

DELTA V S-SERIES TRADITIONAL I/O

Product Data Sheet

KC4011X1-BW1

simplex AI mass terminal block

FUNCTION	FAMILY	ORIGIN	WEIGHT
simplex AI mass terminal block	DeltaV S-series traditional I/O	United States	0.35 kg

DeltaV KC4011X1-BW1 is a simplex AI mass terminal block 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

Instruction Sheet	ATEX196
Field Circuit	30 VDC at 500 mA/Ch
Ambient Temperature	-40 °C to +70 °C
Shock Rating	10 g half-sine wave for 11 ms
Vibration Rating	1 mm peak to peak from 2 to 13.2 Hz; 0.7 g from 13.2 to 150 Hz
Airborne Contaminants	ISA-S71.04 –1985 Airborne Contaminants Class G3
Relative Humidity	5 to 95% non-condensing
Terminal Key Position	A6
Insertion State	System power de-energized
Field Maintenance	No user-serviceable parts

ADDITIONAL PRODUCT DATA

Calibration

Not required

OFFICIAL APPLICATIONS

- Boiler and turbine auxiliaries Simplex Ai Mass Terminal applications: Generation Control Systems
- Pumping and filtration Simplex Ai Mass Terminal applications: Utility Automation Systems
- Batching and packaging Simplex Ai Mass Terminal applications: Production Control Systems

SYSTEM COMPATIBILITY

Match KC4011X1-BW1 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: KC4011X1-BW1.pdf

AMIKON PRODUCT SUPPORT

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