

KJ3225X1-BK1 S-Series RTD / Resistance Input Card

Hazardous Atmosphere



II 3G Ex ec IIC Gc
 FM19ATEX0173U
 IECEX FMG 19.0019U
 FM21UKEX0017U
 II 3G Ex nA nL IIC Gc
 Nemko 10ATEX3225U
 IECEX NEM 10.0019U



CL. I Div. 2 GP. A,B,C,D
 CL. I Zone 2 AEx/Ex ec IIC Gc
 FM17US0286U
 FM17CA0145U

Power Specifications

Local Bus Power 12 VDC at 160 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

Terminal Block key C3
 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 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

Field power supplied to this device, either at the field terminal or as bussed field power through the Carrier, must be removed before removing or connecting the device.

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

For "nL" installation, an I/O loop assessment must be completed on all energy-limited nodes.

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

