

# CUSTOM SOLUTION

# AIROTRONICS

## Timers and Controls



A division of Pelco Component Technologies

**MARKET:** Transportation

**FUNCTION:** The control combines a timer and a diode logic board in one unit. The control has an automotive-type connector interface to allow quick swapout.

**PURPOSE:** The timer function provides a 10-second solid state signal to a panel light. This light indicates when the glow plug heater has completed its 10-second pre-heat. The diode module provides a signal for the oil pressure light when ignition key is started. The diode module will shut the light off when in start mode and the engine is operating under normal conditions. In the event of low oil pressure or other abnormal motor conditions, the module will shut down the cutter deck of a lawn mower.

**GROWTH MARKETS:**

Agricultural/Power Equipment, Industrial

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**PELCO**  
COMPONENT TECHNOLOGIES  
*Putting Power to Work*

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**CATEGORY:** Cube Relay Timer

**APPLICATION:** Diode / Timer Module

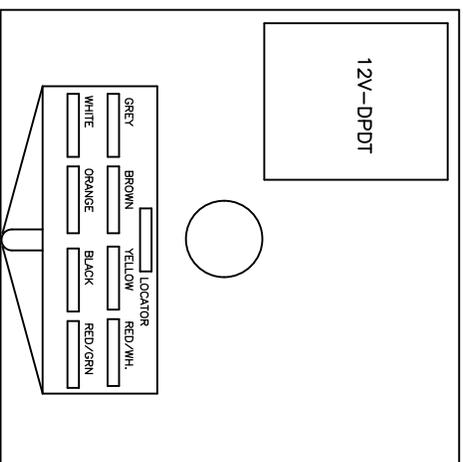
**SERIES:** TG



**FEATURES:**

- Special connector
- Transient protected
- 100% load isolation
- No leakage in N.O. position
- No heat sinking required
- Available in any time delay period required
- No minimum load required
- Totally encapsulated for protection from harsh environments
- 100% operational testing before shipping
- UL / CSA approvals

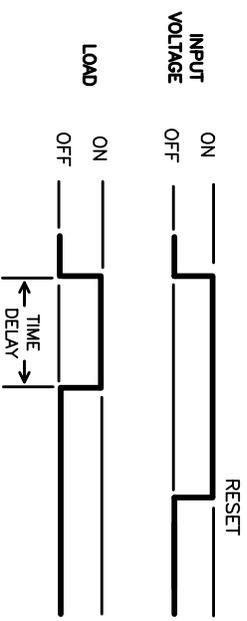
DTM-1  
 CONNECTION DRAWING



INPUT VOLTAGE: 12VDC

TIME PERIOD: \_\_\_\_\_

\*ON TIME\* = 10 SECONDS \_\_\_\_\_



OPERATION:  
 APPLICATION OF INPUT VOLTAGE TO THE TIMER ENERGIZES THE LOAD AND STARTS THE TIME DELAY. AT THE END OF THE TIME DELAY, THE LOAD IS DE-ENERGIZED. REMOVAL AND RE-APPLICATION OF INPUT VOLTAGE RE-SETS THE TIMER.



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