

## ATEX Instruction Sheet

Part Number: ATEX66

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# S-Series Discrete 32-Channel Terminal Block

## KJ4006X1-BF1 S-Series Discrete 32-Channel Terminal Block

### Hazardous Atmosphere



Nemko No. 11ATEX3029U

Ex nA IIC T4 Gc

### Power Specifications

Field circuit rating 30 VDC at 1 A

### Environmental Specifications

Ambient Temperature -40 to 70° C

Shock 10g ½ Sinewave for 11 msec

Vibration 1mm Peak to Peak from 5 to 16Hz;  
0.5g from 16 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 Set according to I/O card installed  
position

**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 12P5404 "*DeltaV™ S-  
Series Digital Automation System Zone 2 Installation  
Instructions*". Other installation instructions are  
available in the "*DeltaV™ S-series and CHARMS  
Hardware Installation*" manual.

### Removal and Insertion

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  
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



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

