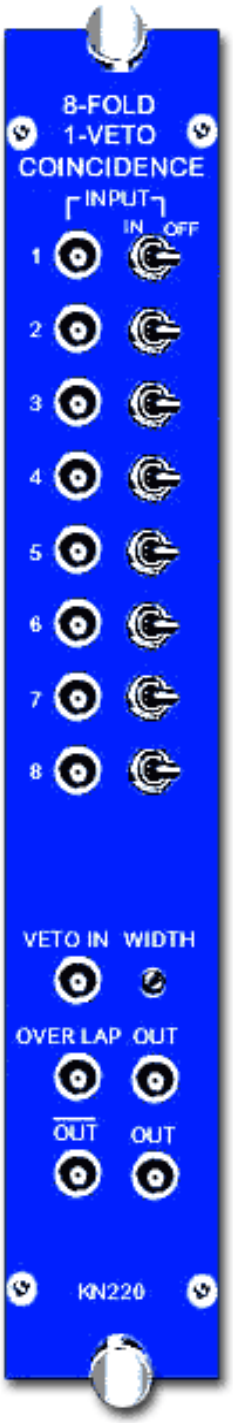
NIM Module

Model KN220

8-FOLD 1-VETO COINCIDENCE



≪ABSTRACT≫

◆This module is developed for use of the test of the particle physics and nuclear physics that treat high speed and great quantity data.

◆The input and output signal is based on NIM standard of AEC. (Atmic Energy Commission US)

≪Specifications≫

Input characteristics;

◇INPUT : 8CH/with IN－OFF switch for AND logic
◇VETO : 1
(When the input signal is about −450mV, All inputs are inhibited.)

Output characteristics ;

◇OUT : 3(One of the three is inverse polarity.)
◇Pulse width : 6nS～100nS(by the front panel variable resister)
◇Risetime,Falltime : Approx.1nS
◇OVER LAP : 1

◆When output pulse width is 6nsec,maximum cycle frequency is 52MHz.

◆As this module uses update method circuit for the input signal, even if input wide pulse, it is not affected by multi-path.

◆Input and output connector : standard LEMO connector

◆Packaging : NIM standard single-width module

◆Consumption current: ＋6V Approx.75mA
－6V Approx.350mA
－12V Approx.260mA

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