



PROJECT \_\_\_\_\_

LOCATION \_\_\_\_\_

## DD-P-U 0-10V CONTROLLED PHASE ANGLE DIMMER



### FEATURES

- 0-10V Controlled Phase Angle Dimmer
- 120/277VAC Input Power
- Max load: 600W @ 120VAC/1300W @ 277VAC
- Selectable Dimming Mode (Leading or Trailing Edge)
- Red LED for power status



### SPECIFICATIONS

|                               |                                                                                                                   |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Operating Temperature:        | -30 to 122 F                                                                                                      |
| Humidity Range:               | 5 to 95% (noncondensing)                                                                                          |
| Red LED:                      | Power Status                                                                                                      |
| Dimensions:                   | 4.00"H x 4.00"W x 1.81"D with 0.50" NPT hub                                                                       |
| Origin:                       | Made of US and non-US parts                                                                                       |
| Wires:                        | 16", 600V rated                                                                                                   |
| Approvals:                    | Class 2 UL Listed, UL916, C-UL, RoHS                                                                              |
| Housing Rating:               | UL Accepted, NEMA 1                                                                                               |
| Max Lighting Load:            | 600W @ 120Vac, 1300W @ 277Vac, Incandescent/Halogen<br>Recommended 50% derating for other dimmable lighting loads |
| Min Lighting Load:            | 1W                                                                                                                |
| Dim to off:                   | Yes                                                                                                               |
| Selectable Dimming Mode:      | Yes                                                                                                               |
| Selectable Low Dim Threshold: | Yes                                                                                                               |
| Power Input Ratings:          | 10mA @ 120-277 Vac; 60Hz                                                                                          |

### NOTES

1. Switch on unit will change dimming between leading or trailing edge. Requires power cycle.

2. Purple and pink are used with both Current Sink 0-10V controllers and Current Source 0-10V Controllers. The DD-P-U will automatically detect the controller type.

3. "Low Dim Threshold" set with push button during operation. Pressing and holding the button for one second will log the present 0-10V value and turn off the load when 0-10V signal drops below that value.

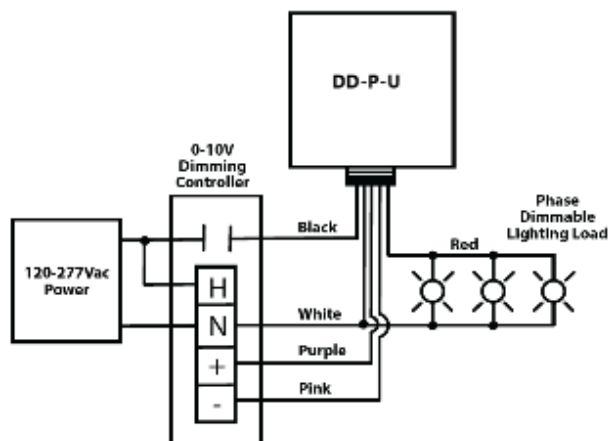
4. To reset "Low Dim Threshold", short together or connect 0V to the purple and pink wires, then press and hold the button for one second.

5. The method described in the will set the "Low Dim Threshold" to the minimum value. However, the factory default "Low Dim Threshold" is set lightly above this mark. Note that some lighting fixtures flicker at very low dimming values.

