



ATSD

AUXILIARY LIGHTING CONTROL DEVICE

INSTALLATION INSTRUCTIONS

! IMPORTANT SAFEGUARDS !

WHEN USING ELECTRICAL EQUIPMENT, BASIC SAFETY PRECAUTIONS SHOULD ALWAYS BE FOLLOWED, INCLUDING THE FOLLOWING:

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

1. This product is for use with generator or central inverter supplied fluorescent or LED fixtures. Make sure all connections are in accordance with the National Electrical Code and any local regulations.
2. To reduce the risk of electric shock, disconnect all power sources before servicing.
3. This product is for factory or field installation.
4. This product is suitable for damp locations where the ambient temperature is -20°C minimum, +65°C maximum. The product is also suitable for installation in sealed and gasketed fixtures. Product is not suitable for heated air outlets and wet or hazardous locations.
5. An unswitched, normal AC power source and a direct, unswitched connection to a generator or central inverter supplied emergency panel is required (120 or 277 VAC, 60 Hz).
6. Requires connection to an emergency source derived from a UL 1008 Listed transfer switch.
7. The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
8. Do not use this product for other than intended use.
9. Servicing should be performed by qualified service personnel.

SAVE THESE INSTRUCTIONS



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WARNING – This product contains chemicals known to the State of California to cause cancer, birth defects and/or other reproductive harm. Thoroughly wash hands after installing, handling, cleaning, or otherwise touching this product.

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WARNING: Disconnect all power sources before installing or servicing this unit.
This device is intended for an electrical load of ONE fixture only.

NOTE: BEFORE INSTALLING THIS DEVICE, MAKE SURE THAT THE NECESSARY BRANCH CIRCUIT WIRING IS AVAILABLE. AN UNSWITCHED SOURCE OF POWER ON THE SAME BRANCH CIRCUIT AS THE AC BALLAST IS REQUIRED. A SEPARATE CONNECTION TO A GENERATOR OR CENTRAL INVERTER SUPPLIED CIRCUIT MUST ALSO BE PROVIDED.

INSTALLING THE ATSD

- > FAMILIARIZE YOURSELF WITH THESE INSTRUCTIONS BEFORE BEGINNING INSTALLATION.
- > Disconnect AC power from the fixture. Remove the driver/ballast channel cover and install the ATSD in the driver/ballast channel (see Illustration 1, 2 or 3).
- > Wire the ATSD as shown in Illustration 4 or 5 whichever applies to your application.
- > After installation is complete, apply AC power to the fixture. Check AC driver/ballast operation to verify proper ATSD installation.

