

Company: Joyoung International Trading Co., Limited

Atten: Smiling

Mobile/WhatsApp/Wechat: +86 18050035902

E-mail: info@htechplc.com

Website: <https://www.joyoungintl.com/>

## DO 32-Ch 24VDC High-Side Plus Card

# KC3020X1-BA2 DO 32-Ch 24VDC High-Side Plus Card

### 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

Local Bus Power	12 VDC at 150 mA
Bussed Field Power	24 VDC at 3.2 A/Card
Field Circuit	24 VDC at 100 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
Terminal block key position	B4

**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

Field power supplied to this device, either at the field terminal or as bussed field power through the Carrier, must be removed before removing or connecting the device.

This unit cannot be removed or inserted with system power energized.

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

