

KJ2231X1-EB1 Voltage Monitor

Hazardous Atmosphere



Nemko No. 02ATEX431U
EEx nA IIC T4

Power Specifications

Input power 24 VDC, 6 mA
 230 VAC, 15 mA

Output ratingt 30 VDC, 12 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 ISA-S71.04 –1985 Airborne
Contaminants 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.

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



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