

ATEX Instruction Sheet

Part Number: ATEX124

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CHARM Column Terminators

KL4502X1-EA1 CHARM Column Terminator, Bottom

KL4502X1-FA1 CHARM Column Terminator, Top

Hazardous Atmosphere



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

Power Specifications

CHARM Column Terminator power rating 6.3VDC at 10mA

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 Column Terminators cannot be removed or installed 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



CL. 1 Div. 2
GP. A,B,C,D
HAZ. LOC.
TEMP. Rating T4



LR87534