

## ATEX Instruction Sheet

Part Number: ATEX190

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## CHARM I/O Card 2 (CIOC2)

# KL2101X1-BB1 CHARM I/O Card 2 (CIOC2)

### 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

Input Power	24 VDC at 2 A Max
Output Power	6.3 VDC at 3.25 A

### Environmental Specifications

Ambient Temperature	-40 °C to +70 °C
Shock	10 g half-sine wave for 11 ms
Vibration	1 mm peak to peak from 2 to 13.2 Hz; 0.7 g from 13.2 to 150 Hz
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 12P5403, *DeltaV™ Electronic Marshalling Digital Automation System (CHARM I/O Subsystem) 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 unless the area is known to be non-hazardous.

### 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

