

# APPLICATION NOTES

## WIRE CONNECTIONS TO AII250-DIM-I POWER SUPPLY

### Parts Required:

- (2) #4-40 x 3/8" Truss Head Machine Screw
- (2) #4-40 Star / Lock Washer
- (2) #6-32 Flat Washer
- (2) #4-40 Ring Terminals for 20ga Wire
- (1) 20ga Stranded Wire, Red, 105c, 12" Length
- (1) 20ga Stranded Wire, Black, 105c, 12" Length

### Note:

- 1. Wire length is appropriate as needed to connect power supply to LED Module.
- 2. May use Red & Black wires coming from LED Module.

### Tools Required:

- (1) Philips screw driver

### Connection Instructions:

- 1. Strip one end of the Red & Black wires to the appropriate length for the ring terminals used.
- 2. Crimp a ring terminal onto each stripped wire end, using appropriate crimping tool.
- 3. The Red & Black wires with ring terminals are then connected to the appropriate terminal on the AII250-DIM-I power supply.
  - a. The flat washer is installed first, followed by the ring terminal, and lastly the lock washer.
  - b. Insert the #4-40 truss head screws, and tighten to 6-8in./lbs torque using screw driver.

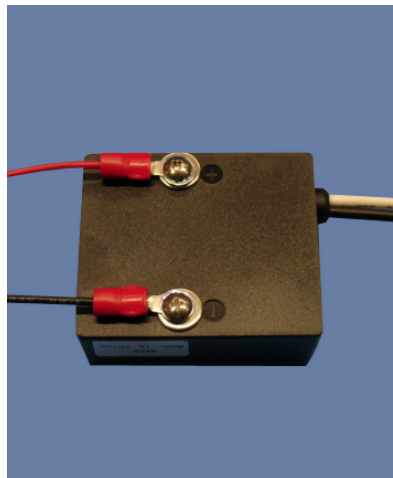
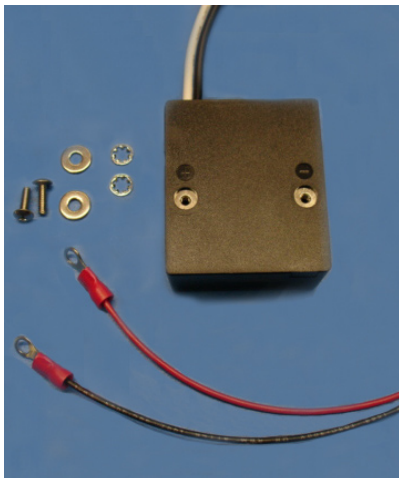
### Note:

The flat washer should be large enough in diameter so as to not fall into the hole in the case of the AII250-DIM-I power supply. Ensure washers do not extend past the edge of the plastic case of power supply.

### CAUTION:

- a. The Red wire with Ring Terminal is connected to positive (+) terminal of AII250-DIM-I
- b. The Black wire with Ring Terminal is connected to negative (-) terminal of AII250-DIM-I

See pictorial below:



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