

## ATEX Instruction Sheet

Part Number: ATEX281

Publish date: July 2021

## 2-Wide Power/Controller Carrier

# KJ4001X1-BA3 2-Wide Power/Controller 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

Input Power 30 VDC at 8 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.

A module cover (KJ4001X1-FA1) must be fitted to any permanently unoccupied location on a carrier. (Permanently unoccupied implies no system power supply or controller are 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

