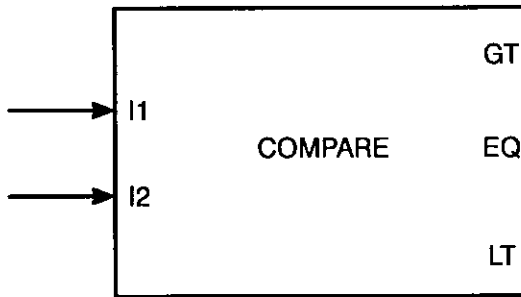


10.0 COMPARE

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



Function

Compares INPUT1 against INPUT2
OUTPUT_GTR is set TRUE when INPUT1 is greater than INPUT2
OUTPUT_EQU is set TRUE when INPUT1 is equal to INPUT2
OUTPUT_LES is set TRUE when INPUT1 is less than INPUT2

Program Statement

```
CALL COMPARE(INPUT1=input1%, INPUT2=input2%,           &  
              OUTPUT_GTR=greater_than@,               &  
              OUTPUT_EQU=equal@,                      &  
              OUTPUT_LES=less_than@)
```

Inputs

I1 (INPUT1) =

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

I2 (INPUT2) =

Data input 2, type INTEGER. This parameter must be specified.

Outputs

GT (OUTPUT_GTR) =

Data output, type BOOLEAN. This is an optional parameter. The output OUTPUT_GTR is set TRUE when INPUT1 is greater than INPUT2.

EQ (OUTPUT_EQU) =

Data output, type BOOLEAN. This is an optional parameter. The output OUTPUT_EQU is set TRUE when INPUT1 is equal to INPUT2.

LT (OUTPUT_LES) =

Data output, type BOOLEAN. This is an optional parameter. The output OUTPUT_LES is set TRUE when INPUT1 is less than INPUT2.

Notes

1. The order in which the outputs (OUTPUT_GTR, OUTPUT_EQU, and OUTPUT_LES) are programmed is unimportant. However, a minimum of one output must be programmed. If this requirement is not met, a compilation error will occur.