

## ATEX Instruction Sheet

Part Number: ATEX20

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# 16-Channel Analog Input Terminal Block

## KJ3223X1-EA1 16-Channel Analog Input Terminal Block

### Hazardous Atmosphere



Nemko No. 02ATEX431U  
EEx nA IIC T4

### Power Specifications

Voltage rating 30 VDC  
Max current 100 mA/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

**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 "*Installing Your DeltaV Automation System*" manual.

### Removal and Insertion

A rotary keying system ensures compatibility between I/O cards and terminal blocks after installation is complete. This terminal block must

have the keys set for the I/O card it is to be used with.

### 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

