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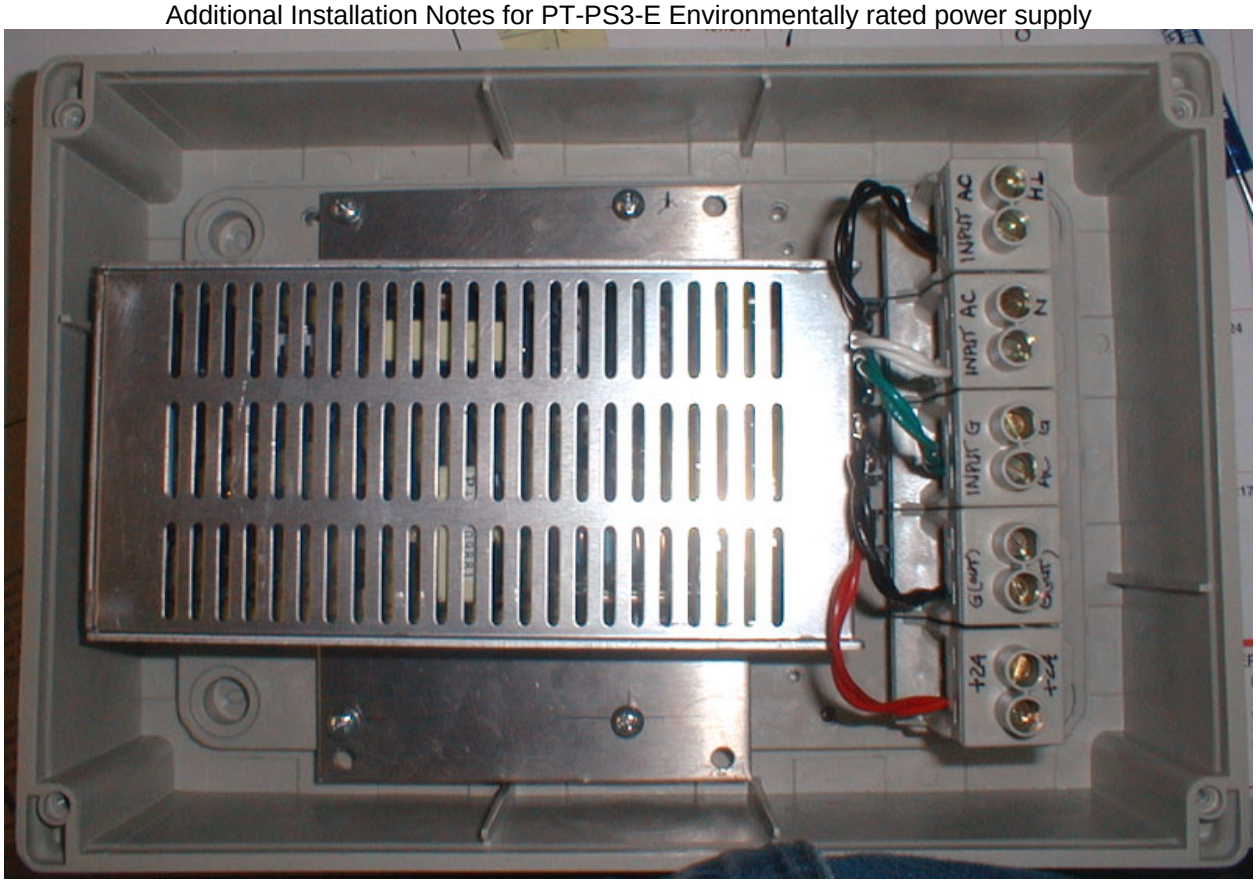
Additional Installation Notes for PT-PS3-E Environmentally rated power supply



