# KJ4006X1-BP1 40-Pin Mass Terminal Block

## 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

| | |
|---|---|
| Field Power | 30 VDC at 3.2 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 |
| 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

LR87534