

# KJ3242X1-BK1 S-Series Fieldbus H1 Card

## Hazardous Atmosphere



Nemko No. 10ATEX3225U  
Ex nA nL IIC T4 Gc

## Power Specifications

LocalBus power rating 12 VDC at 300 mA  
Field circuit rating 32 VDC at 12 mA/port

## 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 D6

**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.

## Removal and Insertion

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

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

