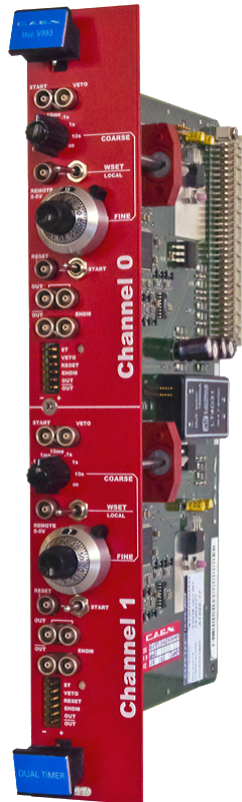


V993C

Dual Timer



Features



- Dual triggered gate generator
- Manual or pulse triggered START (NIM, TTL or ECL)
- Monostable (re-trigger) or bistable operation
- NIM, TTL and ECL output pulses from 50 ns to 10 s
- Manual or pulse triggered RESET
- (NIM, TTL and ECL) END-MARKER pulse
- VETO input

Description

The CAEN **Mod. V993C Dual Timer** is a **2-unit VME module housing two identical triggered pulse generators**.

The module produces NIM/TTL (NIM/TTL selection is performed via an on-board switch) and ECL pulses whose width ranges from 50 ns to 10 s when triggered. Output pulses are provided normal and negated. Timers can be re-triggered with the pulse end marker signal, a short pulse occurring at the end of each output pulse.

The coarse adjustment of the output width is provided via a 9-position rotary switch, the fine adjustment can be performed via either 15 turn dial handle (with lock) or by providing an external voltage.

LEMO connector

2-unit wide VME 6U for Mod. V993C

Consult our **connectors reference page** for technical information.

The trigger START can be provided via either an external signal (NIM, TTL or ECL) or manually via a front panel switch.

The module features also VETO and RESET input signals.

RESET is also available on a front panel switch.

The V993C is equipped with LEMO 00 connectors for NIM/TTL signals and male pin couples for ECL signals.

Technical Specifications

Packaging

2U-wide VME unit

Output / Section

OUT: NIM/TTL signal with a Fan-Out of 2, ECL signal
/OUT: negated NIM/TTL signal, ECL signal

Output width

50 ns ÷ 10 s (NIM, TTL and ECL)

WSET (width set voltage)

0 ÷ 5 V d.c.

START/OUT delay

<25 ns

RESET delay

~30 ns: the timing cycle stops ~30 ns after the RESET pulse is sent

Rise/Fall Time

<2 ns

Thermal stability

-60 ppm/°C

Ordering Options

Code	Description	
WV993XCAAAA	V993C - Dual Timer (no JAUX)	RoHS

Related Products

NV8020A



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

VME8004X



2U 4 Slot VME64X Mini Crate

N93B



Dual Timer

VME8011



7U 21 Slot VME64 Low Cost Crate

VME8008X



4U 8 Slot VME64X Mini Crate

VME8100



8U 21 Slot VME64/64X Enhanced Crate Series

VME8010



7U 21 Slot VME64 Low Cost Crate

VME8008B



4U 8 Slot VME64 Mini Crate

VME8001



1U 2 Slot VME64 Mini Crate

DT993



Desktop Dual Timer

VME8004B



2U 4 Slot VME64 Mini Crate

VME8200

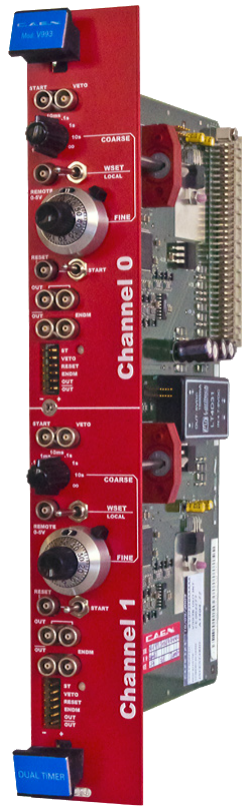


9U 21Slot VME64X Enhanced Crate series

VME8002



5U 9 Slot VME64 Mini Crate



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