

# 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

