

CAMAC Equipment

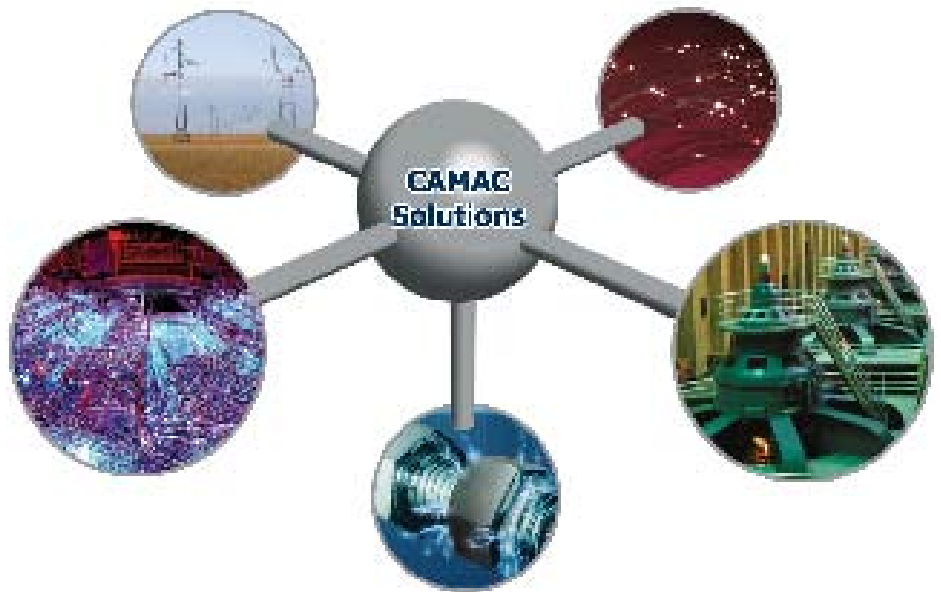
CAMAC, Computer Automated Measurement And Control, is an IEEE-standard (583), modular, high-performance, realtime data acquisition and control system concept.

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

APPLICATIONS

Circuit breadboarding
CAMAC prototype development
"Special" CAMAC module

2000 Kluge Card



The Model 2000 single-width Kluge module allows circuit breadboarding for one-of-a-kind or prototype work

FEATURES

- Complete CAMAC breadboarding kit
- Occupies only one CAMAC slot
- Pads for ICS with 0.300-inch and 0.600-inch pin spacing
- Uncommitted pad layout allows use of longer MSI and LSI ICs in circuit prototyping
- Layout provided for regulators on 24 V lines



GENERAL DESCRIPTION

The Model 2000 single-width Kluge module allows circuit bread-boarding for one-of-a-kind or prototype work. A standard CAMAC-size, double-sided PC board with connections to the Dataway and the I/O connector, it comes complete with mounting hardware. The rear I/O connector is available as a 36-position edge connector, a 52-pin "2DB," or a 25-pin "DB" connector. Two holes are available for wiring at each IC pin. The wiring is generally done on the component side with 28-gauge, "wire-wrap" type wire.

Ten rows of IC pads accommodate up to 73 standard 14-pin DIP ICs or 63 16-pin DIPs. Two rows of pads accept IC packages with 0.600-inch pin spacing. Additional rows of larger sized ICs are also accommodated by overlapping ICs between the standard sized and wider rows of pads. Uncommitted pad layout allows the use of longer MSI and LSI ICs (18, 20, 22 pin packages, etc.) in the circuit layout. Discrete components also use the IC mounting holes.

The 24 V lines from the Dataway connector are fused at 1 A. The board is provided with layouts for 7800 and 7900 series, three-terminal, positive and negative voltage regulators. The 6 V lines are fused at 3 A. Dropping diodes are provided to produce 5 volts. Ground and V power buses are provided between the IC pad rows. Filter capacitors (0.1 μ F) are provided at the top of each row of IC pads.

ORDERING INFORMATION

| MODEL | DESCRIPTION |
|------------------|--|
| 2000-D1B | Kluge Card, 52-contact DB with pins, rear I/O connector |
| 5932-Z1A | Connector (not Included) |
| 2000-F1B | Kluge Card, 52-contact 2DB with pins, rear I/O connector |
| 5942-Z1A | Connector (not Included) |
| 2000-P1B | Kluge Card, 36-contact PC Edge, rear I/O connector |
| 5960-Z1A or Z1B | Connector (not Included) |
| 2000-P2B | Kluge Card, 36-contact PC Edge, rear I/O connector, 2 PCB wide |
| 5960-Z1A or -Z1B | Connector (not Included) |
| 2000-Z2A | Kluge Card, Wire-Wrap, PC Edge connector, double width |

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