

HighFive PLC

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MX Controller

ATEX Instruction Sheet

Part Number: ATEX9

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KJ2005X1-BA1 MX Controller

Hazardous Atmosphere



II 3G Ex nA IIC Gc
FM12ATEX0090U
IECEX FMG12.0035U

Power Specifications

Local Bus Power +5 VDC at 1.4 A

Environmental Specifications

Ambient Temperature	-40 °C to +60 °C
Shock	10 g half-sine wave for 11 ms
Vibration	1 mm peak to peak from 2 to 13.2 Hz; 0.7 g from 13.2 to 150 Hz
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 document 12P2046, *DeltaV™ Scalable Process System Zone 2 Installation Instructions*. Other installation instructions are available in the *DeltaV™ M-Series Hardware Installation and Reference* manual.

The communications network connected to the DeltaV Remote Interface Unit must not be connected to a source that generates or contains under normal conditions a potential in excess of 60 VAC or 75 VDC.

Removal and Insertion

This unit must not be removed or inserted with system power energized unless the area is known to be non-hazardous.

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




EMERSON