

## INTRINSICALLY SAFE COMPONENTS

- Help to protect all equipment in a circuit
- Limit electrical and/or thermal energy
- Simplify circuitry
- Prevent ignition in hazardous environments
- Improve safety
- Reduce installation time and costs



**Alternating  
Controllers Duplex  
(ARM Series)**



**Alternating Controllers  
Triplex & Quadraplex  
(ARM Series)**



**Multiple Channel  
Isolated Switch  
(ISO/ISL Series)**



**Single Channel  
Isolated Switch  
(ISO Series)**

### Technical Information (ARM Series)

- Fault Detection
- SOSO or FOFO Operation
- 5V Open circuit voltage
- Omit & Lead Select options
- LED indication when output is on
- Expandable: Duplex, Triplex, Quadraplex

### Technical Information (ISO/ISL Series)

- UL913 Certified
- Latching or Non-Latching Series
- Single Channel Isolated Switch comes complete with a UL-Rated socket (this socket must be used to maintain UL)
- LED indication when output is on

### Technical Information (Both Series)

- 24V or 120V AC operation
- 5A @ 24/120VVAC N.O. Output

### Competitive Differentiators

- ✓ Isolation voltage 2500V Input to Output

### Hazardous Location Classifications

Class I, Groups A-D – Flammable gasses  
 Class II, Groups E-G – Combustible dusts  
 Class III, Easily ignitable fibers or flyings

### Key Markets/Applications

- Water/Wastewater
- Chemical Plants/Chemical Transport
- Oil Drilling and Petrochemical Plants
- Paint Manufacturing and Mixing
- Mining Operations
- Processing Plants
- Disaster Relief and Cleanup
- Explosive Products Manufacturing
- Aviation Hangers

## Frequently Asked Questions & Answers

Q: How do I know which components I need?

A: For a hazardous location, the ISO/ISL Series isolated switches are the preferred product solution. The all-in-one ARM Series is utilized for pumping applications and comes complete with built-in intrinsically safe inputs.

Q: Do you have two, three, or four pump application solutions?

A: The ARM series is suitable for all of the above.

Q: What if I want to eliminate the need for separate hand-off-auto switches?

A: The ARM Series comes complete with the hand-off-auto switches built in.

Q: What are the mounting options for these intrinsically safe components?

A: Base mount, panel mount, and plug-in DIN rail mount



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