

DELTA V S-SERIES TRADITIONAL I/O

Product Data Sheet

KC3010X1-BA2

16-channel analog input card

FUNCTION 16-channel analog input card	FAMILY DeltaV S-series traditional I/O	ORIGIN United States	WEIGHT 0.40 kg
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DeltaV KC3010X1-BA2 is a 16-channel analog input card for the DeltaV S-series traditional I/O. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Analog Inputs	16 channels
Signal Range	4 to 20 mA
Digital Protocol	HART
Local Bus Power	12 V DC at 150 mA
Bussed Field Power	24 V DC at 500 mA
Field Circuit	24 V DC at 30 mA/channel
Operating Temperature	-40 to +70 °C
Relative Humidity	5 to 95% non-condensing
Shock Rating	10 g for 11 ms
Vibration Rating	1 mm at 2–13.2 Hz; 0.7 g at 13.2–150 Hz

ADDITIONAL PRODUCT DATA

Terminal Key Position	A6
Contaminant Class	ISA-S71.04 Class G3

OFFICIAL APPLICATIONS

- Compression and metering 16-Channel Analog Input applications: Hydrocarbon Control Systems
- Boiler and turbine auxiliaries 16-Channel Analog Input applications: Generation Control Systems
- Pumping and filtration 16-Channel Analog Input applications: Utility Automation Systems

SYSTEM COMPATIBILITY

Match KC3010X1-BA2 to the installed DeltaV S-series traditional I/O, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Emerson official manufacturer documentation](#)

Local official PDF: KC3010X1-BA2.pdf

AMIKON PRODUCT SUPPORT

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