

KJ4005X1 S-Series System Carriers

Hazardous Atmosphere



Nemko No. 11ATEX3029U
Ex nA IIC T4 Gc

Power Specifications

LocalBus power rating 12 VDC at 15 A
Field power rating 30 VDC at 3 A/card

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 12P5404 *"DeltaV™ S-Series Digital Automation System Zone 2 Installation Instructions"*. Other installation instructions are available in the *"DeltaV™ S-series and CHARMs Hardware Installation"* manual.

Removal and Insertion

This unit cannot be removed or inserted with system power energized. Power must be de-energized before connecting or disconnecting any carriers, extenders, extender cables, SIS adapters or power plugs.

Field power must be de-energized before connecting or disconnecting an 8-wide carrier and must not be

connected to a supply that generates or contains a source of potential in excess of 30 VDC.

A module cover (KJ4005X1-BH1) must be fitted to any permanently unoccupied location on a carrier. (Permanently unoccupied implies no system power supply, controller, or I/O card are intended for that location).

No combination of I/O carriers and LocalBus Extenders can 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



CL. 1 Div. 2
GP. A,B,C,D
HAZ. LOC.
TEMP. Rating T4

