

## ATEX Instruction Sheet

Part Number: D803065X012

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# DO 32-Channel 24 VDC High-Side

## KJ3204X1-BA1 DO 32-Channel 24 VDC High-Side

### Hazardous Atmosphere



II 3G Ex nA IIC Gc  
FM12ATEX0090U  
IECEX FMG 12.0035U

### Power Specifications

Local Bus Power	12 VDC at 150 mA
Bussed Field Power	24 VDC at 3.2 A/Card
Field Circuit	24 VDC at 100 mA/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 IP 20 Rating
Terminal Block key Position	B4

**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 unless the area is known to be non-hazardous and only one unit at a time may be removed or inserted.

Non-sparking field circuits **MUST** be de-energized before removing and inserting.

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



CL. I Div. 2 GP.A,B,C,D T4