

NEW PRODUCT

October 24, 2007

AIROTRONICS
Timers and Controls **ACT**

A division of Pelco Component Technologies

MARKET: Food Equipment,
HVAC, Lighting, Irrigation

FUNCTION: When a current of 0.5 amp or greater is sensed through the toroid, the solid state output closes, energizing the load. When the current falls below 0.5 amp the load is de-energized. This function provides a simple method of determining if a motor, compressor, pump, heater, light, etc. is operational.

PURPOSE: Determines through sensed AC current if a function is taking place or has ceased.

SIC#: 3585, 5046, 5075, 5083, 1796

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PELCO
COMPONENT TECHNOLOGIES
Putting Power to Work

2747 Rte 20E Cazenovia, NY 13035
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CATEGORY: Current Sensor

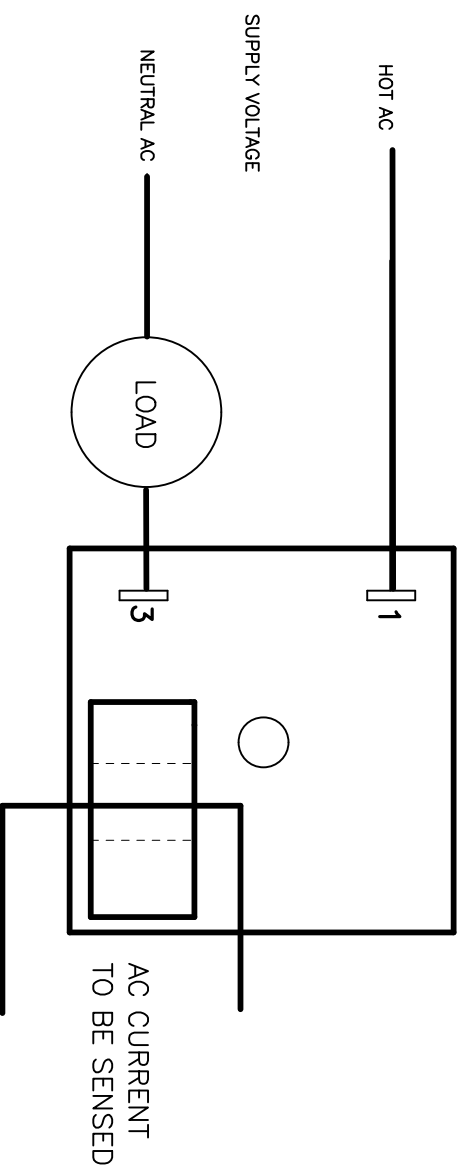
APPLICATION: Go/NoGo Current Sensor

SERIES: CS



FEATURES:

- Simple Go / No Go current detection
- Wide operational input voltage from 18VAC to 260VAC in one unit
- Simple two terminal "in-line" connection
- Solid State 1 amp output
- Low cost
- Isolation between sensed current and input voltage
- Feedthrough/non-contact toroidal sensor
- Encapsulated for protection in harsh and humid environments
- Requires no break in the wire being sensed



OPERATION: APPLY SUPPLY VOLTAGE TO LOAD AND SENSOR. IF THERE IS NO CURRENT PRESENT IN THE TOROID SENSE WIRE, NOTHING HAPPENS. IF CURRENT OVER 1 AMP IS SENSED THE LOAD TURNS ON. LOAD TURNS ON AND OFF FOLLOWING CURRENT SENSED IN TOROID LOOP.

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AC

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Current Sensor

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