

DELTA V S-SERIES I/O SYSTEMS

Product Data Sheet

KJ3224X1-BA2 13P0137X022

thermocouple and millivolt input card

FUNCTION	FAMILY	ORIGIN	WEIGHT
thermocouple and millivolt input card	DeltaV S-series I/O systems	United States	0.08 kg

DeltaV KJ3224X1-BA2 13P0137X022 is a thermocouple and millivolt input card for the DeltaV S-series I/O systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Input Function	Thermocouple and millivolt
Card Generation	Series 2
Local Bus Power	12 V DC at 210 mA
Ambient Temperature	-40 to +70 °C
Shock Rating	10 g half-sine for 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
Airborne Contaminants	ISA-S71.04 Class G3
Relative Humidity	5 to 95%, non-condensing
Terminal Key Position	C1

- Furnaces and Reactor Temperature Measurement Systems: Thermal signal acquisition
- Boiler Tubes and Turbine Exhaust Monitoring Panels: High-temperature monitoring
- Kilns and Heat Treatment Furnace Control Systems: Firing temperature monitoring

Match KJ3224X1-BA2 13P0137X022 to the installed DeltaV S-series I/O systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Emerson official manufacturer documentation](#)