

## ATEX Instruction Sheet

Part Number: ATEX96

Publish date: August, 2012

## I.S. CHARM Address Terminal

# KL4510X1-EA1

# I.S. CHARM Address Terminal

### Hazardous Atmosphere



FM 11 ATEX 0032X  
II (1) G [Ex ia] IIC  
II (1) D [Ex ia] IIIC  
II 3 (1) G Ex nAc [ia] IIC T4  
(-40°C < Ta < +70°C)

### 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 documents:

*ATEX/IECEx Installation Instructions IS-CHARM Subsystem 12P6523*

*Control Drawing DeltaV™ IS-CHARMs Subsystem 12P6122*

*Control Drawing DeltaV™ IS-CHARMs 12P6123*

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



#### cFMus:

CL I, DIV 2, GP A-D T4;

CL I, ZN 2, AEx nAc, Ex nA IIC T4 providing IS circuits for

CL I,II,DIV 1,GP A-G; CL III;

CL I, ZN 0, [AEx ia] IIC, [Ex ia] IIC

Install per dwg 12P6122

#### IECEx:

FMG 11.0013X

[Ex ia] IIC

[Ex ia] IIIC

Ex nAc [ia] IIC T4