**Warnings and Cautions:**
- To avoid fire, shock or death: Turn off power at circuit breaker or fuse and test that power is off before wiring.
- To be installed and/or used in accordance with electrical codes and regulations.
- If you are not sure about any part of these instructions, consult an electrician.
- Do not gang vertically.
- Only install for the allowed load types. Installation for any other load type will void warranty and possibly cause damage to this device and/or connected equipment.
- Use this device with Copper or Copper clad wire only.

**Installation Instructions:**
- **Devices should not be installed vertically.**

**Installation Requirements:**
- **Remote control** – The bottom of the switch is an LED locator. This locator illuminates when the device is OFF so you can find the device in the dark.
- **Remote control** – If you are using a remote, the operation at the remote is identical to the operation at the master. A slight reaction delay may be noticed if operating level changes very quickly.

**Installation Instructions:**
1. **To avoid fire, shock or death: Turn off power at circuit breaker or fuse and test that power is off before wiring!**
2. Remove existing wall plate and switch, if applicable.
3. Connect wires per WIRING DIAGRAM. If traveler wire is not used it must be insulated (wire nut or electrical tape).
4. Installation may now be completed by carefully positioning all wires to provide room in outlet box for device. Mount device into box with mounting screws supplied.
5. Install device control push button and control assembly (see Figure 2).
6. Restore power at circuit breaker or fuse. Installation is complete.
7. Test Device operation.

**Features and Operation:**
- **Turn Device On or Off** – Pressing the switch will turn the device ON if the device is OFF or will turn the device OFF if it is already ON.
- **Set Device Level** – Adjust the knob or slider to set the desired output level. When the device turns ON, the device always turns ON to the level set by the slider or knob.
- **Set Cutoff Level** – The cutoff level is the lowest voltage the dimmer will output before shutting OFF. To set the cutoff level, adjust the knob or slider to the maximum output. Slowly lower the output to the desired cutoff level, then push and hold the power button for 10 seconds. The dimmer will adjust to the new level. To reset the cutoff level to 0, adjust the knob or slider to the minimum output, then push and hold the power button for 10 seconds. If your load is flickering, turning ON, or suffering from any other erratic behavior at the minimum setting, raising the cutoff level may eliminate the problem. If your load will not dim, reset the cutoff level to 0 and then reset desired minimum level.
- **Reset Operation** – White device is off, set level of device. Then press button. The device will turn on at the set level.
- **Power Restore** – Upon restoration of power, the device turns ON to the state it was in at the time of power loss.

**Input - 120 - 277 Vac 60 Hz**

**Output**

- XA 5A
- XB 8.3A
- XC 12.5A
- XO 16A

**Table of Wires**

- **INPUT** - 120 - 277 Vac 60 Hz
- **OUTPUT** - XA 5A
- **OUTPUT** - XB 8.3A
- **OUTPUT** - XC 12.5A
- **OUTPUT** - XO 16A

**Figure 1 - Do Not Share Neutral Wires**

**Figure 2 - Remote Dimmer Assembly**

**WIRING Diagram**

- **Input** - 120 - 277 Vac 60 Hz
- **Load**
- **Dimming Control**
- **Neutral (White)**
- **Yellow**
- **Blue**
- **Green (Ground)**

**Limited 5 Year Warranty and Exclusions**

Leviton warrants to the original consumer/purchaser and not for the benefit of anyone else that this product, when purchased by itself as a substantially conforming product, shall be free of defects in materials and workmanship under normal and proper use for five years from the purchase date. This warranty is for products that are not returned with the product warranty card. Leviton offers technical support services (including the provision of replacement products, if applicable) for the repair and replacement of products distributed, sold, or supplied by Leviton. This warranty is not transferable. Leviton, Inc. is not liable for any incidental, indirect, special, or consequential damages, including, but not limited to, loss of use or profit, loss of data, or any cost or expense associated with the replacement or repair of any product or item, whether such damages arise in tort or contract. This warranty does not apply to products that are not substantially as described, that are used in applications, or that are subject to conditions, not or not in accordance with the instructions for use. These exclusions apply to all Leviton products, including, but not limited to, Leviton, Inc., all quality assurance department, all sales, service, and technical support service.