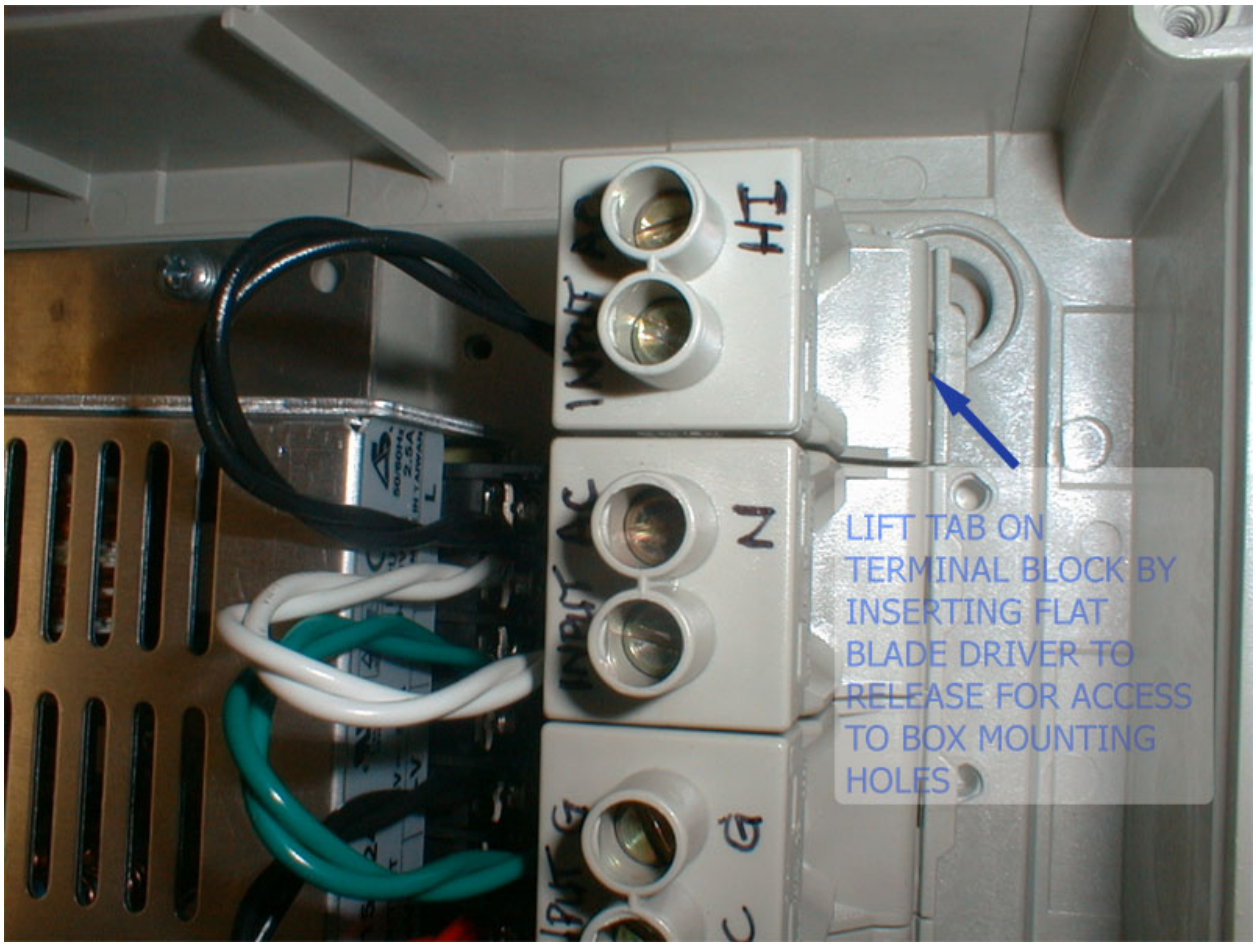
The operational characteristics of the PT-PS-3E power supply are identical to the PT-PS-3 indoor model. This power supply enclosure is rated to IP65 standards for outdoor use, and is able to accept moderate water spray and splashing. It is not made nor rated for fully or partially submerged applications. The power supply has autovoltage switching from 90 to 260 VAC input, 50 or 60 Hz, with 24 VDC 6.5A output. The DC output is not fused; an inline fuse may be installed at the discretion of the electrician/installer. Do not allow the outputs to short together at any time, or damage to the supply may result!

A wiring bus connection replaces 4 pin output connector and AC input panel. Have a qualified electrician mount the PT-PS3E to the desired location. There are four mounting holes in the bottom of the box, one in each corner. Screws for mounting the box are not included. Included are plastic caps to cover the mounting holes once the box is installed.

It will be necessary to remove the two end terminals (input AC and +24V) on wiring bus to access two of the mounting holes. The wiring bus is modular, and the individual terminals can be popped off of the bus by inserting a flat blade screwdriver into the tab on the terminal and prying it gently off of the bus bar. The bar is held into the box by two slot head screws located under the two end terminals, but it is not necessary to remove the bus bar.

The electrical contractor should install the appropriate type of watertight enclosure connector based upon the type of installation; i.e., for watertight flexible or rigid conduit. There are prepunched knockouts located around the perimeter of the box. The electrician should make connections to the AC input section of the bus bar using the appropriate gauge wire to meet code requirements. The terminals on the bus bar are of the captured clamp variety; simply insert the properly stripped wire into the clamp and turn the slotted screw head; the wire clamp will pull up tight on the wire. Make sure that the clamp is tight on the wire and not on the wire's jacket.

The 24V output wiring should also be made using the appropriate type of watertight connector. Use the correct gauge of wire based upon local code and the distance/gauge chart in this document.



DISTANCE IN FEET	RECOMMENDED AWG FOR 24 VDC POWER
Up to 200 feet	18 AWG single pair
201 to 500 feet	16 AWG single pair or dual 18 AWG pairs
501 to 1000 feet	12 AWG single pair or dual 16 AWG pairs