

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

DELTA V

KC4011X1-BZ1

REDUNDANT AO MASS TERMINAL BLOCK

Used with the applicable DeltaV S-series traditional I/O configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Emerson official manufacturer documentation

KC4011X1-BZ1 Redundant 48-Pin AO Plus Mass Terminal Block

Hazardous Atmosphere



II 3G Ex ec nC IIC Gc
FM19ATEX0173U
IECEX FMG 19.0019U
FM21UKEX0017U



CL. I Div. 2 GP. A,B,C,D
CL. I Zone 2 AEx/Ex ec nC IIC Gc
FM17US0286U
FM17CA0145U

Power Specifications

Field Circuit Rating 30 VDC at 200 mA/Ch

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
Key position	A5

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™ S-series and CHARMS Hardware Installation*" manual.

Removal and Insertion

Terminals Block can be added or removed with System Power applied only when no I/O Card is installed, and no field wiring is connected to the terminal.

A rotary keying system ensures compatibility between I/O cards and terminal blocks after installation is complete. The terminal block must have the keys set for the I/O card with which it is to be used.

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

