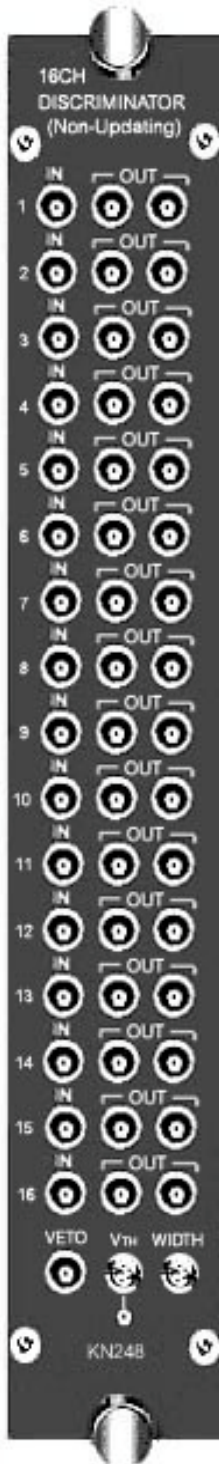


16CH DISCRIMINATOR (Non Updating)



《ABSTRACT》

- ◆ This module is a waveform discriminator.
- ◆ This module has 16 channels that each channel has 1 input and 2 outputs in 1 channel.
- ◆ It can adjust the input threshold level on front panel in the same method in all channels.
- ◆ The output signal is based on NIM standard.

《Specifications》

Input characteristics ;

- ◇ Number of inputs : 1×16 ch
- ◇ Impedance : 50Ω
- ◇ Threshold level : Approx. $-20\text{mV} \sim -800\text{mV}$ (with check terminal)
- ◇ VETO input (rear panel) : When more than $-450\text{mV} / 50 \Omega$
It is inhibited the output of all channels.
- ◇ GATE input (rear panel) : VETO operation by TTL low level signal.

Output characteristics ;

- ◇ Number of output : 2×16 ch
- ◇ Pulse width : Approx. $5\text{nS} \sim 150\text{nS}$ / adjustable on front panel
- ◇ Risetime : Approx. 1.2nS
Falltime : Approx. 1.2nS

- ◆ Input and output connector : Standard LEMO connector.

- ◆ Packaging : NIM standard single-width module.

- ◆ Consumption current
 - -6V : Approx. 3.9mA
 - $+6\text{V}$: Approx. 0.7mA
 - -12V : Approx. 20mA
 - $+12\text{V}$: Approx. 3mA



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