

ATEX Instruction Sheet

Part Number: ATEX82

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DC/DC System Power Supply

KJ1501X1-BK1 S-Series DC/DC System Power Supply

Hazardous Atmosphere



Nemko No. 07ATEX3058U

Ex nA nC IIC T4

Lo=20 uH

Alarm relay energy limited field circuit parameters:

Vmax = 30 VDC

I_{max} = 135mA

Li=0

Ci=0

System Power

Input Power	19.2 VDC to 28.8 VDC
Output Power:	10.2 W total at 70° C (combined outputs of 5 VDC and 3.3 VDC)
Output rating:	12 VDC at 8 A max to 60° C or 12 VDC at 6 A max to 70° C
	5.1 VDC at 2.0 A
	3.4 VDC at 2.0 A

Environmental Specifications

Ambient Temperature	-40 to 70° C
Shock	10g ½ Sinewave for 11 msec
Vibration	1mm Peak to Peak from 5 to 16Hz; 0.5g from 16 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.

Removal and Insertion

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

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

