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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.

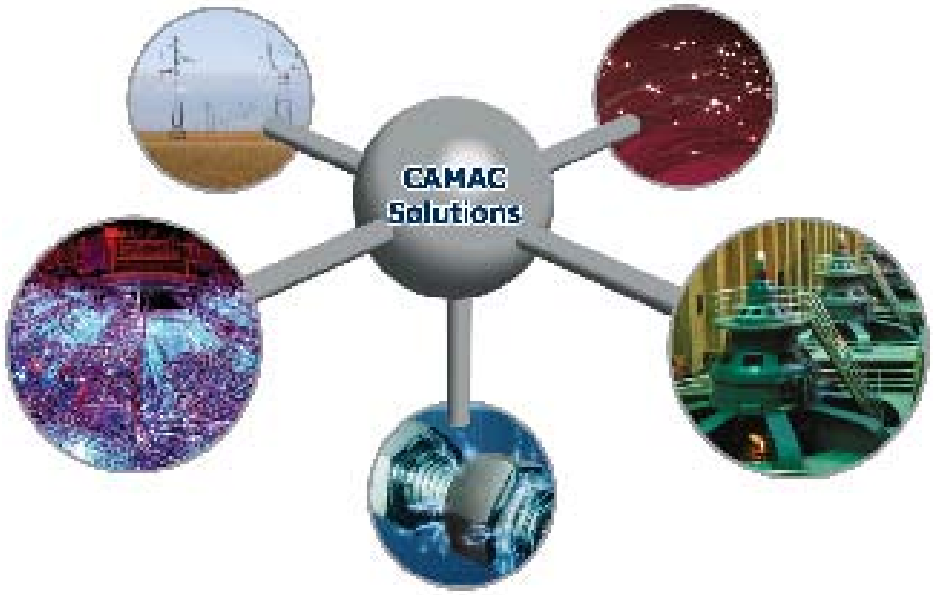
Since 1969, CAMAC has been used in many thousands of scientific, industrial, aerospace, and defense test systems around the world.

APPLICATIONS

General-purpose digital interface
Remote control applications
High-reliability industrial systems

3075

16-bit, Relay Output Register



The Model 3075 is a single-width module containing a 16-bit output register.

FEATURES

- 16 Form "C" relay outputs provided
- Bounce-free, long-life, mercury-wetted contact relays used
- Front-panel LEDs indicate state of all outputs

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GENERAL DESCRIPTION

The Model 3075 is a single-width module containing a 16-bit output register. This register drives 16 mercury-wetted contact relays. A single-pole, double-throw (Form "C") contact is wired from each relay to the front-panel connector. These outputs appear on a 50-contact ribbon or a 50-contact "D" connector. Each output is monitored by a front-panel LED so that the current pattern of operated circuits can be visually determined. The 3075 also contains an Inhibit feature that prevents the relays from operating when the Dataway Inhibit signal is asserted. The user has the option of strapping the module to bypass the Inhibit feature.

OUTPUT RATINGS

Maximum open circuit voltage:	350 VDC or peak AC
Maximum current:	2 amperes, switched or carry
Maximum switched load:	100 volt amperes
Life expectancy:	20×10^9 operations (with proper contact protection)

Note: The module must be mounted in the normal vertical position (±30°) for proper relay operation.

CONTACT PROTECTION

Because the contact protection varies with the load type, such protection is not included on the module. Highly capacitive loads, voltages below 12 volts, or currents below 65 milliamperes do not require contact protection.

ACCESSORIES

MODULE	MATING CONNECTOR	TERMINATION PANEL
3075-A1A	5950-Z1A	1850-A1D Termination Panel
3075-E1A	5934-Z1A	1850-E1D Termination Panel

ORDERING INFORMATION

MODEL	DESCRIPTION
3075-A1A	16-bit Relay Output Register with 50S Amphenol Ribbon
3075-E1A	16-bit Relay Output Register with 50P "D" Connector

Updated December 16th, 2005

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