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Find the *L-3 Communications NDS-800-159-1* at our website: *Click HERE*

NDM-1264-2
NETDAS - 64 CHANNEL DISCRETE MULTIPLEXER



OVERVIEW

The NDM-1264-2 Discrete Multiplexer is used to monitor up to 64 discrete inputs and output them into four 16 bit words. Each input has a unique programmable threshold and can also be programmed to give a one out or a zero out for a high input. Additionally, each input can be programmed as to which word and which bit position in that word the input appears in the output. For less then 16 bits per word, an extended read option exists to read the remainder of the word.



24 of the inputs also have a place for a 10 Kilo-ohm termination resistor to ground. These are in groups of eight and a module option (at time of order) can add these terminations as required.

SPECIFICATIONS

Number of Input Channels	64
Input Range	+/-150V (normal)
Input Impedance	1 Mohm minimum (normal), 10 Kohm (option)
Threshold	Each channel threshold independently programmable from –10V to +10V.
Threshold Level	+/- 5% of full scale over all conditions.
Inverted Output	Each channel can be programmed for inverted output.
Output Location	Any input bit can be mapped to any bit in any of the four output words
Number of Output Words	4
Word Size	16 Bits. For format word lengths less than 16 bits, the module supports extended read to allow each word to be output over two consecutive word locations.

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