Switch-on delay



The digital signal x must have the value "1" without any interruption during the time T before output v changes to "1".

nxxxx

T1 T2



Switch-off delay



The digital signal x must have the value "0" without interruption during the time T before output v changes to "0".



Delay (switch-on and switch-off)



The digital signal x must have the value "1" without interruption during time T_1 or must have the value "0" during time T_2 before output y changes its signal state



DXXXX

PT1 element

Delay element, first order.

pxxxx = time constant

PT2 low pass



Transfer function



2nd-order filter (bandstop/general filter)



The following applies to I = 0 signal: $y = x_1$

y i									
1	2	3	4	5	6	7		8	
DO: All objects					fp_1024_51_eng.vsd	Function diagram		- 1024 -	
Explanations for the function diagrams - Explanation of the symbols (Part 3)					08.05.07 V02.05.00	SINAMICS			