MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

EMERSON

KJ3223X1-EA1 12P2867X022

16-CHANNEL AI TERMINAL BLOCK

Used with the applicable DeltaV configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Emerson ATEX20 Instruction Sheet, KJ3223X1-EA1 16-CH AI Terminal Block, November 2021

ATEX Instruction Sheet
Part Number: ATEX20
Publication date: November 2021

KJ3223X1-EA1 16-CH AI Terminal Block

Hazardous Atmosphere

II 3G Ex ec IIC Gc
FM18ATEX0076U
IECEx FMG 18.0030U
FM21UKEX0199U

CL. I Div. 2 GP. A,B,C,D
CL. I Zone 2 AEx/Ex ec IIC T4 Gc
FM18US0277U
FM19CA0005U

Power Specifications

Input Power Rating	30 VDC @ 100m A

Environmental Specifications

Ambient Temperature	-40 °C to +70 °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™ 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

LR 108860