

# KJ4001X1-BE1 8-Wide I/O Carrier

## Hazardous Atmosphere



II 3G Ex ec IIC Gc  
FM16ATEX0056U  
FM21UKEX0017U



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	12.6 VDC at 8 A
Bussed field Power	30 VDC at 6.5 A

## 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

**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™ M-Series Hardware Installation and Reference"* manual.

## Removal and Insertion

This unit cannot be removed or inserted with system power energized. Power must be de-energized before disconnecting any carriers or LocalBus Extender cables.

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.

A module cover (KJ4001X1-FA1) must be fitted to any permanently unoccupied location on a carrier. (Permanently unoccupied implies no I/O card is intended for that location.)

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

