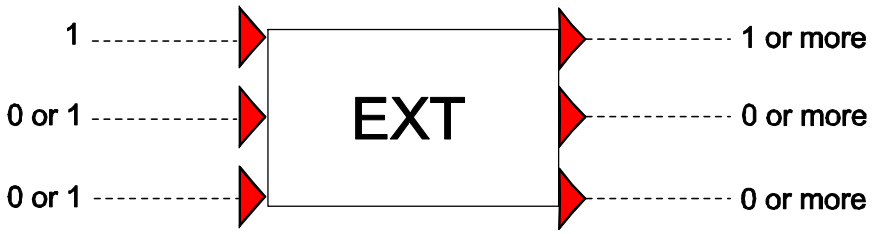
NAME

Symbol



Purpose

Allows control signals to be processed via an external (EXT) Matlab function.

Procedure

One, two or three control signals are given as input to the EXT component. These input signals are individually processed by a Matlab function (written by the user) and output by the EXT component.

Parameters

Parameter	input	unit	range	default	remarks
Lower bound input 1	real	[-]	[-1e8, 1e8]		
Upper bound input 1	real	[-]	[-1e8, 1e8]		
Lower bound input 2	real	[-]	[-1e8, 1e8]		
Upper bound input 2	real	[-]	[-1e8, 1e8]		
Lower bound input 3	real	[-]	[-1e8, 1e8]		
Upper bound input 3	real	[-]	[-1e8, 1e8]		
Lower bound output 1	real	[-]	[-1e8, 1e8]		
Upper bound output 1	real	[-]	[-1e8, 1e8]		
Lower bound output 2	real	[-]	[-1e8, 1e8]		
Upper bound output 2	real	[-]	[-1e8, 1e8]		
Lower bound output 3	real	[-]	[-1e8, 1e8]		
Upper bound output 3	real	[-]	[-1e8, 1e8]		

Remarks

The Wanda case and the Matlab script need to run simultaneously. This can be done as follows: Start the Matlab script. This script will wait and listen for Wanda unsteady for a period of x seconds. During this period Wanda unsteady should be executed. Wanda and Matlab will then exchange data between them until Wanda unsteady finishes.

Example

None.