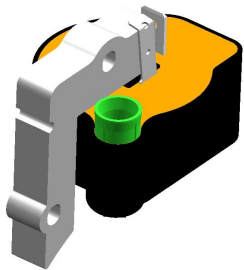


Magneto-Powered Capacitive-Discharge Ignition Systems

Low-Cost, High-Volume, Light-Weight Ignitions Optimized For Single-Cylinder 2- or 4-Stroke Gasoline Engines Used To Power Handheld Chainsaws, Trimmers, Blowers, and Other Lawn & Garden or Industrial Applications



Analog Ignitions:

Features:

Analog Timing Advance – 8/12/15 Degrees
Used with 3.5- to 4-inch flywheels
Temperature Rating: -40°C to 105°C

Options:

Switched Shut-Off Function
Momentary Shut-Off Function

Microprocessor Ignitions:

Features:

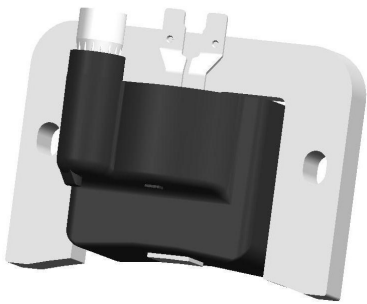
Programmable Custom Advance Curve
Programmable Cut-In
Stable Idle Timing
Optimized Timing on Startup to Avoid Kickback
Anti-Reverse Rotation Detection and Shutdown
Engine Governing at High Speeds
Wide Air-Gap/Temperature/Flux Tolerance
Used with 3.5- to 4-inch flywheel
Temperature Rating: -40°C to 105°C

Options:

Switched or Momentary Stop Function
Emulation of Existing Analog Advance Response

Magneto-Powered Capacitor-Discharge Ignition Systems

Low-Cost, High-Volume Ignitions Optimized For Single-Cylinder 2- or 4-Stroke Gasoline Engines Used To Power Lawn & Garden Mowers/Tractors, Utility Vehicles, Generator Sets and Other Industrial Applications



Analog Ignitions:

Features:

Analog Timing Advance – Fixed Timing Point
Temperature Rating: -40°C to 105°C
Used With Customer Flywheels and 2-Pole Magnet Groups

Options:

Switched Shut-Off Function
May Be Interfaced With External Triggering Control Module

Microprocessor Ignitions:

Features:

Individual Ignition Per Cylinder Eliminates Common Control Module for Multi-Cylinder Applications

Programmable Cut-In Speed
Programmable Base Timing Advance Curve

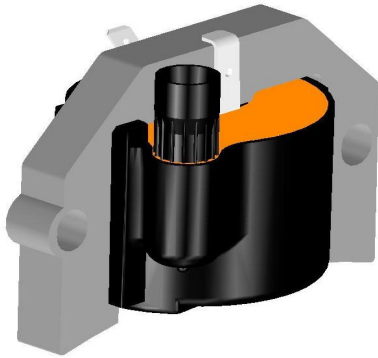
Switched Stop Function
Temperature Rating: -40°C to 105°C

Options:

Timing Advance Optimization For Maximum Torque/HP
Knock Detection and Mitigation
Misfire Detection
May Be Configured For Battery-Powered Systems

Magneto-Powered Inductive-Discharge Ignition Systems

Low-Cost, High-Volume Ignitions Designed For Single/Multiple-Cylinder 4-Stroke Large Gasoline Engines Used To Power Lawn & Garden Mowers/Tractors, Utility Vehicles, Generator Sets and Other Industrial Applications



Analog Inductive Ignitions:

Features:

Analog Timing Advance – Fixed Timing Point

Switched Engine Stop Function

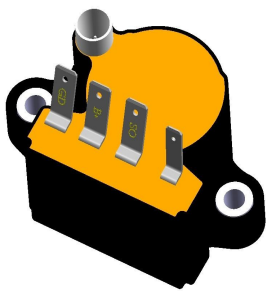
High-Energy Induction Coil Technology

Used With Customer Flywheels and 2-/3-Pole Magnet Groups

Temperature Rating: -40°C to 105°C

Battery-Powered Inductive-Discharge Ignition Systems

Low-Cost, High-Volume Ignitions Designed For Single/Multiple-Cylinder 4-Stroke Large Gasoline or Alternative-Fuel Engines Used To Power Lawn & Garden Tractors, Utility Vehicles, Generator Sets, and Other Industrial Applications



Microprocessor Inductive Ignitions:

Features:

Individual Ignition Per Cylinder Eliminates Common Control Module for Multi-Cylinder Applications

Hall-Effect Technology for Precise Timing

Programmable Cut-In Speed

Programmable Advance Curve

Engine Over-Speed Governing and Cut-Out

Timing Adjusted for Load Variations

Wide Air-Gap/Temperature Tolerance

High-Energy Internal Induction Coil Technology

Switched Stop Function

Can Be Used With Existing OEM Flywheel

Temperature Rating: -40°C to 105°C

Options:

Externally Switchable from Gasoline to LP/Natural Gas Timing Advance Curve

Terminal or Wired/Connector Interface to Harness