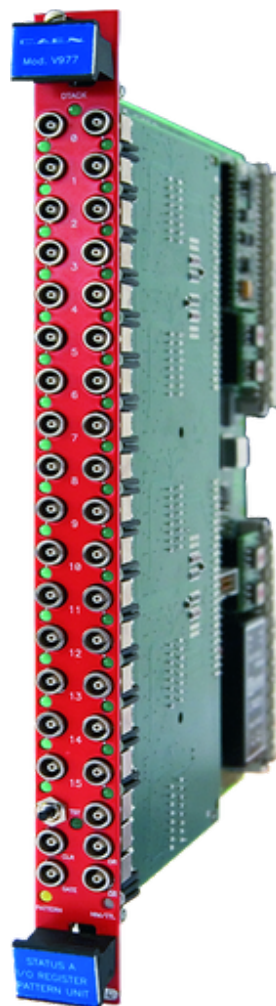
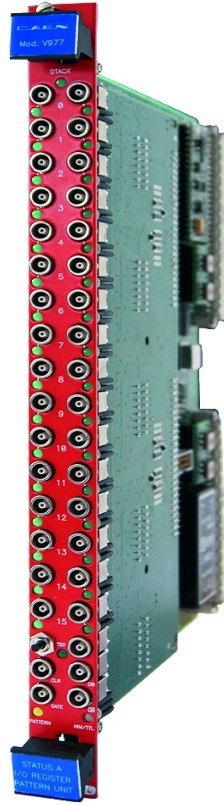


V977

16 Channel Input/Output Register (Status A)



Features



- NIM and TTL inputs/outputs
- Individual channel enabling/disabling
- Software Input/Output generation
- Fully programmable RORA Interrupter
- Pushbutton TEST signal
- Status A capabilities
- Live insertion

Description

The **Mod. V977** is a **1-unit wide VME module** that can work either as **16 channel** general purpose I/O Register or as Multihit Pattern Unit; the operating mode is selected via VME and is signalled via front panel LEDs. The module has 16 Inputs/Outputs; an on-board switch allows to select between NIM and TTL output signals, NIM and TTL input signals are both accepted; 2 Leds signal the I/O status of each channel. The module features an additional channel (TEST CHANNEL), which allows to send a test pulse via a front panel pushbutton. Input channels can be individually/globally masked via VME or globally via a front panel GATE input. The channel status can be cleared either via VME or via the front panel common CLEAR input. The channels global OR and /OR outputs are available as front panel signals and can be eventually masked. GATE and CLEAR signals can be either NIM or TTL; OR and /OR can be set at NIM or TTL level in the same way of the output channels.

The module houses also a fully programmable VME RORA INTERRUPTER that generates a VME interrupt request when the OR of a selected set of output channels has a TRUE status. Live insertion is supported.

Technical Specifications

Packaging

1-unit wide, 6U high VME module

Input channels

16 + 1 TEST CHANNEL, NIM/TTL, 50 Ohm

Output channels

16, NIM/TTL (selectable), to be terminated on 50 Ohm

Minimum input width

2 ns

I/O delay

T.B.D.

Double pulse resolution

5 ns

Output rise/fall time

NIM: 1/1 ns; TTL: 3/3 ns

Power Requirements

+5 V (current absorption 2.3A)

Ordering Options

Code	Description	
WV977XBAAAAA	V977B - 16 Channel I/O Register (Status A) no JAUX	RoHS

Related Products

VME8011



7U 21 Slot VME64 Low Cost Crate

VME8004X



2U 4 Slot VME64X Mini Crate

VME8100



8U 21 Slot VME64/64X Enhanced Crate Series

NV8020A



7U CRATE VME/NIM 8 slot VME64 365W, 5 slot NIM 150W

VME8008X



4U 8 Slot VME64X Mini Crate

VME8004B



2U 4 Slot VME64 Mini Crate

VME8010



7U 21 Slot VME64 Low Cost Crate

VX4718



VME to USB 3.0/Ethernet/Optical Link Bridge

VME8200



9U 21Slot VME64X Enhanced Crate series

VME8002



5U 9 Slot VME64 Mini Crate

VME8008XB

VME8001



1U 2 Slot VME64 Mini Crate

V3718



VME to USB 2.0 / Optical Link Bridge

VX3718



VME64 to USB 2.0/Optical Link Bridge

VME8008B



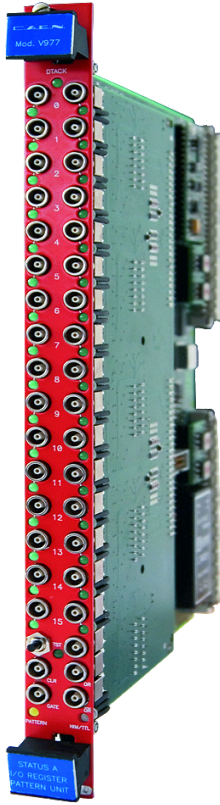
4U 8 Slot VME64 Mini Crate

V4718



VME to USB 3.0/Ethernet/Optical Link Bridge

Gallery



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