

**WARNINGS**

- **TO AVOID FIRE, SHOCK, OR DEATH; TURN OFF POWER AT CIRCUIT BREAKER OR FUSE AND TEST THAT POWER IS OFF BEFORE WIRING!**
- Do not mount near gas or electric heaters.
- The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
- Test all LumaCAN cables for compliance to TIA-568B prior to interconnecting devices and systems.
- Equipment should be mounted in locations and at heights where it will not be subjected to tampering by unauthorized personnel.
- To be installed and/or used in accordance with appropriate electrical codes and regulations.
- If you are unsure about any part of these instructions, consult an electrician.

**CAUTIONS**

- Do not use this equipment for other than intended use.
- For indoor applications only.

**SAVE THESE INSTRUCTIONS**

**INSTALLATION AND QUICK START SHEET**

**ENGLISH**

**Product Description**

The GreenMAX DRC Power Supply provides power to the LumaCAN network. Can be used to add power to a network when power is needed.

SPECIFICATIONS	
Cat. No.	DRC00-0D0
Input Voltage/Frequency	120-277VAC, 50/60Hz
Input Power	
Max	17.5W @ 120V 16.5W @ 277V
Standby	0.3W @ 120V 0.45W @ 277V
LumaCAN Data	Pass-through RJ-45 connectors
LumaCAN Power	500mA, 24Vdc
IP Rating	IP30

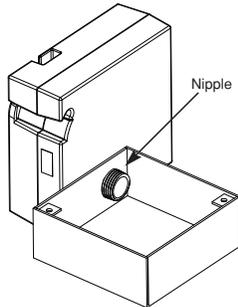
**Installation**

**WARNING: TO AVOID FIRE, SHOCK, OR DEATH; TURN OFF POWER at circuit breaker or fuse and test that power is off before wiring!**

**NOTE:** This is an ESD Sensitive Device. Use safe ESD handling procedures when installing.

**1. Mounting Options.**

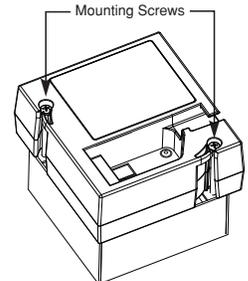
- a.** Mount to junction box using nipple and mounting nut provided.



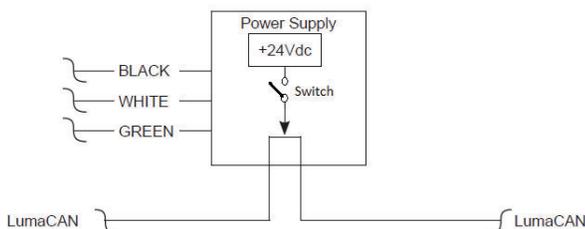
- b.** Mount to top of 4 in. sq. junction box with minimum volume 30.3 cu. in. or greater (4 in. x 4 in. x 2.125 in.) using the provided screws.

**NOTE:** Ensure that conduit/cable entry clamp is located in a corner of junction box opposite the GreenMAX DRC nipple as conflicts may occur.

**NOTE:** Dress wires to provide enough clearance when device is installed.



**2. Line Voltage Wiring: Connect per wiring diagram.**



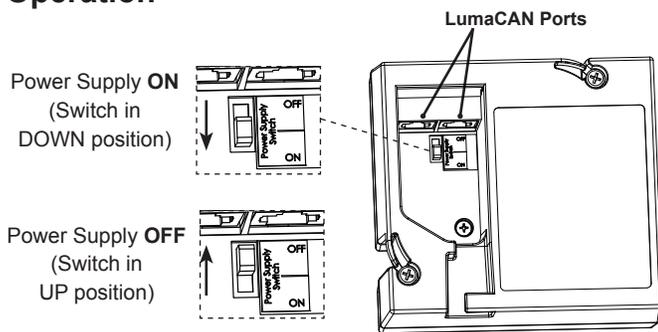
### 3. Connect LumaCAN

Two LumaCAN ports are provided to maintain the required Daisy-Chain topology of the LumaCAN network. Plug in CAT6 cable with standard RJ45 connector. If two connections are required, remove the terminator from one of the RJ45's and make both connections. If only one connection is required, leave the supplied terminator connected.

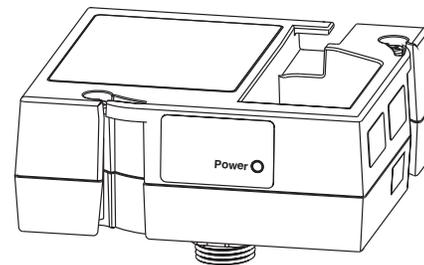
- Wire per the TIA-568B standard.
- The sequence of network nodes, as described in the Construction Documents, may be critical to ensure power distribution between nodes.
- All LumaCAN cable segments must be network cable tested and validated prior to power-up of the system.

- The last device in each LumaCAN run must be terminated using an RJ45 terminator plug. Each Smart Pack is supplied with one terminator plug pre-installed in the Smart Pack. Additional terminators are available upon request. LumaCAN connections must be wired as Class 2 and as such should be installed according to the requirements of your authorities having jurisdiction. If it is required that the Class 2 wiring be in conduit, use a 4 in. square extension ring and blank plate on the LumaCAN side of the Smart Pack, and, terminate conduit to the extension ring.
- If this is the last device in the run, the terminator should be plugged into one of the connections and the LumaCAN data line connected to the other side.
- Once complete, restore power to the circuit breaker or fuse.

### Operation



### Indicator Light



- Solid Green when supplying power to network
- OFF in any of the following conditions
  - No input power
  - Short on the LumaCAN network
  - Over-current condition on the LumaCAN network

#### FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

#### FCC Suppliers Declaration of Conformity

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Manufactured by Leviton Manufacturing, Co., Inc. 221 North Service Road, Melville, NY 11747. [www.leviton.com](http://www.leviton.com)

#### IC Statement

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference received, including interference that may cause undesired operation of the device.

This Class B digital apparatus complies with Canadian CAN ICES-3(B)/NMB-3(B)

**TRADEMARK DISCLAIMER:** The Leviton word mark and logo and LumaCAN trademarks and the GreenMax logo registered trademark are the property of Leviton Manufacturing Co., Inc.

Any changes or modifications not expressly approved by Leviton could void the user's authority to operate this equipment.

#### FOR CANADA ONLY

For warranty information and/or product returns, residents of Canada should contact Leviton in writing at **Leviton Manufacturing of Canada Ltd to the attention of the Quality Assurance Department, 165 Hymus Blvd, Pointe-Claire (Quebec), Canada H9R 1E9** or by telephone at **1 800 405-5320**.

#### 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](http://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, abused, or altered 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 or failure to perform this warranty obligation.** The remedies provided herein are the exclusive remedies under this warranty, whether based on contract, tort or otherwise.