

KL4210X1-BA1 I.S. CHARM Baseplate

Hazardous Atmosphere



II 3(1) G Ex ec [ia Ga] IIC T4 Gc
II 3G (1D) Ex ec [ia IIIC Da] IIC T4 Gc
FM11ATEX0032X
IECEX FMG 11.0013X
FM21UKEX0155X



CL1, DIV 2, GP A-D, T4
Associated CL I, II, III, DIV 1, GP A-G
CL I, ZN 2 AEx ec [ia Ga] IIC T4 Gc
CL I, ZN 2 AEx ec [ia IIIC Da] IIC T4 Gc
FM20US0091X; FM20CA0040X

Power Specifications

CHARM Bus power rating	+6.3 VDC at 7.6 A
Field circuit power rating	+24 VDC at 8.4 A

Environmental Specifications

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

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



EMERSON.