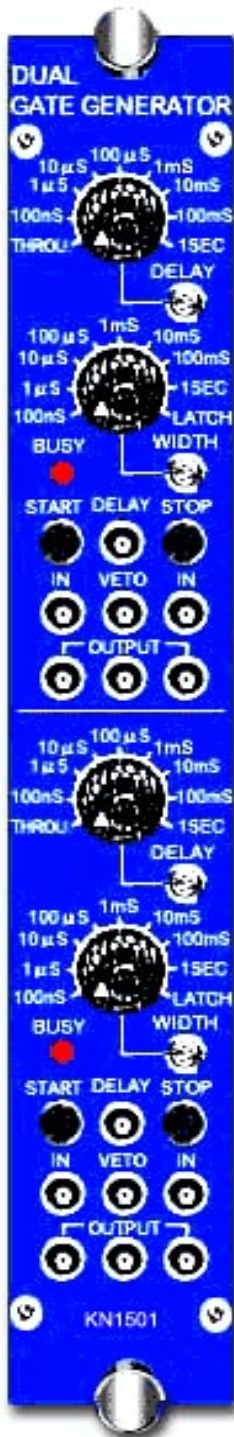


DUAL GATE GENERATOR (Universal output)



«ABSTRACT»

- ◆ This module outputs the signal that has the specified delay time and pulse width in proportional to the input signal.
- ◆ The input signal and output signal are based on NIM standard of AEC. (Atomic Energy Commission US)

«Specifications»

Input characteristics ;

- ◇ Impedance : 50 Ω
- ◇ START : 1 × 2ch NIM
- ◇ STOP : 1 × 2ch NIM
- ◇ VETO : 1 × 2ch (at more than -450mV signal, It inhibits all outputs.)

Output characteristics;

- ◇ OUTPUT : 3 × 2ch NIM or TTL(50 Ω), Polarity selectable
- ◇ Impedance : 50 Ω
- ◇ Delay time : 40nS ~ 1.2S variable continuously
THROU : 15nS fixed
- ◇ Pulse width : 20nS ~ 1.2S variable continuously
- ◇ LATCH : It outputs the pulse signal which pulse width has the time difference between START input signal and STOP input signal.
- ◇ Risetime, Faltime : Approx. 1nS

- ◆ Input and output connector : Standard LEMO connector.

- ◆ Packaging : NIM standard single-width module.

- ◆ Consumption current : -6V Approx. 1.1A
+6V Approx. 200mA
-24V Approx. 50mA



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