HomePro
RF Home Automation

ZDP200

Radio Frequency Controlled, 300W, 230 VAC, Plug-In Lamp Module (EU-Shuko)

Note: This module must be "Included in the Network" **only where it will be permanently installed**. The proper operation of this node in the mesh network is dependent on it knowing its location with respect to other nodes. You cannot "test bench" configure this module.

Button functions

1. Adds module under the command of Wireless Controller.
2. Local ON and OFF (push and release).
3. Local dimming (hold down).

ZDP200 PLUG-IN LAMP MODULE

The ZDP200 plug-in Lamp Module is a component of the HomePro lighting control system. Plug the Lamp Module into a wall outlet and plug a lamp into the Lamp Module. Inclusion of the Lamp Module on the ZTH100 Wireless Controller menu allows remote ON/OFF control and dimming of lamps connected.

This plug-in Lamp Module is designed to work with other HomePro lamp and appliance controls. Z-Wave nodes of other types can be added to the system and will also act as repeaters if they support this function of repeating the signal received to other modules in the system.

As part of a HomePro network, the ZDP200 can act as a wireless repeater to insure that commands intended for another device in the network are received. This is useful when the device would otherwise be out of the radio range of the wireless controller.

There are no field repairable assemblies on this unit. If service is needed, the unit must be returned where purchased.

INSTALLATION

Plug this Lamp Module into the wall outlet near the lamp to be controlled, and plug the lamp into the Lamp Module. Follow instructions in the Wireless Controller operating instructions to add this module under the command of the Wireless Controller **(ZDP200 must be installed in its permanent location, not on test bench).** Make sure the lamp(s) to be controlled total no more than 300 watts. WARNING: Plugging a non-resistive load such as florescent lighting or a device with a motor may result in damage to the Lamp Module and will void the warranty.

Lamp Module Button

The Lamp Module has a button on the face (see picture above) that switches an attached lamp ON and OFF, and adjusts its dimming level by holding it down, and it is also used to configure the module to operate from the wireless controller. With the Wireless Controller, the Lamp Module can be switched ON and OFF, and can be included in groups of lights (a group can also be a single module) that operate at the same time, and in scenes that set a lighting mood.

Switch power ON and OFF locally

When the button is pressed and released quickly, the power will toggle. This means that power will be turned OFF if it was ON and turned ON if it was OFF. When switching the Lamp Module ON or OFF, the light will dim UP (or DOWN) in approximately 2 seconds until the final level is reached.

Dimming

If the button is constantly pressed the light will be dimmed. The dimming function will also toggle. Constantly pressing the button the Lamp Module will dim either UP or DOWN until it reaches the maximum or minimum value. The second time the button is held down, the dimming will change direction. When the power level reaches either full power or minimum power the dimming will stop until the button has been released and is pressed again.

Child Protection

The Lamp Module can be set in a child protect mode by the Wireless Controller. When this mode is active, a user will have to press the button on the Lamp Module 3 times rapidly to activate the attached load. The module operates normally when controlled by the Wireless Controller..

Other functions

The button on the Lamp Module also plays a role as a reset in addition to adding module to groups and scenes. This is described in more detail in the Wireless Controller instructions.

Software fuse

This Lamp Module is designed to protect itself against loads that exceed it's maximum power rating. The application of a load that exceeds that rating is quickly sensed by the dimmer and it responds by immediately shutting off all power to that load.

If the dimmer doesn't seem to work, or if it only works momentarily, check to see that the total lamp wattage doesn't exceed the 300W rating of the Lamp Module. If a properly sized load is restored to the dimmer, it can be operated normally once again.

Over-current protection

The Lamp Module hardware has an over current detection circuit, which is final protection against overload.

If the software fuse should fail to shut down the dimmer when overloaded, backup protection is provided by an internal fuse. This fuse is not user serviceable. Check your home circuit breakers before concluding that the product must be returned to manufacturer for repair at a nominal charge.

Operation Note

When a light bulb reaches the end of it's life and burns out, it sometimes creates a momentary short circuit. The high current that results may cause the dimmer to properly respond by turning off. Should this happen, replace the bulb with a new one. The dimmer can now be operated to restore power to the light.

SPECIFICATIONS

Power	230 VAC, 50 Hz
Signal (Frequency)	868.42 MHz
Maximum Load	300 W, for incandescent lamps only
Range	Up to 30 meters line of sight between the Wireless Controller and the closest Z-Wave Module

WARRANTY

For warranty and general product information visit our web site at www.act-solutions.com