

## OEM Installation of the PMTS-30

PMTS-30 is for a 30 Amp AC service. It is installed onto a Power Center. To minimize voltage drop across the wire, install the power center with the PMTS-30 as close to the generator and shore power cord entrance as possible.

Do not install close to appliances that are a source of heat or water (such as water heaters, furnaces, and under refrigerators). It is not designed for mounting in wet locations. The PMTS-30 must be protected from direct contact with water and debris.



This unit employs components that tend to produce arcs or sparks. To prevent fire or explosion, do not install in compartments containing batteries or flammable materials (LP gas). Risk of electric shock: more than one disconnect switch may be required to de-energize the equipment before servicing.



Do not mount in zero-clearance compartment. Overheating may result. The PMTS-30 must be installed by a qualified electrician.

Do not drill through the metal housing. Debris and metal shavings can interfere with the operation of the transfer switch. For wiring, use the existing knockouts.

### Operation:

When the PMTS-30 (or the power center) is plugged into the shore power, the PMTS-30 will automatically provide AC power to all AC appliances. To operate your appliances from the on-board generator, simply start the generator and the PMTS-30 will (after 20-30 seconds) automatically transfer the electrical power to AC appliances. The time delay of 20-30 seconds allows the generator voltage to stabilize.

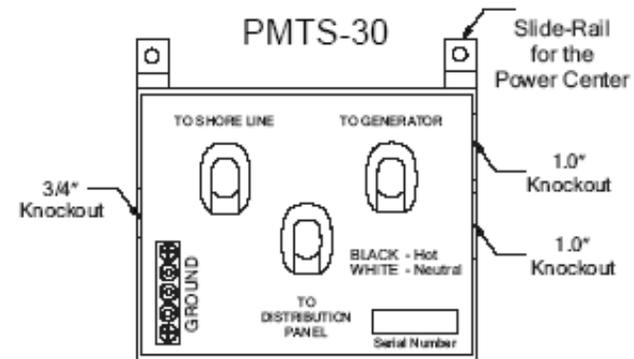
## Wiring Instructions

**WARNING:** The PMTS-30 is rated for use on circuits capable of delivering 105-130Vac 60 Hz 30Aac.

All field wires used have to be rated to at least 105C.

All grounds are connected inside of the PMTS-30.

**Note:** Select a proper wire type, gauge, and wire connector, according to the NEC requirements.



**Warning:** DIP switch on the timing board bypasses the time delay, is used for testing during the manufacturing process, and should not be tampered with. Bypassing the timing board will eliminate the time for the generator voltage to stabilize (default DIP switch position is OFF or down).



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