

KJ4001X1-BB1 8 Wide I/O Carrier

Hazardous Atmosphere



Nemko No. 02ATEX431U
EEx nA IIC T4

Power Specifications

LocalBus Circuit	12.6 VDC at 8 A
Field Circuit Power	30 VDC at 6.5 A

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

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

Bussed field power must not be connected to a supply that generates or contains a source of potential in excess of 30 VDC.

Field power supplied to this device either at the field terminal or as bussed field power via the I/O carrier must be removed before removing or connecting this device.

Power must be de-energized before disconnecting any carriers or LocalBus Extender cables.

A module cover (KJ4001X1-FA1) must be fitted to any permanently unoccupied location on an I/O module carrier. (Permanently unoccupied implies no I/O module **and** no terminal block are intended for that location.)

This product must **not** be unplugged unless either the system has been de-energized or the area is known to be safe. No combination of I/O carriers and LocalBus Extenders must exceed a length of 6.5 meters. Interconnecting cable between enclosures must be in conduit.

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

