

ATEX Instruction Sheet

Part Number: ATEX71

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AI 8-Channel Terminal Block

KJ4006X1-BL1 AI 8-Channel Terminal Block

Hazardous Atmosphere



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



CL. 1 Zn 2 AEx/Ex ec IIC Gc
CL. 1 Zn 2 AEx/Ex ec ic IIC Gc
FM17US0286U
FM17CA0145U

Power Specifications

| | |
|-------------|---|
| Field Power | 30 VDC at 100 mA (for nL and ic installation) |
| | 60VDC at 1.0 A (for ec installation) |

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 | Set according to I/O card installed |

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 12P5404 "DeltaV™ S-

Series Digital Automation System Zone 2 Installation Instructions". Other installation instructions are available in the "DeltaV™ S-Series and CHARMS Hardware Installation" manual.

Removal and Insertion

Terminals Block can be added or removed with System Power applied only when no I/O Card is installed, and no field wiring is connected to the terminal.

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

