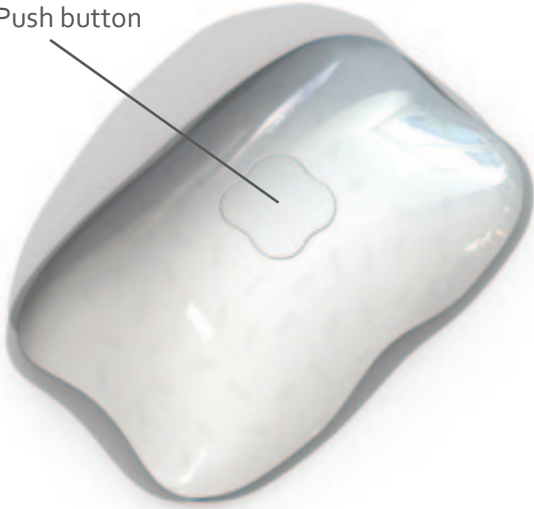
Recycling

The QEES Power module may contain material which is harmful to the environment. Disposal of the device should always be done with respect to the nature thus handed over to a recycling station capable of handling electronic waste.



Administrative functions

Push button



Send Node info

- 1) Push the button once.

Temporary disable protection

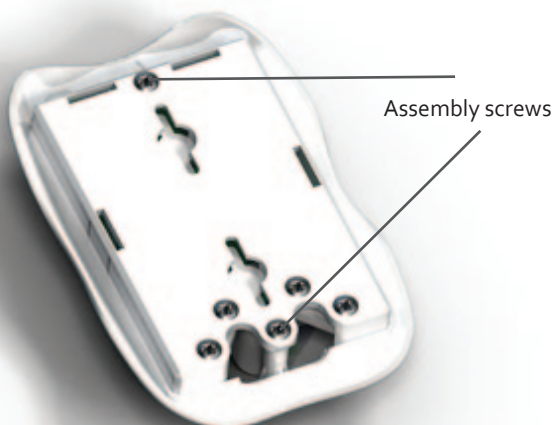
- 1) Push the button three times.

Reset to factory defaults

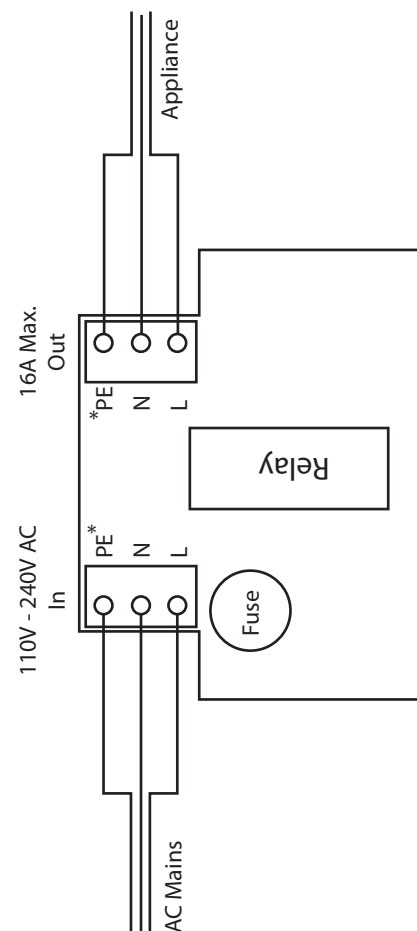
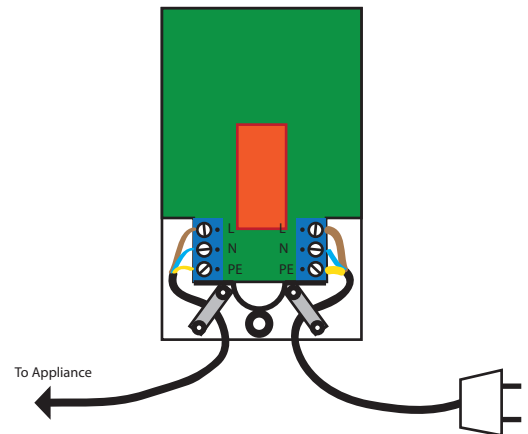
- 1) Push the button three times, followed by holding down for 10 seconds.
- 2) When the device "clicks" factory default has been restored.

Force network update

- 1) Push the button two times, followed by hold down.



Wiring



Wire Range (mm [AWG]) = 0.05-3.00 [30-12]

*) PE wire is optional



When you leave your home -

Turn off the light, cut off standby usage and adjust the heat for saving energy during working hours.

- All by a single push on your QEES Wall.

Save energy and keep focus.