

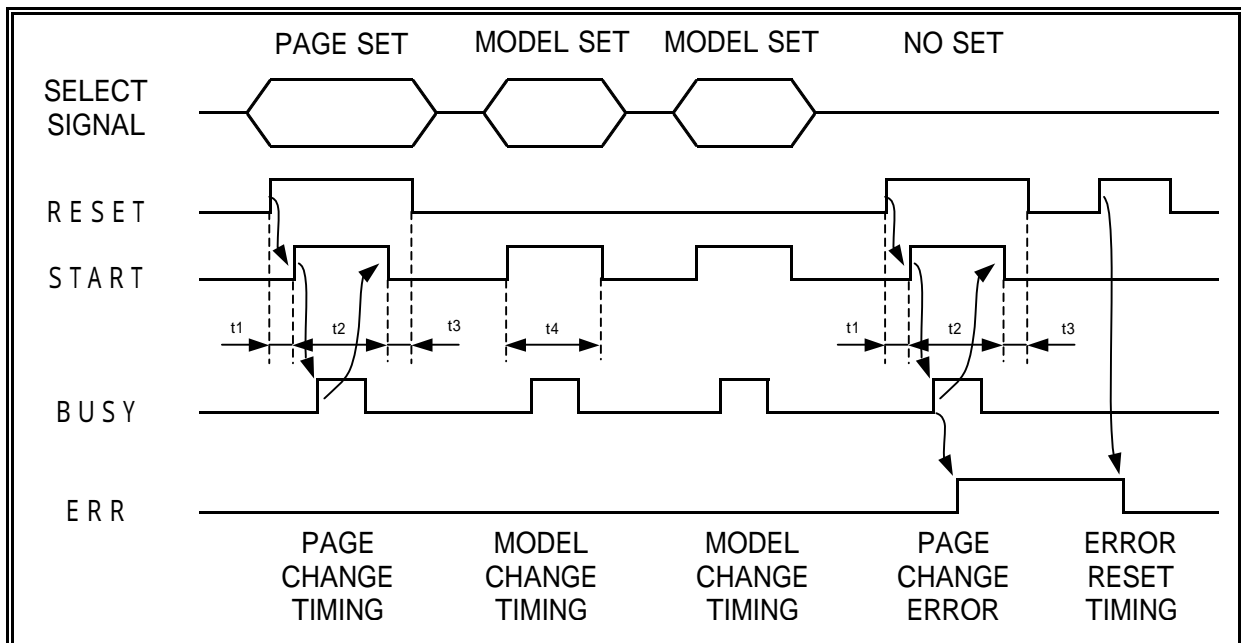
**IMPULSE WINDING TESTER :**  
**PAGE CHANGE PROCEDURE OF THE B-RAM BOARD IN EXTERNAL CONTROL**

If the Impulse Tester is equipped with the B-RAM Board (HP-30872A), the page change of an extended memory can be operated from external control.

**1) EXTERNAL CONTROL SIGNAL (CONTROL)**

NAME	Pin No.	SIGN	FUNCTION
SELECT SIGNAL INPUT PAGE/MODEL		SEL1	Input the PageNo. or Model No. according to the following timing chart.
		SEL2	
		SEL3	Input the BCD code (active LO) to indicate SEL1 as LSB.
		SEL4	
RESET INPUT		RESET	Carry out the PAGE CHANGE. according to the following timing chart.
START INPUT		START	
BUSY OUTPUT		BUSY	Operate as for handshaking in Page Change.
ERROR OUTPUT		ERR	
OUTPUT COMMON			OUTPUT GND
INPUT POWER SOURCE			Input DC Power Supply + (Plus) Side (External Supply + 2.4 V or + 5 V)

**2) TIMING CHART**



### 3) CONTROL CONDITION

- t1 = 1 mSec and over
- t2 = 10 mSec ~ 50 mSec
- t3 = 1 mSec ~ 50 mSec
- t4 = 10 mSec ~ 50 mSec

### 4) PAGE CHANGE PROCEDURE

- 1) Activate the RESET Signal.
- 2) After 1 mSec or more has passed, activate the START Signal.
- 3) Check the BUSY Signal.
- 4) Inactivate the START Signal.
- 5) After 1 mSec or more has passed, inactivate the RESET Signal.
- 6) The extended memory page will be switched.

- \* During the page selection, please make sure to activate the signals in the correct order:  
RESET Signal START Signal.
- \* If there is an error in the select signal, the ERR output signal will be active, and will be made inactive by the RESET input.

### 5) CONFIRM THE WORK

To confirm the work, operate the Impulse Tester manually.

- 1) Change the Impulse Tester to manual mode.
- 2) Press the [=] key.

- \* You can see the changed page by the external control on the CRT.

- \* If the B-RAM Board is not equipped, [EXT MEMORY NOT EFFECTIVE] will appear on the CRT and the page change will be cancelled.

- 4) Press the [SET] key.
- 5) The confirmation will be completed.