



MURPHY®
by **ENOVATION** CONTROLS

INTELLISPARK™

IGNITION SYSTEMS
CONTROLS & INSTRUMENTATION

Choice, Control And Power Are At Your Fingertips With IntelliSpark

Everyone wants to reduce their operating costs. Murphy's IntelliSpark can do it without causing major disruptions to your business. A few small changes can create a ripple effect that grows every day over several weeks – delivering major cost savings and extra efficiencies by the end of the year.

What's the catch? It's hard to make those changes if you don't have full control over your system.

That's been the standard for many ignition systems – one timing setting, one way to reprogram and limited voltage options. It's always been the manufacturer's way, not your way.

You need a new option that gives you more control, better efficiency and bigger operational savings. The IntelliSpark product line includes some of the most advanced ignition controls available.

True primary and secondary diagnostics provide users with an intelligent view of engine operation, while increased programming capabilities give you ultimate control. The IntelliSpark system features microprocessor and capacitive discharge functionality for any application that requires a cost-effective operation.

IntelliSpark technology is utilized in Murphy's Engine Integrated Control System (EICS).

Put this power to work and see reduced costs and enhanced flexibility.

Get ready to take control.

IntelliSpark™

POWER IN YOUR HANDS

IntelliSpark Systems put you in control of your ignition.
This advanced unit offers:

- Multiple timing options
- Communications
- Diagnostics
- Prognostics
- Simple, powerful programming

Clear graphics assist in diagnostics and predictive maintenance.



HIGH-RESOLUTION DISPLAY

The easy-to-read 4.8-inch color display is highly durable. It features a full-color LCD and offers best-in-class sunlight readability. Its rugged design is perfect for all types of environments.

RELIABLE IGNITION

The 601 Series CD Ignition can be installed on any large flywheel, single-cylinder, spark-ignited engine. The self-powered system offers proven design. Its magnetic charging circuitry promises a longer life because there are fewer moving parts to wear out.

SMART COILS

The expansive selection of coils provides accurate monitoring. The high-quality coil construction is built for durability. When paired with IntelliSpark, you receive real-time diagnostics and prognostic.

HALL EFFECT & MAGNETIC PICKUP

Fewer hall effect and magnetic pickups are required with IntelliSpark resulting in reduced costs.

COMPACT ALTERNATORS

The Brushless Alternator optimizes the IntelliSpark systems. These high-quality alternators offer durable, dependable, long-lasting power that is ideal for all industrial applications.

CSA certified for Class I, Div. 2, Group D areas.

CSA certified for Class I, Div. 2, Group B, C & D.

High-end electronics, user friendly systems and on-the-fly programming make the IntelliSpark™ Controller the most advanced option available. The system includes technologies and features that you won't find anywhere else – such as microprocessor-based control for all functions, five timing reference options and true secondary diagnostics. In addition, the IntelliSpark controller interface offers the easiest programming available, just select your engine model.

IntelliSpark™



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USA-ISO 9001:2008 FM 28221
UK-ISO 9001:2008 FM 29422
CHINA-ISO 9001:2008 FM 52385
Registered Facilities



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* Oil & Gas applications: Field Gas Gathering, Gas Transmission, Gas Power Generation.

**Industrial applications.

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