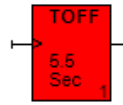


Function Block 31 OFF-Delay Timer

Function Description

This function supplies a de-activation delay for logic signals. The time delay is determined at design time with a range from 0.1 to 1638.4 seconds, in 0.1 second increments. The input can be inverted.

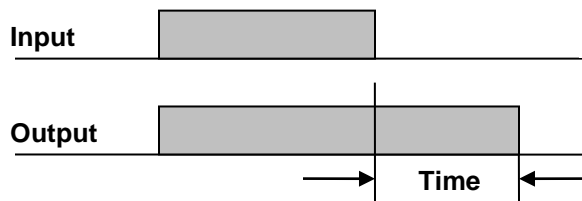


Popup Parameters

- Time value.
- Execution sequence number.

Description of operation

The operation of the OFF-Delay timer is best described with the following signal diagram.



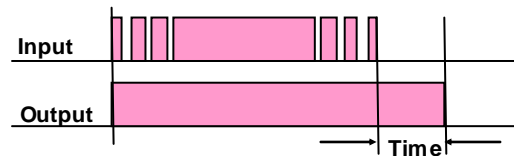
The input signal must stay low for 'Time' before the output signal will go low.

Inputs and Output

Type	Description	Data Type	Range
Input	Input signal	BIT	0, 1
Output	Output signal	BIT	0, 1

Application

Function Block 31 is used in logic where a de-activation delay is required. The following figure shows how the function block can be used to prevent jittering.



Notes:

Function block 31 can be executed in Cycle and Time tasks.