

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

DELTA V

KJ2201X1-BA1

SLS 1508 LOGIC SOLVER

Used with the applicable DeltaV SIS safety systems configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Emerson official manufacturer documentation

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