

ATEX Instruction Sheet

Part Number: ATEX85

Publish date: October, 2011

S-Series H1 with Integrated Power

KJ3246X1-BA1 S-Series H1 with Integrated Power

Hazardous Atmosphere



PF10CERT169X
Ex nAc IIC T4 Gc

Power Specifications

LocalBus power rating 12 VDC at 300 mA
Field circuit rating 28 to 30 VDC at 400 mA/port

Environmental Specifications

Ambient Temperature -40 to 70° C
Shock 10g ½ Sinewave for 11 msec
Vibration 1mm Peak to Peak from 2 to 13.2 Hz; 0.7g from 13.2 to 150Hz
Airborne Contaminants ISA-S71.04 –1985 Airborne Contaminants Class G3
Relative Humidity 5 to 95% Non-Condensing IP 20 Rating
Terminal block key position D6

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

This unit cannot be removed or inserted with system power energized.

A non resettable keying system ensures compatibility between I/O cards and terminal blocks after installation is complete.

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



CL. 1 Div. 2
GP. A,B,C,D
HAZ. LOC.
TEMP. Rating T4

