

# KJ2231X1-EA1 SIS Relay Module

## Hazardous Atmosphere



Nemko No. 02ATEX431U  
EEx nC IIC T4

## Power Specifications

|               |                                 |
|---------------|---------------------------------|
| Input power   | 24 VDC, 70 mA                   |
| Relay contact | 30 VDC, 2.5 A<br>250 VAC, 2.5 A |

## Environmental Specifications

|                       |  |
|-----------------------|--|
| Ambient Temperature   | -40 to 70° C   |
| Shock                 | 10 G ½-sinewave for 11 ms  |
| Vibration             | 1 mm peak-to-peak from 5 Hz to 16 Hz, 0.5 g from 16 Hz to 150 Hz |
| Airborne Contaminants | ISA-S71.04 –1985 Airborne Contaminants Class G3                  |
| Relative Humidity     | 5% to 95% non-condensing   |

**Note:** See 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 "*Installing Your DeltaV™ Safety Instrumented System Hardware*" manual.

## Removal and Insertion

This unit cannot be removed or inserted with system power energized.

## 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



CL. 1 Div.2  
GP. A, B, C, D  
HAZ. LOC.  
TEMP. Rating T4



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