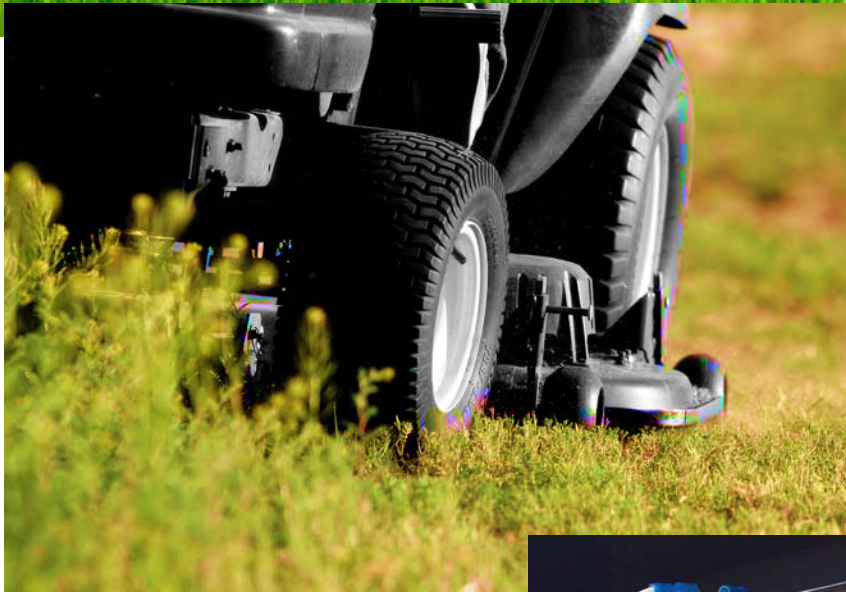


# PowerSolutions FOR EQUIPMENT MANUFACTURERS

## Landscaping | Groundskeeping | Lawnmowing



**AIROTRONICS**  
*Timers and Controls* **ACT**  
A division of Pelco Component Technologies

### **Airotronics timers and controls are putting power to work in your industry.**

By managing the flow and form of power in a wide variety of specialized applications, our innovative products make things happen at the right time in equipment, vehicles, tools and inventions.

Airotronics standard series offer extensive ranges of specifications and variables suitable for many processes and functions. We can often create a customized solution at a standard price.



Airotronics complete custom design program includes engineering assistance with product application, quick turnaround on design, prototype and production, and agency approvals.

Whether you choose from our nearly limitless selection of standard timers and controls, or require a custom-designed product, Airotronics personal attention, engineering assistance and technical support assure success.

Contact your representative, visit our website, or call us directly.  
**What can Airotronics create for you?**

*Examples of Airotronics PowerSolutions at work in your industry...*

### **MICROCONTROLLER**

Functions as a logic safety control, monitoring and ensuring that the correct functions and sequences for the start, seat, neutral and preheat switches are followed.

Allows for proper operation of the fuel, vibration and brake solenoids. Monitors the high temperature and oil pressure switches.

