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Find the *DynamicSignals / Kinetic Systems 1502-P2C* at our website: *Click HERE*

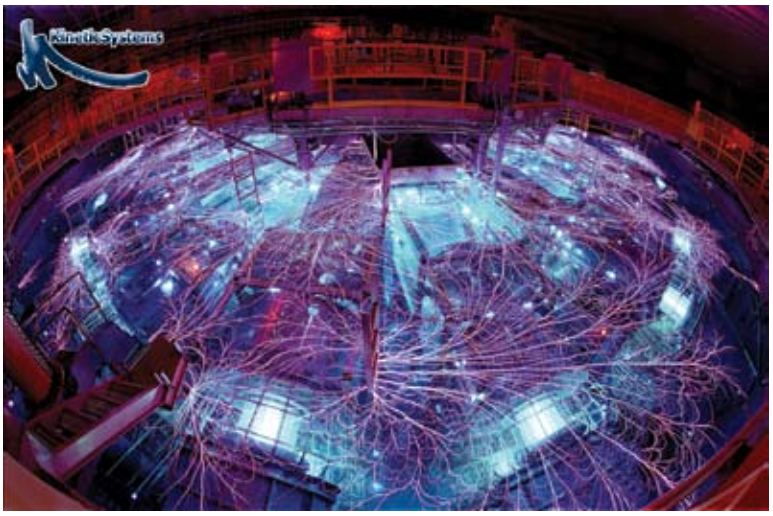
1502/10/25/72

Powered CAMAC Crates

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.



FEATURES

- Mandatory voltage (+24, +6, -6, -24) available, all models
- All units also provide ±12 V outputs
- Input voltage range selections on 1502 and 1525
- Voltage and current metering on 1502, 1525, and 1572
- 6 V capacity to 100 A (1525)

GENERAL DESCRIPTION

This series of powered CAMAC crates fully complies with CAMAC specification IEEE-583. Crates include the CAMAC Dataway with an 86-contact PC edge connector at each station. All units include one or more self-contained blowers as well as a power supply which converts the ac source to the mandatory DC CAMAC Dataway voltages (±6 V and ±24 V) and also provide the optional ±12 V outputs.

TYPE SUMMARY

Model	Description
1502	25-station crate (52 A shared on ± 6 V)
1510	12-station crate (12 A on + 6 V and -6 V)
1525	25-station crate (100 A on + 6 V and - 6 V)
1572	Similar to 1502, but with separate power supply

All crates in this series are arranged for 19-inch relay rack mounting and include module mounting holes for CAMAC only. NIM holes are only available on certain options (refer to ORDERING INFORMATION).

The Model 1502 is a full-featured, 25-station CAMAC crate. It includes a rear-mounted power supply and a front-removable fan tray. The crate can deliver up to 525 W of power. The power supply features ±6 V outputs shared to 52 A and ±24 V outputs shared to 9 A. The front panel of the fan tray includes an over-temperature warning LED, a switch-selected digital meter for monitoring all voltages and currents, and removable air-intake filters. Options are available with a rear I/O mounting bar for affixing 36-contact PC edge connectors and with a status bit on a rear LEMO connector. The Model 1572 is similar to the 1502 crate except that the power supply is mounted separately.

The Model 1510 is a 12-station crate for small CAMAC systems or remote units. The front-panel space on the right side is available for customer use. Refer to the 1507 data sheet for information on the 11-slot powered CAMAC minicrate.

The Model 1525 is a full-featured, high-power crate. Its rear-mounted power supply can deliver up to 1680 W of power. The ±6 V supplies are each rated at 100 A (for a total of 200 A), and the ±24 V supplies are each rated at 10 A. Microprocessor-based circuitry monitors and displays output voltages, currents, air flow, and temperature. If any parameter exceeds specified limits, the ac input voltage is removed. The 1525 can be supplied with a status byte output readable from the Dataway.

SERIAL PORT OPTIONS (ORDER SEPARATELY)

Model	+24 V	-24 V	Shared to	+12 V	-12 V	Shared to	+6 V	-6V	Shared to
1502/72	6 A	6 A	9 A	3 A	3 A	6 A	52 A	52 A	52 A
1510	1 A	1 A	2 A	----	----	----	12 A	4 A	16 A
1525	10 A	10 A	20 A	10 A	10 A	----	100 A	100 A	200 A

NOTES:

1. On the 1502, 1525, and 1572, the ±12 V supplies are derived from the ±24 V sources; therefore the +12 V load must be considered part of the +24 V load and the -12 V load part of the -24 V load.
2. All models provide current foldback limiting and overvoltage crowbar protection for all output voltages.
3. All power supplies are of the linear type, except for the +/-6 V supplies on the 1525, which are switching supplies.

ACCESSORIES

Model 5962-Z1A	Adapter Kit for 36-contact Rear I/O Connectors (five sets of adapter blocks)
Model 1950-001 or -002	Rack Mount Support Brackets for 1510 (pair)

SPARES - CRATES SUBASSEMBLIES

Model 1502-110	Fan Unit
Model 1502-200	Power Supply
Model 1502-310	Crate

ORDERING INFORMATION

1502/72 Products and Part Numbers	
25-slot Powered CAMAC 100/120/220 V, 50/60 Hz	1502-P3C
25-slot Powered CAMAC 100/120/220 V, 50/60 Hz with I/O mounting bar and status bit	1502-P3F
52A Power Supply for Model 1502-P3x Powered Crate	1502-250
25-slot, separate power supply, 100/120/220 V, 50/60 Hz	1572-P3C
25-slot, separate power supply, 100/120/220 V, 50/60 Hz, with I/O mounting bar and status bit	1572-P3F

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