

## ATEX Instruction Sheet

Part Number: ATEX123

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# CHARM Address Terminal

## KL4502X1-DA1 CHARM Address Terminal

### Hazardous Atmosphere



II 3G Ex nA IIC T4 Gc  
Nemko 11ATEX3029U  
IECEX NEM 11.0003U

### Power Specifications

CHARM Address Terminal power rating 250VAC at 10A

### 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
Terminal block key position	Automatically set during installation

**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

CHARM Address Terminals cannot be removed or installed with system power energized.

A keying system ensures compatibility between an Address Plug and CHARM Address Terminal when

installed. The Address Terminal keys are automatically set the first time the Address Plug is installed. To install a different Address Plug number on an Address Terminal, reset the keys by removing the Address Terminal from the CHARM Baseplate and pressing the keys to release them from the locked position.

### 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

