

# KJ3241X1-BA1 Serial Interface Card

## Hazardous Atmosphere



II 3G Ex nA nC IIC Gc  
FM12ATEX0090U  
IECEx FMG 12.0035U

## Power Specifications

Local Bus Power 12 VDC at 300 mA

## 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;  
0.7g from 13.2 to 150Hz

Airborne Contaminants ISA-S71.04 –1985 Airborne  
Contaminants Class G3

Relative Humidity 5 to 95% Non-Condensing IP 20 Rating

Terminal Block key D4  
Position

**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 and only one unit at a time may be removed or inserted.

A rotary keying system ensures compatibility between I/O cards and terminal blocks after installation is complete. The terminal block must have the keys set for the I/O card with which it is used.

## 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

