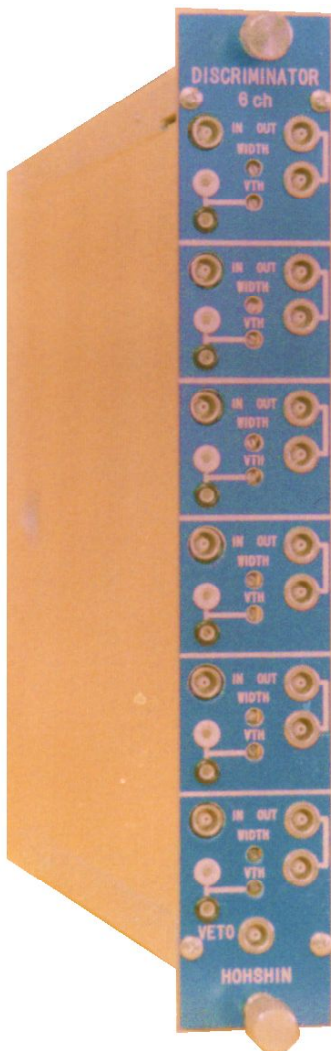


N I M

6 c h D i s c r i m i n a t o r I n d i v i d u a l A d j u s t m e n t t y p e

N O 2 3



- ◎ The high-speed comparator is used.
(Operating Frequency 100MHz)

- ◎ Threshold is independently tunable for each channel.

- ◎ Output Width can be adjusted together in all the channels.

(Also individually, Output Width can be set up internal volume.)

- ◎ The digital NIM standard signal of the width decided when an analog signal got over Threshold is output.

The 4-channels type (N008) of the same specification is also manufactured.

< Specifications >

Input

Impedance : a direct couple with 50Ω Lemo connectors
Threshold : -20m V ~ -240m V
adjusts by the volume of the front pannel.
independently tunable for each channel.
a monitor pin is in each channel.

Minimum input width : 2nSec (> 100m V)

Input protection : more than +0.7V, against less than -6V,
protection by the diode

A maximum input rate : 60MHz

VETO input (output In hibit signal)

Impedance : 50Ω
Voltage : NIM standard signal

BIN GATE input (accepted rear NIM connector.)

Impedance : 1.3KΩ
Voltage : TTL signal
Switching : by the rear surface switch, ON/OFF

Output

Impedance : 50Ω
Signal level : NIM standard conformity
Level 0 0 mA (0 V)
Level 1 - 1.6 mA (> 800m V)

Internal output adjustment width : 10nSec ~ 220nSec
The outside output adjustment width : ±25%

Rise time : less than 2nSec
Fall time : less than 2nSec

Form : NIM 1 width

Power supply : + 6 V 1 0 0 mA
- 6 V 8 0 0 mA

Approve it because specifications and so on that it is refused are sometimes changed.

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