

# Hex Analog Delay L1010

To be used as a linear delay between the output of a spectrometric amplifier (ORTEC 490, etc) and the input a CAMAC Peak Sensitive ADC, such as EG&G AD811S or LRS2259.

Input: positive, negative or bipolar pulses  
max. amplitude  $\pm 10V$   
input resistance  $650\ \Omega$   
rise-/full-time  $> 300\ ns$

Output:  $\pm(\mp) 2V$  on  $50\ \Omega$  (switchable internal termination) for  $\pm 10V$  input.  
 $0.75$  or  $1.5\ \mu s$  delay (internal switch)  
polarity: inverted or not inverted (internal switch)  
DC-coupled; output zero level adjustable  
short-circuit proof.

6 identical channels in a one-unit-width NIM module  
Power supply:  $+12V/ca\ 60mA$ ;  $-12V/ca\ 60mA$   
Miniature  $50\ \Omega$  connectors

JFL

9th March, 1978

Institut de

PHYSIQUE NUCLÉAIRE

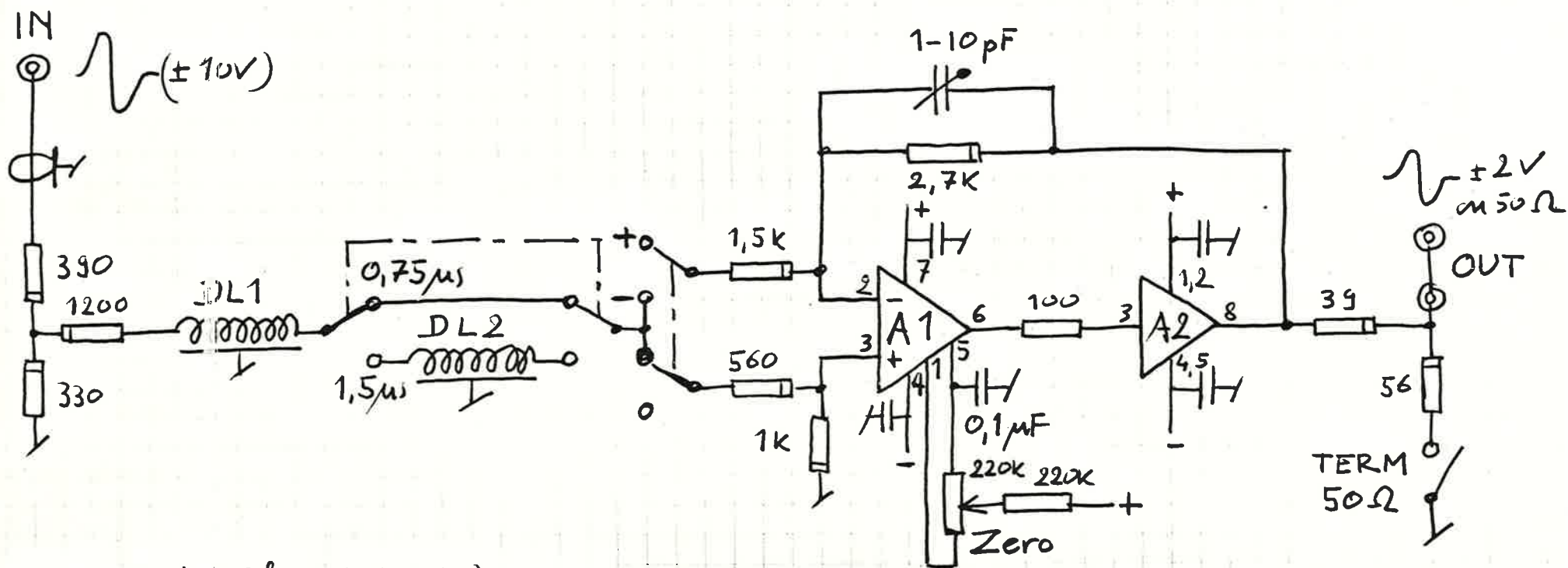
Université de Lausanne

Bâtiment des Sciences Physiques

Dorigny,

1015 LAUSANNE ☎ 021. ~~200.00~~

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Meta film (1% tol.) resistors

All unmarked capacitors 10 nF ceramic

DL1,2 : SPRAGUE WE 3600.Z.149  
(1.5kΩ / 750 ns)

A1 : LM 318 H

A2 : LH 0002 CM

Hex Analog Delay L1010 : diagram (one channel)