

ATEX Instruction Sheet
Part Number: ATEX5
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VerticalPlus I/O Carrier Extender Left/Right

KJ4003X1-BE1 VerticalPlus I/O Carrier Extender Right

KJ4003X1-BF1 VerticalPlus I/O Carrier Extender Left

Hazardous Atmosphere



II 3G Ex ec IIC Gc
FM16ATEX0056U
FM21UKEX0017U



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

Power Specifications

Local Bus Power 12.6 VDC at 15 A

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 12P2046 "DeltaV™"

Scalable Process System Zone 2 Installation Instructions". Other installation instructions are available in the "DeltaV™ M-Series Hardware Installation and Reference" 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.

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



Emerson Automation Solutions
Round Rock, Texas





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PRODUCT: KJ4003X1-BE1 / DeltaV VerticalPlus I/O Carrier Extender Right

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