

## ATEX Instruction Sheet

Part Number: ATEX16

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## Series 2 Multifunction I/O Card

# KJ3212X1-BA1 Series 2 Multifunction I/O Card

### Hazardous Atmosphere



II 3 G

Nemko No. 02ATEX431U

EEx nA IIC T4

### Power Specifications

LocalBus power rating	12 VDC at 150 mA
Bussed field power rating	24 VDC at 100 mA
Field circuit rating	24 V at 100 mA DI 25 mA per channel

### Environmental Specifications

Ambient Temperature	-40 to 70° C
Shock	10g ½ Sinewave for 11 msec
Vibration	1mm Peak to Peak from 5 to 16Hz; 0.5g from 16 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 position	C6

**Note:** Refer to the product label for serial number and location and date of manufacture. Refer also to the wiring diagram on the left side of the card.

**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 Automation System*" 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. I Div. 2  
GP.A,B,C,D  
HAZ.LOC.  
TEMP. Rating T4



LR87534



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