

NCB214 - FAST COINCIDENCE MODULE

The one unit wide NIM module NCB214 has 2 channels fast coincidence circuit. Each channel has 4 selectable inputs, VETO input, positive and negative outputs. Each channel can work in OR function or AND function. The function by switch on front panel is selected. Output pulse width is regulated by trimmer on front panel in ranges from 20 ns up to 3µs.

PERFORMANCE

Input	NIM signal, 50 Ω impedance, minimum pulse width 4 ns
Output	NIM signal, pulse width from 20 ns to 3 μ s
Logic unit delay	Double pulse resolution: 5 ns; Minimum coincidence overlap: 4 ns
VETO	NIM signal, 50 Ω impedance, minimum pulse width 10 ns

POWER SUPPLY REQUIREMENTS

The module has NIM standard power supply.

P. Voltage (V)	Current/ch (mA)
+6	50
-6	780

DIMENSIONS

dimensions	3,43x22,13 cm per DOE/ER-0457T
weight	0,75 kg

