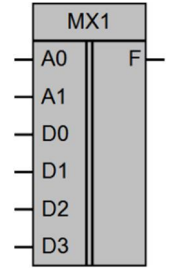


Multiplexer MX



Input	Data type	Description
A0	BOOL	Control input 1
A1	BOOL	Control input 2
D0	BOOL	Input 0
D1	BOOL	Input 1
D2	BOOL	Input 2
D3	BOOL	Input 3
Output	Data type	Description
F	BOOL	Output

Function

The macro selects 1 of 4 digital input signals (D0..D3) and sets the output to the state of the selected input according to the combination of the control signals A0 and A1.

Truth table

A0	0	1	0	1
A1	0	0	1	1
F	D0	D1	D2	D3

Devices	PR110, PR114, PR200
Version	1.0
Last modification	8.03.2015