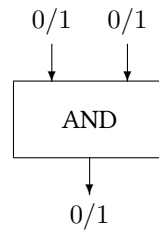


Block AND

The AND block checks whether its first and second inputs are both equal to one (true).



Name	AND
Function	fb0030
Inputs	2
Outputs	1
Parameters	0
Strings	0
Group	S

Inputs

- 1 Any value x_1 close to one or zero
- 2 Any value x_2 close to one or zero

Outputs

- 1 y is set to one if x_1 and x_2 are $\in [0.5, 1.5)$ otherwise y is set to zero

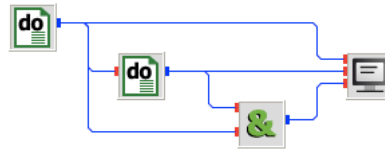
Parameters

None

Strings

None

and.vseit



Two nested [DO](#) blocks with initial value 0, final value 1 and increment 1 are linked to an [AND](#) block. The result is displayed by the [SCREEN](#) block.

0.0	0.0	0.0
0.0	1.0	0.0
1.0	0.0	0.0
1.0	1.0	1.0

See also Blocks [OR](#), [XOR](#).