

TRNSYS Type 817 „Timer or Time Delay“

Version 1.0, Michel Haller, 21.02.2010

1 Summary

This Type uses a trigger signal to set an output value for a specified time after the trigger signal has first appeared or after the trigger signal has last appeared.

2 Parameter-List

<i>Nr.</i>	<i>short</i>	<i>explanation</i>	<i>unit</i>	<i>range</i>
1	MoT1	Mode for timer 1: 1 = count from first trigger signal on; 2 count from last trigger signal on	--	[1;2]
2	dtT1	time for timer 1	[h]	[0;inf]
3-10	MoT2, dtT2 – MoT5, dtT5	same for timers 2-5		

3 Input-List

<i>Nr.</i>	<i>short</i>	<i>explanation</i>	<i>unit</i>	<i>range</i>
1	triSig	trigger signal; on when > 0 (has to be a variable, no number)	any	[0;+inf]
2-5	triSig2 - 5	trigger signals 2 to 5 (has to be a variable, no number)	any	[0;+inf]

4 Output-List

<i>Nr.</i>	<i>short</i>	<i>explanation</i>	<i>unit</i>	<i>range</i>
1-5	Bot1 ... Bot5	timer on (1) or off (0) for timers 1 to 5	any	[0,1]
6- 10	tTimer1 – tTimer5	time elapsed for timers 1 to 5	h	[0;+inf]