

HomeWorks QS RF Plug-In Modules

HomeWorks QS RF Plug-In Modules function much like standard lamp dimmers, but can be controlled as part of a lighting control system. RF Plug-In Modules are useful in locations where plug-in lamps need to be dimmed or non-dimmable loads need to be switched. RF Plug-In Modules can be hidden discretely behind furniture.

HomeWorks QS RF Plug-In Modules incorporate advanced features such as fade on/fade off, delayed long fade off, and rapid full on.

HomeWorks QS RF Plug-In Modules are simple to install and easy to use. RF Plug-In Modules allow floor and table lamps to be added to a system quickly and easily. RF Plug-In Modules can also be used to control non-dimming or general purpose loads.

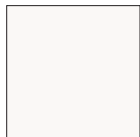
Model Numbers

HQR-3PD-1-XX*	300 W/300 VA Plug-in Dimmer (1 receptacle)
HQR-15APS-1-XX*	1/2 HP or 15 A General Purpose Plug-In Switch (3 receptacles)

* "XX" in the model number represents color/finish code
See **Colors and Finishes** below.

Colors and Finishes

HomeWorks QS RF Plug-In Modules are available in two colors.



Snow
SW



Midnight
MN



HQR-3PD-1



HQR-15APS-1

HomeWorks QS RF Plug-In Modules

Specifications

Model Numbers	HQR-3PD-1-XX, HQR-15APS-1-XX
Power	120 V~ 50/60 Hz
Typical Power Consumption	0.3 W Test conditions: load is off and nightlight mode enabled.
Regulatory Approvals	cUL, UL, NOM, FCC, IC, COFETEL
Environment	Ambient operating temperature: 32 °F to 104 °F (0 °C to 40 °C), 0% to 90% humidity, non-condensing. Indoor use only.
Communications	RF Plug-In Modules communicate with the <i>HomeWorks QS</i> system through Radio Frequency (RF) and must be located within 30 ft (9 m) of a repeater.
ESD Protection	Tested to withstand electrostatic discharge without damage or memory loss, in accordance with IEC 61000-4-2.
Surge Protection	Tested to withstand surge voltages without damage or loss of operation, in accordance with IEEE C62.41-1991 Recommended Practice on Surge Voltages in Low-Voltage AC Power Circuits.
Power Failure	Power failure memory: should power be interrupted, the RF Plug-In Module will return to its previous state when power is restored.
Warranty	8 Year Limited Warranty. http://www.lutron.com/resiinfo

Design Features

Dimmer (HQR-3PD-1)

- On a single-tap of the toggle button, lights fade ON or OFF.
- On a double-tap of the toggle button, lights go to full ON.
- When ON, press and hold the toggle button to engage the delayed long fade to OFF.
- Light levels can be fine-tuned by pressing and holding the raise/lower buttons until the desired light level is reached.
- Control non-dimmable lighting loads in switching mode.

Switch (HQR-15APS-1)

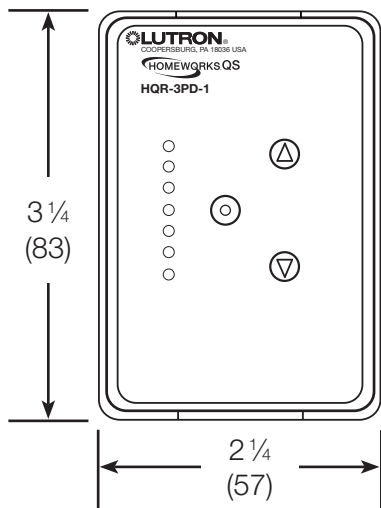
- On a single-tap of the toggle button, load toggles ON or OFF.

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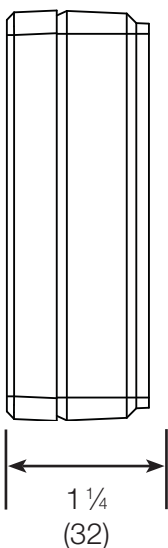
Dimensions

All dimensions are shown as $\frac{\text{in}}{\text{(mm)}}$ unless otherwise noted.

