KJ4005X1-BA1, BB1, BC1, BD1, BE1, BF1, BG1, BL1 S-Series System Carriers

Hazardous Atmosphere

II 3G Ex ec IIC Gc
FM19ATEX0173U
IECEx FMG 19.0019U
FM21UKEX0017U

CL. I Div. 2 GP. A,B,C,D
CL. I Zone 2 AEx/Ex ec IIC Gc
FM17CA0145U
FM17US0286U

Power Specifications

Local Bus Power	12 VDC at 15A
Field Power (8-Wide carrier)	30 VDC at 3 A/Card

Environmental Specifications

Ambient Temperature	-40°C to +70°C
Shock	10g ½ Sinewave for 11msec
Vibration	1mm Peak to Peak from 2 to 13.2Hz; 0.7g from 13.2 to 150Hz
Airborne Contaminants	ISA-S71.04 –1985 Airborne Contaminants Class G3
Relative Humidity	5 to 95% Non-Condensing

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

CE UKCA CSA LR87534 c US

EMERSON