

ATEX Instruction Sheet

Part Number: D803071X012

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Single Port Fiber Switch

KJ1710X1-BA1 Single Port Fiber Switch

Hazardous Atmosphere



II 3 (1) G

KEMA No. 04ATEX1175X

EExnA [op is] IIC T4

Power Specifications

Input power +19.2 - 28.8 VDC at 250 mA

Environmental Specifications

Ambient Temperature -40 to 70 °C

Shock 10 G ½-sinewave for 11 ms

Vibration 1 mm peak-to-peak from 5 Hz to 16 Hz, 0.5 g from 16 Hz to 150 Hz

Airborne Contaminants ISA-S71.04 –1985 Airborne Contaminants Class G3

Relative Humidity 5% to 95% non-condensing

Note: See 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 12P3517 "*DeltaV™ KJ1710 Single Port Fiber Switch Installation Instructions*". Other installation instructions are available in the "*Installing Your DeltaV™ Automation System*" and the "*Installing Your DeltaV™ Zone 1 Intrinsically Safe Hardware*" manuals.

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



APPROVED

NI CL I, DIV 2, Groups A, B, C, D;
CL I, ZN 2, IIC; T4 Ta = 70°C
Fiber optic port:
AIS CL I, DIV 1, Groups A, B, C, D;
CL I, ZN 0, AEx [ia] IIC; T4 Ta = 70°C



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