

## ATEX Instruction Sheet

Part Number: D800076X012

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# Logic Solver - SLS 1508

## KJ2201X1-BA1 Logic Solver - SLS 1508

### Hazardous Atmosphere



II 3 G

Nemko No. 02ATEX431U

EEx nA IIC T4

### Power Specifications

Input power 24 VDC, 1 A

Field power 4 A (maximum)

### 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 12P2046 "*DeltaV™ Scalable Process System Zone 2 Installation Instructions*". Other installation instructions are available in the "*Installing Your DeltaV™ Safety Instrumented System Hardware*" manual and the "*DeltaV™ Safety Instrumented System Safety*" 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. I Div. 2  
GP. A, B, C, D  
HAZ. LOC.  
TEMP. Rating T4



TÜV NORD  
IEC 6150:2000  
SIL 3 Capability



**EMERSON**  
Process Management