KJ3212X1-BA1  Series 2 Multifunction I/O Card

Hazardous Atmosphere

Ex
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

APPROVED
CL. I Div. 2
GP.A,B,C,D
HAZ.LOC.
TEMP. Rating T4
LR87534