For Technical Assistance Call: 1-800-824-3055 (U.S.A. Only) www.leviton.com
Multi-Gang Installations:
A multi-ganged installation exists when multiple devices are installed in the same back box. In multi-gang installations, the following may be required:

- Device de-rating
- Fin removal
- Use of joiner bars for adjacent devices.
- Back box size

CAUTION:
When fins are broken, some devices must be de-rated. Reference table below to determine the device ratings when 0, 1, or 2 fins are removed.

### Fluorescent - 2 Wire Phase Control - 120-277VAC/VCA, 60HZ

Use only for control of electronic ballasted luminaires. Intended for Advance Mark 10™, Lutron® Tu-Wire, or Sylvania Quicktronik Powersense® ballasts. The following minimum loads are required for proper operation: 120V-64W; 277V-128W. CAUTION: To reduce risk of overheating and possible damage to other equipment, do not install to control a receptacle, a motor-operated appliance, or a transformer supplied appliance.

### Multi-Gang Installation Requirements

**Fluorescent - 2 Wire Phase Control**

<table>
<thead>
<tr>
<th>0 Fins removed</th>
<th>1 Fins removed</th>
<th>2 Fins removed</th>
<th>3 Fins REMOVED</th>
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<tr>
<td><strong>Device</strong></td>
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<td><strong>Watts</strong></td>
<td><strong>VA</strong></td>
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<td>AWK-A4, AWK-A5, AWKMT-A5</td>
<td>6.5</td>
<td>65</td>
<td>6.5</td>
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<td>AWK-MB-0-0</td>
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<td>65</td>
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</tr>
</tbody>
</table>

### Additional - Single Gang Box

3-1/2” deep back box is required

### Multi-Way Control:

The Renor II product line supports up to 5-way control. Any combination of Dimmers, Fan Controls, Switches, or Remotes are supported with a MAXIMUM OF 5 DEVICES. Total run length from end to end is MAXIMUM 250 FEET. Remotes require Uncontrolled Hot, Neutral, & Ground for proper operation. One traveler wire is to run in between all masters and remotes. Remotes draw 15mA power (ea) from the Control to which they are connected.

NOTE: Remote Hot/Neutral should ideally be fed from the same circuit as the Master. If this is not possible, ensure that the master and remote are both fed from the same phase.

### Multi-Way Control Wiring Diagram

**Load after Remote Device/Switch and Master Device/Switch**

**Load in between Master Device/Switch and Remote Device/Switch**

**Multiple Remote Device/Switches**

Maximum 5 Devices, Dimmers, Fan Controls or Switches

Maximum 250 feet

### Fin Removal:

When it is desired to install devices in as small a space as possible, all inside fins of like sized, adjacent devices can be broken off. Figure 4 shows how to break off fins and the specific order in which multiple devices must be installed in multi-gang installations.

### Figure 4 - Fin Removal

**Back View of Devices shown**

- **Fin break off points**
- **3/4” space (use chase nipple)**
- **Additional – Single Gang Box**

**3-1/2” deep back box is required**

### Back Box Size & Joiner Bars:

To determine the required back box size in multi-gang installations, reference table below. In applications where the devices do not line up with back box device mounting holes, use joiner bars to join the controls together. Reference Figure 5.

### Number & Type of WIDE

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<thead>
<tr>
<th>Number &amp; Type of WIDE</th>
<th>0</th>
<th>1</th>
<th>2</th>
<th>3</th>
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</table>

<table>
<thead>
<tr>
<th>Load after Remote Device/Switch and Master Device/Switch</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master Device/Switch Remote Device/Switch</td>
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<tr>
<td>Master Device/Switch Remote Device/Switch</td>
</tr>
<tr>
<td>Master Device/Switch Remote Device/Switch</td>
</tr>
</tbody>
</table>

### Multi-Way Device/Switches and Remote Device/Switches

Maximum 5 Devices, Dimmers, Fan Controls or Switches

Maximum 250 feet

**NOTE**: Metal finishes are not available on custom face plates.

Basic WIDE/NARROW configurations, for additional configurations see:

www.tevlon.com/RENORII