

# KJ4006X1-BQ1 Profibus DP 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 Circuit Power 5 VDC at 100 mA

## 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

