

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

DELTA V

KJ3208X1-BA2

8-CHANNEL DIGITAL OUTPUT CARD

Used with the applicable DeltaV S-series traditional I/O configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Emerson official manufacturer documentation

ATEX Instruction Sheet

Part Number: ATEX224

Publish date: July 2021

DO 8-Channel 24 VDC Isolated

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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