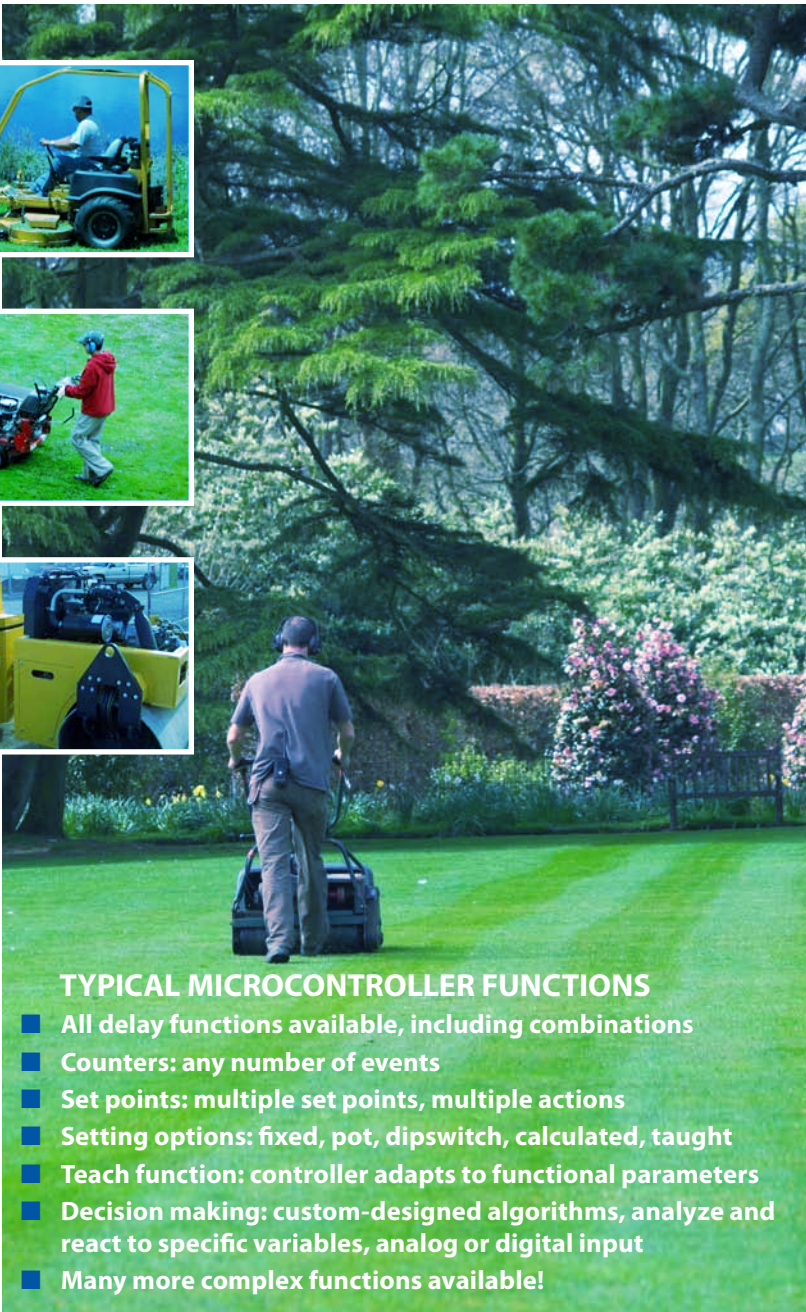
Ensures the equipment is operated under stable conditions.

In the event of specified abnormal motor conditions, the control will shut down the cutter deck.

### **DIODE TIMER MODULE**

Combines a timer and a diode logic board in one unit. Automotive-type connector interface allows for secure and protected connections with quick swapout.

Functions include providing a signal for the glow plug light when ignition key is started. Diode module will shut the light off when in start mode and the engine is ready for startup.



Equipment shown is representative of typical applications, and may not be actual application.

### TYPICAL MICROCONTROLLER FUNCTIONS

- All delay functions available, including combinations
- Counters: any number of events
- Set points: multiple set points, multiple actions
- Setting options: fixed, pot, dipswitch, calculated, taught
- Teach function: controller adapts to functional parameters
- Decision making: custom-designed algorithms, analyze and react to specific variables, analog or digital input
- Many more complex functions available!

...more Airotronics PowerSolutions for manufacturers of landscaping, groundskeeping and lawnmowing equipment, vehicles and tools.

### GLow PLUG TIMER

For diesel engines which use a glow plug to heat engine. Power applied to the timer provides output to a light for 10 seconds, after which the light goes out, indicating to the driver that the engine is ready to be started.

### VOLTAGE SENSOR

Ensures alternator is providing constant 12V power. If power drops below set-point, the sensor activates a light indicating the alternator is not working.

### MOWER MODULES

Control multiple and varied performance and safety functions concurrently. Provide easy connection to mower wiring harness for starter and engine, brake, neutral, seat switch and PTO.



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