**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**

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HQR-3PD-1-XX*</td>
<td>300 W / 300 VA Plug-in Dimmer (1 receptacle)</td>
</tr>
<tr>
<td>HQR-15APS-1-XX*</td>
<td>1/2 HP or 15 A General Purpose Plug-In Switch (3 receptacles)</td>
</tr>
</tbody>
</table>

* "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
## HomeWorks QS RF Plug-In Modules

### Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
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<tbody>
<tr>
<td><strong>Model Numbers</strong></td>
<td>HQR-3PD-1-XX, HQR-15APS-1-XX</td>
</tr>
<tr>
<td><strong>Power</strong></td>
<td>120 V~ 50/60 Hz</td>
</tr>
<tr>
<td><strong>Typical Power Consumption</strong></td>
<td>0.3 W Test conditions: load is off and nightlight mode enabled.</td>
</tr>
<tr>
<td><strong>Regulatory Approvals</strong></td>
<td>cUL, UL, NOM, FCC, IC, COFETEL</td>
</tr>
<tr>
<td><strong>Environment</strong></td>
<td>Ambient operating temperature: 32 °F to 104 °F (0 °C to 40 °C), 0% to 90% humidity, non-condensing. Indoor use only.</td>
</tr>
<tr>
<td><strong>Communications</strong></td>
<td>RF Plug-In Modules communicate with the HomeWorks QS system through Radio Frequency (RF) and must be located within 30 ft (9 m) of a repeater.</td>
</tr>
<tr>
<td><strong>ESD Protection</strong></td>
<td>Tested to withstand electrostatic discharge without damage or memory loss, in accordance with IEC 61000-4-2.</td>
</tr>
<tr>
<td><strong>Surge Protection</strong></td>
<td>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.</td>
</tr>
<tr>
<td><strong>Power Failure</strong></td>
<td>Power failure memory: should power be interrupted, the RF Plug-In Module will return to its previous state when power is restored.</td>
</tr>
</tbody>
</table>

### 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.
**HomeWorks QS RF Plug-In Modules**

**Dimensions**

All dimensions are shown as in unless otherwise noted.

**Front View**

- Height: 3 1/4 (83)
- Width: 2 1/4 (57)

**Side View**

- Height: 1 1/4 (32)

**Cord Length**

- Receptacle Cord Length: 6 (152)
- Plug Cord Length: 24 (610)

**Installation**

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

![Load Device Plug](image1)

![Plug-In Module Receptacle](image2)

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

![Standard Wall Outlet](image3)

**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).
Load Type and Capacity

<table>
<thead>
<tr>
<th>Control</th>
<th>Load Type</th>
<th>Min. Load</th>
<th>Max. Load</th>
</tr>
</thead>
<tbody>
<tr>
<td>3PD-1</td>
<td>Incandescent, Halogen</td>
<td>10 W</td>
<td>300 W</td>
</tr>
<tr>
<td></td>
<td>MLV</td>
<td>10 W/VA</td>
<td>200 W/300 VA</td>
</tr>
<tr>
<td></td>
<td>CFL, Fluorescent, ELV</td>
<td>10 W</td>
<td>300 W</td>
</tr>
<tr>
<td>15APS-1</td>
<td>General purpose</td>
<td>None</td>
<td>1/2 HP 15 A</td>
</tr>
</tbody>
</table>

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:
   a. Do not operate low-voltage circuits without operative light bulbs in place.
   b. Replace burned-out light bulbs as soon as possible.
   c. 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.