

# We make the connection.



## COUPLER INDICATING LIGHTS II - TECHNICAL DATASHEET

**Product Description:** Cable Coupler Power Status Indicating Light System II

**Design Function:** To provide users with a reliable means confirming the presence of energy in cable couplers

**Technical Description:** Separate circuit boards with 4 LED indicating lights for each phase.

**Key Features:**

- > Energy to power lights is harvested from the high voltage electromagnetic field
- > Current flow (load) is NOT required to activate the lights, only voltage must be present
- > All three phases are monitored independently
- > Triple light arrangement ensures lights are visible regardless of coupler position
- > Simplified installation using power collector rings
- > Lighting assembly easily installed during coupler installation
- > Modular design: components are replaceable and reusable
- > Cast from durable aluminum alloy

**Operating Parameters:**

- > Device will detect presence of voltage without current
- > Device cannot confirm the loss of one phase\*
- > Device cannot confirm phase rotation\*\*

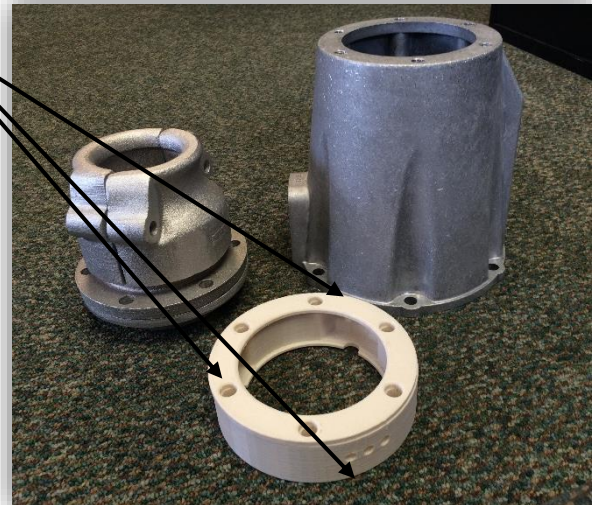


*\* Phases inside coupler are not individually screened therefore power collector rings may become charged from any phase having voltage present*

*\*\* Confirmation of phase rotation requires detection of current flow.*



(3) Indicating light arrays  
Replaceable housing  
Collector Rings



**NOTE: Additional design and testing is currently in progress to isolate the monitoring of each phase. This enhancement will enable detection and identification of a lost phase.**

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