6. For use with 60Hz only.

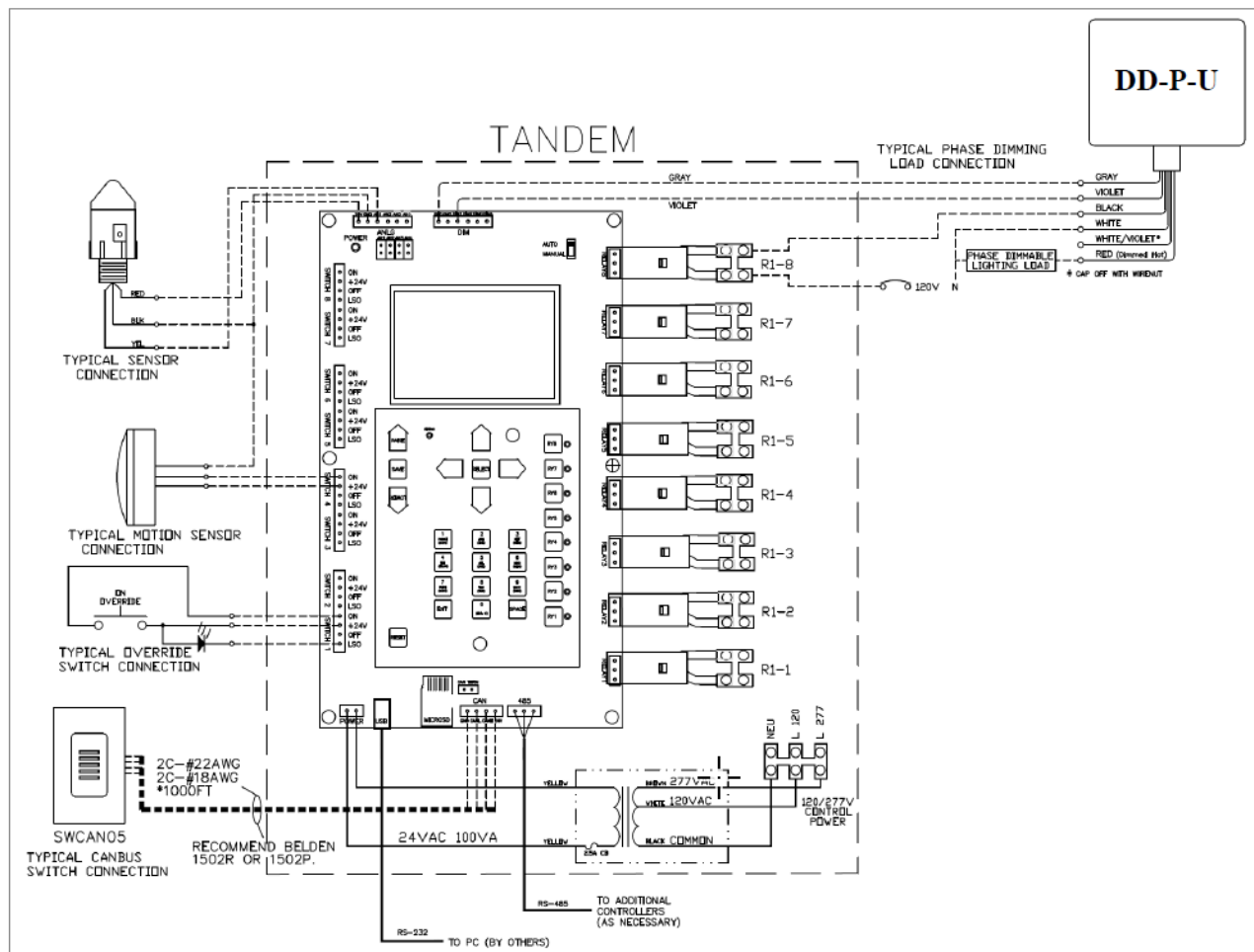
7. Not for use with Magnetic Low Voltage (MLV) loads.

### TYPICAL APPLICATION

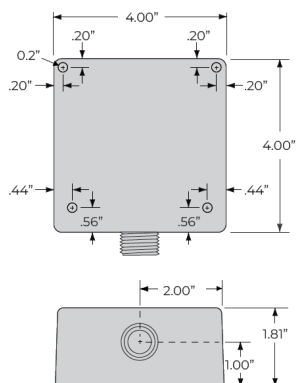


## TYPICAL APPLICATION WITH RELAY PANEL

**CAUTION:** Dimmer /driver compatibility is not guaranteed. Verification testing prior to installation is recommended.



## DIMENSIONS



## ORDERING INFORMATION: DD-P-U