ATEX Instruction Sheet
Part Number: ATEX42
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CHARM Column Extenders

KL4503X1-BA1 CHARM Baseplate Extender, Bottom

KL4503X1-CA1 CHARM Baseplate Extender, Top

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	6.3 VDC at 4 A
Field Circuit Power	24 VDC at 10 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 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

LR87534

EMERSON.

Emerson Automation Solutions
Round Rock, Texas

GLOBAL INDUSTRIAL AUTOMATION SOURCING

Ready to source this part?

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Include the product title and any required part number or quantity.

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PRODUCT: KL4503X1-BA1 / DeltaV CHARM Baseplate Extender, Bottom

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