

# KJ3208X1-BA2 DO 8-Channel 24 VDC Isolated

## Hazardous Atmosphere



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



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

## Power Specifications

Local Bus Power	12 VDC at 150 mA
Field Circuit	60 VDC at 1 A/Channel

## 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	B5

**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

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.

Non-sparking field circuits **MUST** be de-energized before removing and inserting including the fused terminal block.

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

