

## ATEX Instruction Sheet

Part Number: ATEX36

Publish date: August, 2011

# CHARM I/O Card (CIOC) Carrier

## KL4101X1-BA1 CHARM I/O Card (CIOC) Carrier

### Hazardous Atmosphere



Nemko No. 11ATEX3029U  
Ex nA IIC T4 Gc

### Power Specifications

Input power redundant +24 VDC  $\pm$ 10% at 12 A  
Output power to CHARMS +6.3 VDC at 3.25 A

### Environmental Specifications

Ambient Temperature -40 to 70° C  
Shock 10g ½ Sinewave for 11 msec  
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 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 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.

### 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

