

KJ3241X1-BA2 Serial Interface Card

Hazardous Atmosphere



II 3G Ex ec nC IIC Gc
FM19ATEX0173U
IECEX FMG 19.0019U
FM21UKEX0017U



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

Power Specifications

Local Bus Power 12 VDC at 300 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 Position D4

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 "DeltaV™ S-Series Hardware Installation and Reference" 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.

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

