

# KJ2005X1-SQ1 SQ Controller

## Hazardous Atmosphere



II 3G Ex ec IIC Gc  
FM19ATEX0173U  
IECEX FMG 19.0019U  
FM21UKEX0017U



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

## Power Specifications

Local Bus Power +5 VDC at 1.4 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 12P5404 "*DeltaV™ S-Series Digital Automation System Zone 2 Installation Instructions*". Other installation instructions are available in the "*DeltaV™ S-Series and CHARMS Hardware Installation*" manual.

The communications network connected to the

DeltaV Remote Interface Unit must not be connected to a source that generates or contains under normal conditions a potential in excess of 60 VAC or 75 VDC.

## 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

