

KJ4001X1-BA3 Power Controller 2 Wide Carrier

Hazardous Atmosphere



Nemko No. 02ATEX431U
EEx nA IIC T4

Power Specifications

Input 30 VDC at 8 A (max)

Environmental Specifications

| | |
|-----------------------|---|
| Ambient Temperature | -40 to 70° 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

This unit cannot be removed or inserted with system power energized.

Power must be de-energized before disconnecting any carriers or LocalBus Extender cables.

A module cover (KJ4001X1-FA1) must be fitted to any permanently unoccupied location on a carrier. (Permanently unoccupied implies no system power supply or controller are intended for that location.)

This product must **not** be unplugged unless either the system has been de-energized or the area is known to be safe. No combination of I/O carriers and LocalBus Extenders must exceed a length of 6.5 meters. Interconnecting cable between enclosures must be in conduit.

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

