DELTAV TERMINATION

Product Data Sheet

KJ4001X1-CJ1 12P1902X032

32-channel terminal block

TERMINATION CHANNELS	INPUT VOLTAGE RATING	INPUT CURRENT RATING	EXPLOSION PROTECTION
32	**30 V DC**	**1 A**	**II 3G Ex ec IIC Gc**

Emerson KJ4001X1-CJ1 12P1902X032 is a DeltaV 32-channel terminal block that provides field wiring termination for its compatible I/O arrangement. The block connects field circuits to the associated installed card and carrier, separating the termination hardware from the active I/O electronics.

01 TECHNICAL DATA

Termination channels	32
Input voltage rating	30 V DC
Input current rating	1 A
Explosion protection	II 3G Ex ec IIC Gc
ATEX certificate	FM18ATEX0076U
IECEx certificate	IECEx FMG 18.0030U
UKEX certificate	FM21UKEX0199U
Operating temperature	-40 to +70 °C
Shock resistance	10 g, 11 ms half-sine
Vibration displacement	1 mm peak-to-peak, 2–13.2 Hz

02 ADDITIONAL PRODUCT DATA

Vibration acceleration	0.7 g, 13.2–150 Hz
Relative humidity	5–95%, non-condensing
Corrosion severity	ISA-S71.04-1985 Class G3

03 PRODUCT FUNCTION

Its input power rating is 30 V DC at 1 A. The November 2021 instruction sheet specifies -40 to +70 °C ambient temperature, 5–95% non-condensing relative humidity and ISA-S71.04 Class G3 airborne contaminants. Shock and vibration ratings are 10 g for 11 ms, 1 mm peak-to-peak at 2–13.2 Hz and 0.7 g at 13.2–150 Hz.

04 SYSTEM COMPATIBILITY

The terminal input power rating is 30 V DC at 1 A. Apply this block rating separately from the connected card ratings, and retain the documented terminal assignments and circuit segregation when routing field wiring.

05 REFERENCE

Emerson KJ4001X1-CJ1 ATEX261, November 2021

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