

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 input/output register

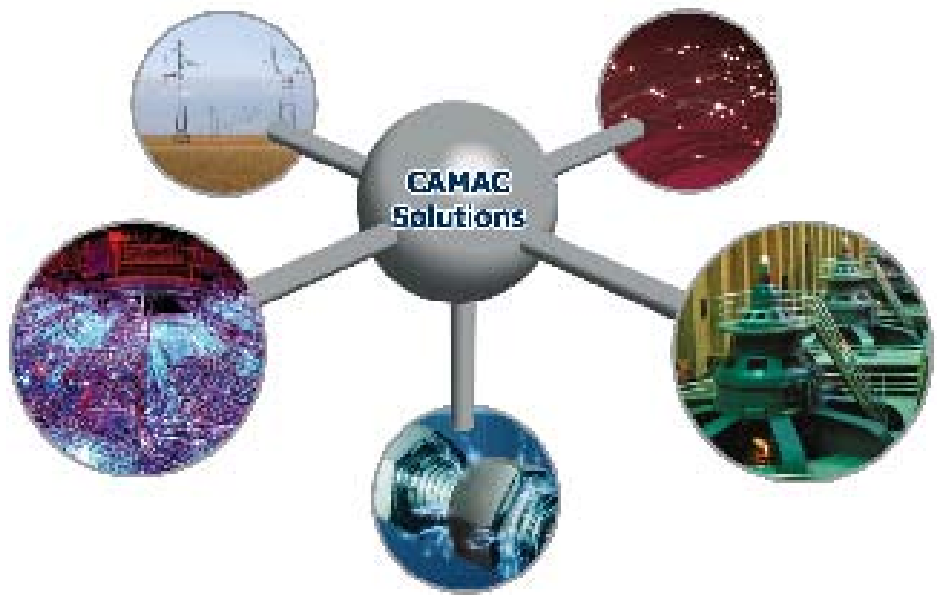
Communication link between CAMAC systems

Device interfaces

Power supply interfaces

Interface to 5209 Touch Panel Display

3063 16-bit Input Gate/Output Register



The Model 3063 is a single-width module containing a 16-bit input gate, a 16-bit output register, a 1-bit status input, and four 0.5-second pulse outputs.

FEATURES

- 16-bit Input Gate/Output Register (IGOR) with handshaking
- Four control pulses and one status bit
- Complete interrupt capability
- HTL and TTL signal options available



GENERAL DESCRIPTION

The Model 3063 is a single-width module containing a 16-bit input gate, a 16-bit output register, a 1-bit status input, and four 0.5-second pulse outputs. Full handshaking is provided for the input gate and output register. The handshake signals can be tested; they also can generate a LAM. The module can be used without handshaking, if desired.

The four pulsed control outputs can drive loads up to 100 milliamperes and +24 volts. This module can be ordered with all other signals using high threshold logic (HTL) or TTL interfaces. With the HTL option, the data and status inputs recognize logic one from 0 to 6 volts and logic zero from 8 to 15 volts.

Commands are included to write the entire 16-bit output register, to write eight bits at a time, as well as to write four bits at a time. This allows the module to drive independent 4-bit or 8-bit devices.

The 3063 is available with a 50-pin "D" or 50-contact Amphenol ribbon connector.

ACCESSORIES

| MODULE | MATING CONNECTOR | I/O Cable (one end unterminated) |
|----------|------------------|--|
| 3063-A1Z | 5950-Z1A | 5853-Axyz I/O Cable |
| 3063-E1Z | 5934-Z1A | 5851-Bxyz I/O Cable (one end unterminated) |

ORDERING INFORMATION

| MODEL | DESCRIPTION |
|----------|-----------------------------------|
| 3063-x1z | 16-bit Input Gate/Output Register |

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KineticSystems Company, LLC

900 N. State St.
Lockport, IL 60441-2200

Toll-Free (US and Canada):

phone 1-800-DATA NOW
1-800-328-2669

Direct:

phone +1-815-838-0005
fax +1-815-838-4424

Email:

mkt-info@kscorp.com

To find your local sales representative or distributor or to learn more about KineticSystems' products visit:

www.kscorp.com