**WARNING:** 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 local authority wiring regulations.
- Appropriate isolation shall be maintained between Line and Low Voltage cabling.
- Confirm load type and amount is within product capabilities as not all load types are supported.
- Confirm network wiring prior to interconnecting devices and systems.
- Test all network cables for proper pin-out configuration prior to interconnecting devices and systems.
- Use this device with copper or copper clad wire only.
- For indoor applications only.
- Refer to AMPlify feature for details.

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**Product Description**

The GreenMAX™ DRC Phase Cut Dimmer provides dimming of phase control loads, either forward or reverse phase, LumaCAN network connectivity, and full integration into Leviton’s GreenMAX DRC system.

**Before Installation**

- Dimmer modules should be installed in a suitable DIN rail enclosure.
- All mains wiring should be done in accordance with local authority wiring regulations.
- Appropriate isolation shall be maintained between Line and Low Voltage cabling.
- Confirm load type and amount is within product capabilities as not all load types are supported.
- Confirm network wiring prior to interconnecting devices and systems.
- Test all network cables for proper pin-out configuration prior to interconnecting devices and systems.
- Use this device with copper or copper clad wire only.
- For indoor applications only.
- Refer to AMPlify feature for details.

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**Wiring Diagrams**

1. **1 Channel (10A)**
   - **Channel Jumper**
   - **Load Output Terminals**
   - **Neutral Line In**
   - **Load 1**

2. **2 Channel (1x2.5A, 1x7.5A)**
   - **Channel Jumper**
   - **Load Output Terminals**
   - **Neutral Line In**
   - **Load 1**
   - **Load 2**

3. **3 Channel (2x2.5A, 1x5A)**
   - **Channel Jumper**
   - **Load Output Terminals**
   - **Neutral Line In**
   - **Load 1**
   - **Load 2**
   - **Load 3**

4. **4 Channel (2.5A)**
   - **Channel Jumper**
   - **Load Output Terminals**
   - **Neutral Line In**
   - **Load 1**
   - **Load 2**
   - **Load 3**
   - **Load 4**

**Installation**

1. Mount dimmer on DIN rail.
   - Line top of module against the back of the cabinet and slide the module down onto rail.

2. Remove/add channel jumpers depending on configuration.

3. Wire “header” input to Line Input Terminal.

4. Connect loads to Load Output Terminals.

5. Connect Network Wiring.

6. Power-up dimmer and confirm load operation using dimmer test switches. Your Dimmer is now ready for network configuration.

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**Specifications**

**Catalog No.**
- DRDDP-A40 (4 Channel)
- DRDDP-A20 (2 Channel)

**Input Voltage/Frequency**
- 120-277VAC, 50/60Hz
- 120-277VAC, 50/60Hz

**Max Input Current**
- 15A
- 5A

**Load Ratings**
- LED/FL, Electronic Ballast, Incandescent, Tungsten @ 120V: 2.5A (300W) per Channel
- LED/FL, Electronic Ballast, Incandescent, Tungsten @ 277V: 2.5A (650W) per Channel

**IP Rating / Enclosure**
- IP20

**Certifications**
- FCC Part 15 Class A
- UL Disconnection Type: Type 1Y Action, Electronic Disconnection, Non-Airgap
- US Voltage Category: 120-277V
- Terminal Torque Rating, Line & Load Voltage: 0.377 in-lb (0.5Nm)
- Maximum 250 nodes on a LumaCAN network
- Home-Run topology and network length up to 10,000’ can be achieved when using LumaCAN network repeaters (Leviton # NP001T)
- Network Topology: Daisy Chain, 1600’ Max between repeaters, Maximum 110 nodes between repeaters
- Network Connections: (2) RJ-45, CAT6A or better for connection to LumaCAN network. Termination provided via local termination plug.

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Configuration

Device can be programmed through the GreenMAX DRC System app when connected to a GreenMAX DRC room controller. In applications where you are not using GreenMAX DRC room controllers, limited configuration capability is available from the front panel of the devices.

Phase Control Method Selection

To toggle between Forward and Reverse Phase Control, press and release the corresponding channel button.

ON - Forward Phase Control

OFF - Reverse Phase Control

AMPify Feature Mode Selection

Only a limited number of configurations are supported from the front panel. Other configurations can be set from the GreenMAX DRC system programming tools.

To refer to chart below to see which LED indicator combinations correspond with each channel mode.

LIMITED 5 YEAR WARRANTY AND EXCLUSIONS

Leviton warrants to the original consumer purchaser and not for the benefit of anyone else that this product at the time of its sale by Leviton is free of defects in materials and workmanship under normal and proper use for five years from the purchase date. Leviton's only obligation is to correct such defects by repair or replacement, at its option. For details visit www.leviton.com or call 1-800-824-3005. This warranty excludes and there is disclaimed liability for labor for removal of this product or reinstallation. This warranty is void if this product is installed improperly or in an improper environment, overloaded, misused, opened, altered or in any manner, or is not used under normal operating conditions or not in accordance with any labels or instructions. There are no other or implied warranties of any kind, including merchantability and fitness for a particular purpose, but if any implied warranty is required by the applicable jurisdiction, the duration of any such implied warranty, including merchantability and fitness for a particular purpose, is limited to five years. Leviton is not liable for incidental, indirect, special, or consequential damages, including without limitation, damage to, or loss of use of, any equipment, lost sales or profits or delay in failure to perform this warranty obligation. The remedies provided herein are the exclusive remedies under this warranty, whether based on contract, tort or otherwise.