ILLUSTRATION 1
Strip Fixture

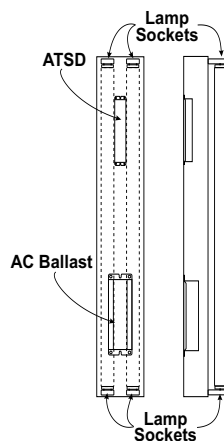


ILLUSTRATION 2
Troffer Fixture

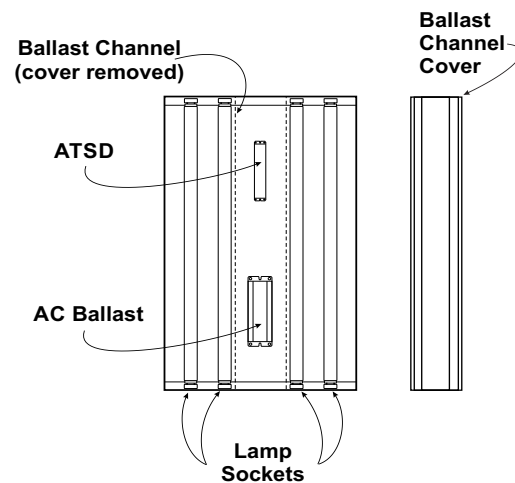
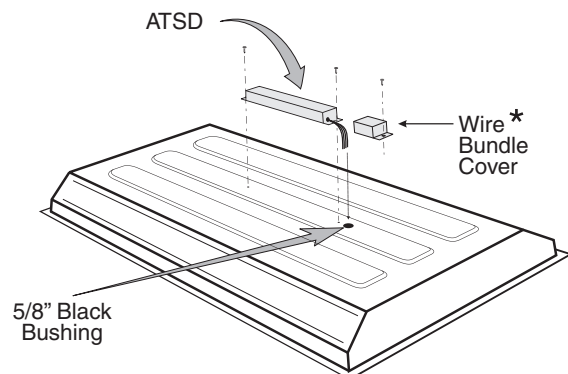
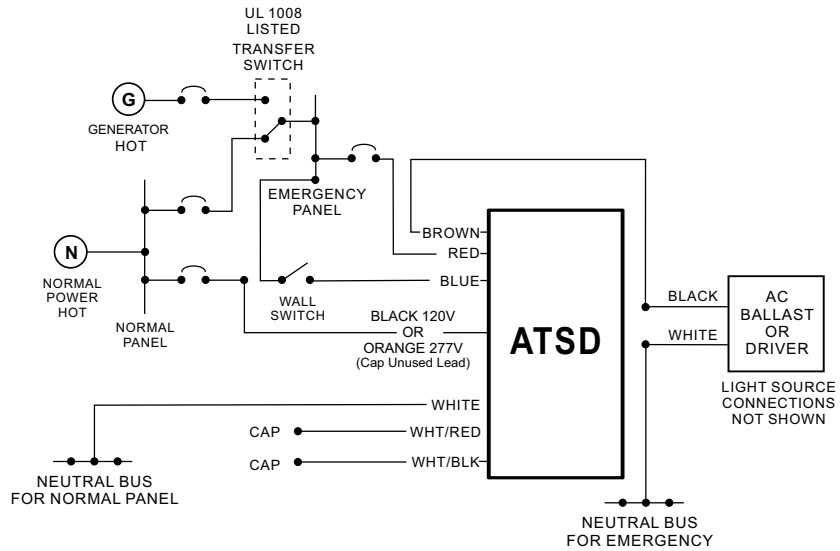


ILLUSTRATION 3
Top Mounting



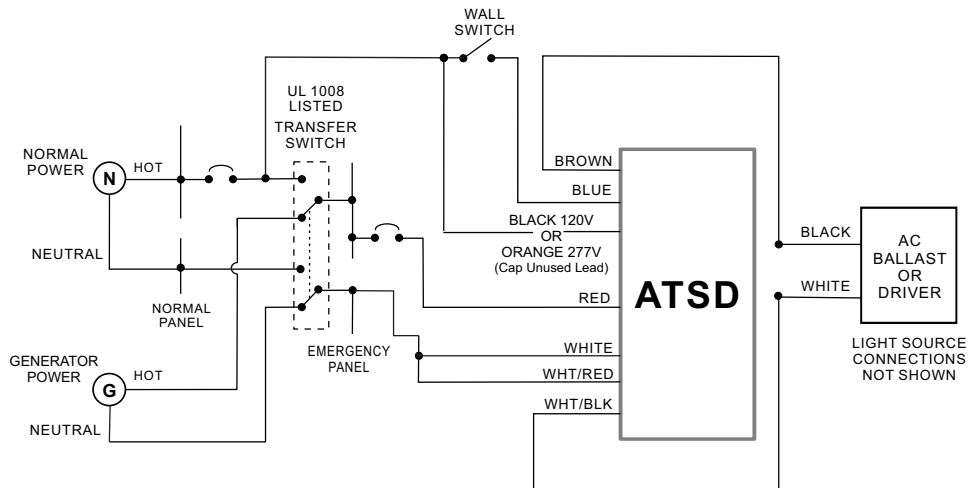
* For installation on top of the fixture, wire bundle covers (RMC-60) may be required by state or local codes. These covers are available from the manufacturer as an accessory kit and must be ordered separately. Call your local distributor or the factory for complete information.

ILLUSTRATION 4



Typical Switch Bypass

ILLUSTRATION 5



Switch Bypass in a Separately Derived System

OPERATION

The ATSD uses an internal relay contact to control the AC power feeding the AC ballast or driver. When the generator (or central inverter) supplies AC power to the lighting fixture, the ATSD bypasses the wall switch controlling the AC ballast or driver. This ensures the fixture lighting load will be energized during generator (or central inverter) operation regardless of switch position.

MAINTENANCE

No routine maintenance is required to keep the ATSD functional. However, it should be checked periodically to ensure that it is working properly.