

**Model 3824**

**Microexpansion**

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PRODUCT BRIEF -- PRELIMINARY INFORMATION

FEATURES

- \* Accepts standard LSI-11 dual-wide cards
- \* Expandable within limits of LSI-11

APPLICATIONS

- \* Stand-alone CAMAC system
- \* Remote intelligence in a CAMAC system
- \* Industrial process control
- \* Laboratory automation
- \* Local control systems
- \* Local data processing

GENERAL DESCRIPTION

The Model 3824 is a single-width CAMAC module which houses one standard LSI-11 peripheral, such as a floppy disk interface, memory board, parallel line unit interface, etc. These LSI-11 peripheral boards and more are available from KineticSystems (please refer to the 5700-series LSI-11 Microcomputer Components data sheet). The 3824 containing an off-the-shelf LSI-11-compatible module provides support to the 3923/3823 stand-alone CAMAC system. Housing the LSI-11/2 or LSI-11/23 processor, the 3823 is a single-width CAMAC module. Controlling the CAMAC Dataway, the 3923 is a double-width LSI-11 Crate Controller. System connections are made via a 50-pin front panel connector located on all three units. All necessary DEC-defined lines are included for full support of all features available on either the LSI-11/2 or the LSI-11/23 processors. Along with the 50-pin connector, two double-pin LEMO connectors are mounted on the front panel of the 3824. One is labelled GRANT IN and contains the interrupt acknowledge input (BIAKI) and the DMA grant input (BDMGI). The GRANT OUT LEMO connector contains the BAIKO and BDMGO signals.

For additional information, refer to the data sheets for the 3823 and 3923.

ORDERING INFORMATION

Model 3824-21A	Housing for one LSI-11 peripheral module
Accessories	Model 5911 Double Pin LEMO Connector Kit
	Model 5857-Dxyz Double Contact LEMO Cable
	Model 5845-series Flat Ribbon Cable Assemblies

Model 3824

Please refer to the 5700-series LSI-11 Microcomputer Components data sheet

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#### LSI-11 BOARD INSTALLATION

- 1) The 3824 should be laid down with the front panel to the right.
- 2) Remove the screws holding the top cover plate.
- 3) Remove the top cover plate.
- 4) Insert the LSI-11 peripheral board with the component side facing down (see diagram below).
- 5) Install the top cover plate.

