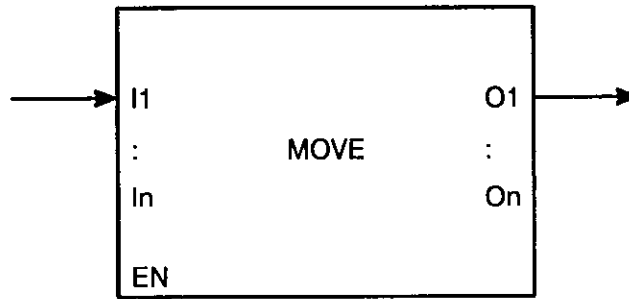


17.0 MOVE

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



Maximum 'n' = 8

Function

```
If ENABLE = TRUE then
    OUTPUT1 = INPUT1
    :
    :
    OUTPUTn = INPUTn
```

Program Statement

```
CALL MOVE (ENABLE=enable@,                                &
           INPUT1=input1%, OUTPUT1=output1%, ...          &
           INPUTn=inputn%, OUTPUTn=outputn% )
```

Inputs

EN (ENABLE) =

Enable input, type BOOLEAN. This is an optional parameter. The default is TRUE. When ENABLE is TRUE the values read at the input(s) are transferred to the corresponding outputs. When ENABLE is FALSE, the outputs are not updated, i.e., the values will remain unchanged from the previous scan.

I1 (INPUT1) =

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

In (INPUTn) =

Signal input n, type INTEGER. This is an optional parameter. A maximum of 8 inputs can be specified. Unused inputs are ignored. Each specified input must have a corresponding output.

Outputs

O1 (OUTPUT1) =

Data output 1, type INTEGER. This parameter must be specified.

On (OUTPUTn) =

Data output n, type INTEGER. This is an optional parameter. The number of outputs specified must equal the number of inputs.

Notes

1. The order in which the input/output pairs are entered is unimportant. However, for every INPUT(n) programmed, an OUTPUT(n) must also be programmed. In addition, all input/output pairs must be contiguous beginning with input/output pair 1. If these requirements are not met, a compilation error will occur.
2. When ENABLE is FALSE, the outputs are not updated. Therefore if an output is forced and then unforced it will not return to its original value.