DELTAV

Product Data Sheet

KJ3223X1-EA1 12P2867X022

16-Channel AI Terminal Block

ANALOG INPUT TERMINAL CHANNELS	INPUT POWER RATING	AMBIENT TEMPERATURE	SHOCK RESISTANCE
16	**30 V DC at 100 mA**	**-40 to +70 deg C**	**10 g, half-sine, 11 ms**

Emerson KJ3223X1-EA1 12P2867X022 is a 16-channel analog-input terminal block for the DeltaV automation platform. It provides the documented field-termination arrangement for a compatible installed analog-input configuration.

01 VERIFIED TECHNICAL DATA

Analog input terminal channels	16
Input power rating	30 V DC at 100 mA
Ambient temperature	-40 to +70 deg C
Shock resistance	10 g, half-sine, 11 ms
Low-frequency vibration	1 mm peak-to-peak, 2 to 13.2 Hz
High-frequency vibration	0.7 g, 13.2 to 150 Hz
Relative humidity	5 to 95%, non-condensing
Airborne contaminant class	ISA-S71.04-1985, G3
ATEX equipment category	II 3G
ATEX protection marking	Ex ec IIC Gc

Values follow the applicable manufacturer documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

ATEX certificate	FM18ATEX0076U
IECEx certificate	FMG 18.0030U
UKEX certificate	FM21UKEX0199U
North American classified location	Class I, Division 2, Groups A, B, C, D
North American temperature class	T4, Class I Zone 2 AEx/Ex ec IIC Gc

03 DOCUMENTED USE SETTINGS

Chemical Production and Process Manufacturing: Industrial Chemical Production.

Petroleum Production and Natural Gas Processing: Petroleum Refining and Processing.

Electricity Generation and Industrial Energy Production: Thermal Electric Power Generation.

04 SYSTEM COMPATIBILITY

Match the KJ3223X1-EA1 and 12P2867X022 identities to the installed DeltaV analog-input arrangement. It is a 16-channel terminal block, not the analog-output IOM described by some generic listings.

05 PRODUCT EVIDENCE

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

AMIKON PRODUCT SUPPORT

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