

# KJ2231X1-EA1 SIS Relay Module

## Hazardous Atmosphere



II 3G Ex ec nC IIC Gc  
FM16ATEX0056U  
FM21UKEX0017U



CL. I Div. 2 GP. A,B,C,D  
CL. I Zone 2 AEx/Ex ec nC IIC Gc  
FM17US0286U  
FM17CA0145U

## Power Specifications

|               |                                     |
|---------------|-------------------------------------|
| Input Power   | 24 VDC at 70 mA                     |
| Relay Contact | 30 VDC at 2.5 A<br>250 VAC at 2.5 A |

## Environmental Specifications

|                       |   |
|-----------------------|---|
| Ambient Temperature   | -40°C to +70°C  |
| Shock                 | 10g ½ Sinewave for 11msec                                     |
| Vibration             | 1mm Peak to Peak from 2 to 13.2Hz;<br>0.7g from 13.2 to 150Hz |
| Airborne Contaminants | ISA-S71.04 –1985 Airborne<br>Contaminants Class G3            |
| Relative Humidity     | 5 to 95% Non-Condensing                                       |

**Note:** Refer to the product label for serial number and location and date of manufacture.

**Warning:** This product has specific instructions for installation, removal and operation in hazardous areas. Refer to document 12P2046 *"DeltaV™ Scalable Process System Zone 2 Installation Instructions"*. Other installation instructions are available in the *"DeltaV™ M-Series Hardware Installation and Reference"* manual.

## Removal and Insertion

This unit cannot be removed or inserted with system power energized unless the area is known to be non-hazardous.

## Maintenance and Adjustment

This unit contains no user serviceable parts and should not be disassembled for any reason. Calibration is not required.

## Other Safety Approvals

