

# KJ4006X1-BB1 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 Zh 2 AEx/Ex ec IIC Gc  
CL. 1 Zh 2 AEx/Ex ec ic IIC Gc  
FM17US0286U  
FM17CA0145U

## Power Specifications

Field Power 30 VDC at 100 mA (for nL or 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

