**ALTR - Alternating Light Control Transfer Relay**  
**Installation & Maintenance Information**

**GENERAL**
The Crouse-Hinds ALTR (Alternating Light Control with Transfer Relay) alternates between each light in a double obstruction light assembly each time the tower lights are energized by the photo-control, ensuring equal usage of the lights over the life of the lamps. In the event one of the lights fails, the ALTR automatically energizes the operational light and provides an output for remote alarm monitoring.

The ALTR provides maximum life on both lights and essentially doubles the time between service calls.

**APPLICATION**
The ALTR is an economical solution for applications where the obstruction lights are difficult and/or expensive to service such as towers or stacks that have obstruction lights that are inaccessible through normal methods. When purchased as sub-assemblies with the latest LED technology, mean time to failure can be up to 20 plus years.

**PART NUMBERS:**
- **ALTR with Double LED Obstruction Light (SOLD SEPARATELY)**
  - OWLFDR/120-ALTR 120V
  - OWLFDR/240-ALTR 240V
- **ALTR with Double EOL Obstruction Light (SOLD SEPARATELY)**
  - 50021-ALTR 120 OR 230V
- **CONTROL ASSEMBLY (ONLY)**
  - ALTR-70029 120V
  - ALTR-70229 230V

**SPECIFICATIONS**
- **Power Source:** 120 VAC; 50/60 Hz  
  230 VAC; 50/60 Hz

**INSTALLATION**
The ALTR is designed for outdoor mounting.

**CONNECTION TO POWER SOURCE AND LOAD**
1. Make power and photo-control connections. (See wiring diagram.)
2. The ALTR should be securely grounded through the conduit system or a separate ground should be provided to the case.

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All statements, technical information and recommendations contained herein are based on information and tests we believe to be reliable. The accuracy or completeness thereof are not guaranteed. In accordance with Crouse-Hinds “Terms and Conditions of Sale,” and since conditions of use are outside our control, the purchaser should determine the suitability of the product for his intended use and assumes all risk and liability whatsoever in connection therewith.