

ATEX Instruction Sheet

Part Number: ATEX84

Publish date: July 2021

SX Controller

KJ2005X1-BK1 SX Controller

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 +5 VDC at 1.4 A

Environmental Specifications

Ambient Temperature	-40°C to +60°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

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.

The communications network connected to the

DeltaV Remote Interface Unit must not be connected to a source that generates or contains under normal conditions a potential in excess of 60 VAC or 75 VDC.

Removal and Insertion

This unit cannot be removed or inserted with system power energized unless the area is known to be non-hazardous.

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

