

# KL4501X1-BA1, BB1, BC1, BD1, BE1, BF1, BG1, BH1 CHARM Address Plugs

## 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

CHARM Bus power rating +6.5 VDC at 7 mA

## Environmental Specifications

Ambient Temperature	-40 °C to +70 °C
Shock	10 g half-sine wave for 11 ms
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
Address Plug Key Position	KL4501X1-BA1 ADDRESS PLUG #1 1A KL4501X1-BB1 ADDRESS PLUG #2 1C KL4501X1-BC1 ADDRESS PLUG #3 1E KL4501X1-BD1 ADDRESS PLUG #4 3A KL4501X1-BE1 ADDRESS PLUG #5 3C KL4501X1-BF1 ADDRESS PLUG #6 3E KL4501X1-BG1 ADDRESS PLUG #7 5A KL4501X1-BH1 ADDRESS PLUG #8 5C

**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.

Non-sparking field circuits **MUST** be de-energized before removing and inserting an Address Plug.

A keying system ensures compatibility between an Address Plug and the Address terminal block when the Address Plug is installed on the terminal block. The terminal block keys are automatically set the first time the Plug is installed on the terminal block. To install another Plug number on a terminal block, reset the keys by removing the terminal block and releasing the keys 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

