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KineticSystems

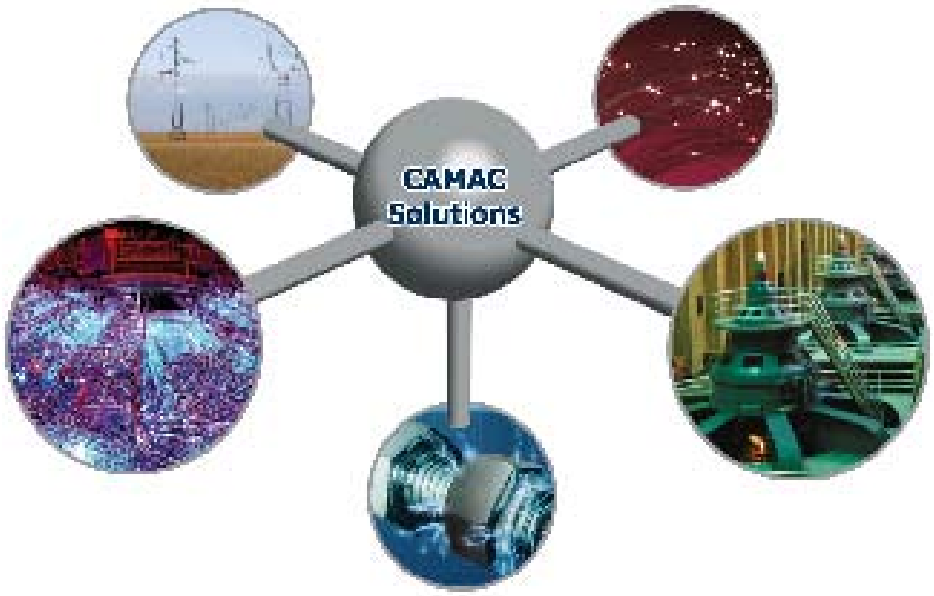
CAMAC Equipment

CAMAC, Computer Automated Measurement And Control, is an IEEE-standard (583), modular, high-performance, realtime data acquisition and control system concept.

Since 1969, CAMAC has been used in many thousands of scientific, industrial, aerospace, and defense test systems around the world.

3112

8-channel, 12-bit D/A Converter



The Model 3112 is a single-width CAMAC module for generating eight output voltages.

APPLICATIONS

Drive panel meters
Drive strip chart recorders
Drive x-y recorders
Provide set point input to servos
Provide input to programmable power supplies

FEATURES

- Eight independent analog outputs
- 10 volt output
- 12-bit resolution for each output
- 5 milliampere drive capability
- 4 microsecond settling time

GENERAL DESCRIPTION

The Model 3112 is a single-width CAMAC module for generating eight output voltages. The standard output is 0 to 10 volts at 5 milliampere maximum. A 12-bit register is provided for each channel. Strap options are provided so that the output range of each channel can be changed in the field of 0 to +5 volts, ±10 volts, ±5 volts, or ±2.5 volts, independent of the setting of the other channels. The data is two's complementary and right justified (the LSB is written from Dataway line W1). Settling time of the output to within 1/2 LSB is less than 4 microseconds. The non-linearity is less than ±1/2 LSB. The output impedance is less than 100 milliohms. Adjustments are provided for the zero and gain of each channel.

The outputs are referenced to a common ground (the module ground). In critical applications, these signals should be received by differential input circuits.

On power-up, the data registers are cleared.

ACCESSORIES

For Module	Mating Connector	Termination Panel
Model 3112-A1A	5950-Z1A	1850-A1D
Model 3112-M1A	5911-Z1A	— — —
Model 3112-P1A	5960-Z1A or Z1B	1850-P1D

ORDERING INFORMATION

3112 Products and Part Numbers

MODEL	DESCRIPTION
3112-A1A	8 Channels, 12 Bits D/A Converter, 50 s Amphenol Ribbon Connector
3112-M1A	8 Channels, 12 Bits D/A Converter, eight 2-contact LEMOS
3112-P1A	8 channels, 12 bits D/A Converter, PC edge connector

Updated December 16th, 2005

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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