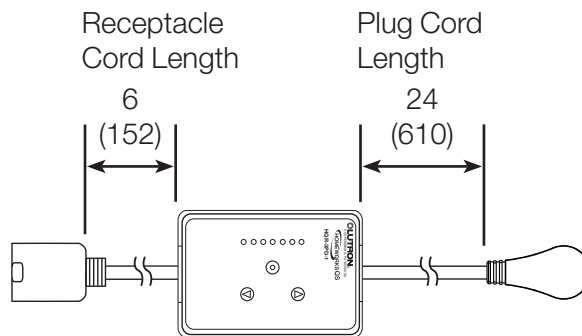
Front View



Side View

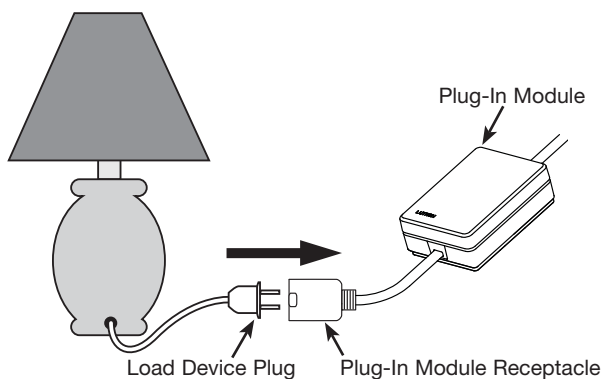


Cord Length

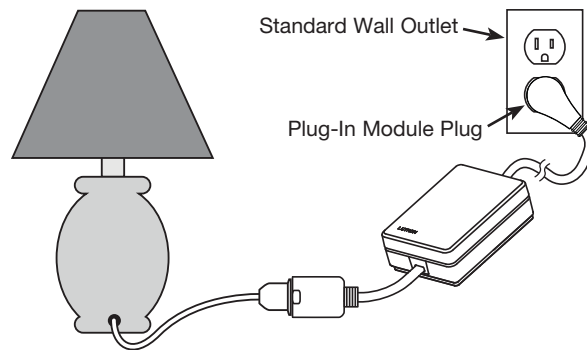


Installation

Insert the load device plug into a Plug-In Module receptacle.



Insert the Plug-In Module plug into any standard wall outlet.



NOTE: This is a **POLARIZED** cord. It has a polarized plug (one blade is wider than the other) and outlet (one slot is wider than the other). The polarized plug is not intended to be mated with non-polarized outlets (having both slots the same size). The polarized outlet is intended to mate with a polarized plug in only one way (the longer slot with the wider blade).

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Load Type and Capacity

Control	Load Type	Min. Load	Max. Load
3PD-1 ¹		Incandescent, Halogen	10 W / 300 W
		MLV ²	10 W / VA / 200 W / 300 VA
		CFL, Fluorescent, ELV (Switching Mode Only)	10 W / 300 W
15APS-1 ³		General purpose	None / 1/2 HP / 15 A

¹ The HQR-3PD-1 is designed to dim one incandescent, magnetic low-voltage, or tungsten halogen table or floor lamp. The HQR-3PD-1 can be configured to switch a compact fluorescent, fluorescent, or electronic low-voltage load. Use with lighting loads only. Do not use to control a lamp that contains an integral dimmer or a touch lamp. For a lamp with an integral 3-way switch, the switch should be set to full on position. The HQR-3PD-1 may not work with dioded light bulbs. Always use a load that complies with the Load Specifications table above. Always use a light bulb that remains within the wattage rating of the light fixture.

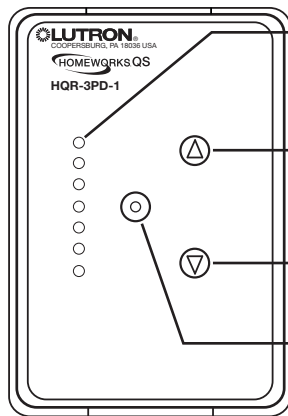
² Low-Voltage Applications: The HQR-3PD-1 can be used with magnetic (core and coil) low-voltage transformers in both dimming and switching modes. Use with electronic (solid-state) low-voltage transformers in switching mode only. Operation of a low-voltage circuit with light bulbs inoperative or removed may result in transformer overheating and premature failure. Lutron strongly recommends the following:

- Do not operate low-voltage circuits without operative light bulbs in place.
- Replace burned-out light bulbs as soon as possible.
- Use transformers that incorporate thermal protection or fused transformer primary windings to prevent transformer failure due to overcurrent.

³ The HQR-15APS-1 is designed to simultaneously switch general purpose loads (lighting, non-lighting, motor-operated, or transformer supplied appliances). Total connected load can not exceed 1/2 HP, or 15 A.

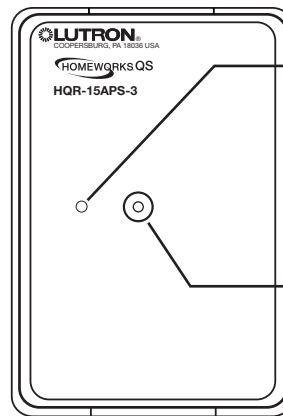
Operation

Dimmer (HQR-3PD-1)



- Status LEDs**
Indicate light level; glow softly as night light when load is off
- Raise Button**
Press to brighten
- Lower Button**
Press to dim
- Toggle Button**
Press to toggle ON/OFF; double-tap for full ON; press and hold while ON for delayed long fade to OFF.

Switch (HQR-15APS-1)



- Status LED**
Indicates load status; glows softly as night light when load is off
- Toggle Button**
Press to toggle ON/OFF.