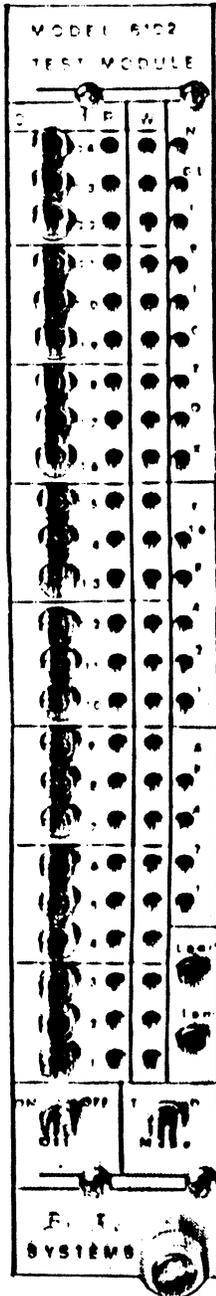


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MODEL 6102 CAMAC TEST MODULE



DESCRIPTION

The Model 6102, double width CAMAC module, is a combination of several modules. It is a dataway display module, 24 bit parameter unit, dataway test module and a programmable graded-LAM source. The module has two modes of operation, test and display, that are switch selectable from the front panel. In either mode the last dataway operation is displayed with the front panel leds. In the display mode the GL mask is disabled. In the test mode the 24 bit storage register can be loaded with an F 16 A 0 command or the front panel switches and pressing the LOAD switch. The storage register can be read with an F 0 A 0 command. The balance of the dataway signals are displayed as in the display mode. The storage register can be used as a GL source. The GL mask can be enabled with a F 26 A 14 command and disabled with an F 24 A 14 command. GL's can be generated at a 100KHz rate, switch selectable from the front panel. As a parameter unit the 24 switches can be read with an F 0 A 1 command. The push button LAM will request reading the switches. The LAM can be tested with an F 8 A 1 command. If L is set then Q = 1, if L is not set then Q = 0. The LAM is reset by the F 0 A 1 or the F 10 A 1 commands. The test module can be left in an operating system. This is possible because the L to GL programming normally done on the connector of the Type "A" controller is done in the Model 6102 test module. A cable is required between the test module and the Type "A" Controller and is supplied with the test module. The rear connector is a 2DB52P. Power requirement is +6V @1.2A.

COMMANDS

F16 A0	Load 24-Bit register.
F0 A0	Read 24-Bit register.
F0 A1	Read 24 switches on front panel.
F8 A1	Test LAM, if present Q=1.
F10 A1	Reset LAM.
F26 A14	Enable GL Mask.
F24 A14	Disable GL Mask.