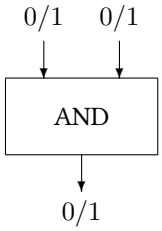
Block AND

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

AND



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

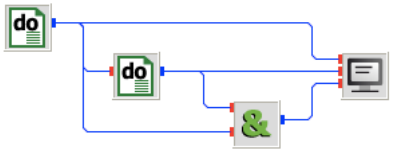
Parameters

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.