

N89

NIM - TTL - NIM Adapter



Features



- 8 NIM-TTL, 8 TTL-NIM translator channels
- Less than 10 ns input/output delay
- 60 MHz max. operating frequency
- No duty-cycle limitations

Description

The **Mod. N89** is a one unit wide NIM module housing two sections of 4 NIM to TTL converters and two sections of 4 TTL to NIM converters. All inputs are DC coupled.

On each section, a front panel switch allows logic inversion of the output signals.

The unit is capable of driving remote 50 Ohm loads with minimum signal degradation. Fast rise and fall times (2 ns) ensure reliable performance at minimum pulse width (10 ns) and maximum frequency (60 MHz).

Technical Specifications

Packaging

One unit wide NIM module.

Inputs

8 channel, 50 Ohm impedance

Min. input pulse width

10 ns (NIM-TTL) ; 12 ns (TTL-NIM)

Output pulse amplitude

> 2 V (NIM-TTL); 800 mV (TTL-NIM)

Rise- and fall-time

< 3 ns (NIM-TTL); < 2 ns (TTL-NIM)

Input-Output delay

< 8 ns (NIM-TTL); < 10 ns (TTL-NIM)

Max. operating frequency

60 MHz (NIM-TTL); 40 MHz (TTL-NIM)

Ordering Options

Code	Description	
WN89XAAAAAA	N89 - NIM-TTL-NIM Adapter	RoHS

Related Products

NIM8304



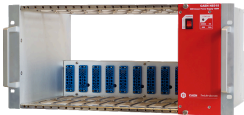
7U 12 slot smart fan unit Switching 2000 W Crate

NIM8303



5U 12 slot 300/600 W Crate

NIM8302



5U 10 slot 150 W Compact Crate

NIM8305



2 Slot Switching 450 W Mini Crate

NIM8302P



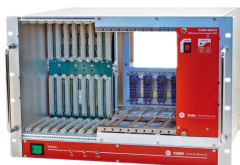
5U 5 slot 150 W Portable Crate

NIM8306



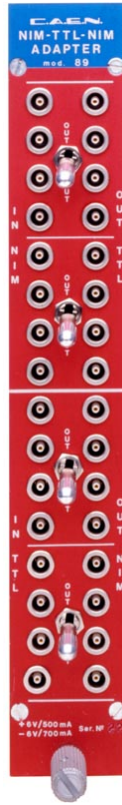
2 Slot Switching 750 W Mini Crate

NV8020A



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

Gallery



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