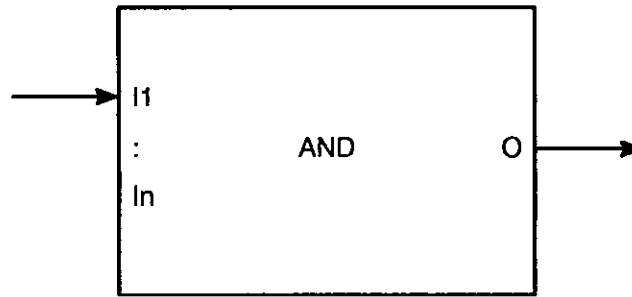


8.0 AND

This function can be used in AutoMax Control Block tasks and UDC Control Block tasks.



Maximum 'n' = 8

Function

OUTPUT = INPUT1 and ... INPUTn

Program Statement

```
CALL AND (INPUT1=input1@,           &  
          INPUTn=inputn@,           &  
          OUTPUT=output@)          &
```

Inputs

I1 (INPUT1) =

Signal input 1, type BOOLEAN. This parameter must be specified.

In (INPUTn) =

Signal input n, type BOOLEAN. This is an optional parameter. A maximum of 8 inputs can be specified.

Outputs

O (OUTPUT) =

Data output, type BOOLEAN. This parameter must be specified. If all specified inputs are TRUE then OUTPUT will be TRUE.

Notes

1. The inputs programmed must be contiguous beginning with input 1. A compilation error will occur if this requirement is not met.