

KJ4020X1-BD1 Fieldbus Power Conditioner

Hazardous Atmosphere



Nemko No. 02ATEX431U
EEx nL IIC T4

Power Specifications

Input Power	24 VDC at 350 mA
H1 Input	3 VAC at 10 mA maximum
Fieldbus Power	9.23 VDC at 160 mA

Environmental Specifications

Ambient Temperature	0 to 60° 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 IP 20 Rating

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 12P2046 "*DeltaV™ Scalable Process System Zone 2 Installation Instructions*". Other installation instructions are available in the "*Installing Your DeltaV Automation System*" manual.

Removal and Insertion

An I/O loop assessment must be completed on all energy-limited nodes.

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

