

## KJ4002X1-BA1 Left 8 Wide Vertical Carrier

## KJ4002X1-BB1 Right 8 Wide Vertical Carrier

### Hazardous Atmosphere



Nemko No. 02ATEX431U  
EEx nA IIC T4

### Power Specifications

LocalBus Circuit Power 12.6 VDC at 15 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

