UNIT_CLEAR

Type:

System command

Description:

Clears all the bits in the UNIT_ERROR system parameter. This command is typically used to reset a SYSTEM_ERROR raised by EtherCAT or to reset module errors from MC664 option modules.

Motion Coordinators with an LCD display will show Unn when there is a UNIT_ERROR. UNIT_CLEAR can be used to reset the display.

Value:

This command takes no values

Example:

Example 1:

Clear the UNIT_ERROR bits and then check for which module or modules may be in error.

```
UNIT_CLEAR
WA(10)
PRINT UNIT_ERROR[0]
```

Example 2:

Reset SYSTEM_ERROR flags in the MC6N-ECAT as part of the error recovery routine.

```
IF SYSTEM_ERROR <> 0 THEN
  UNIT_CLEAR ' attempt to clear the errors
  WA(50)
  IF SYSTEM_ERROR <> 0 THEN
    PRINT "Error bits cannot be cleared: ";HEX(SYSTEM_ERROR)
  ENDIF
ENDIF
```

See Also:

SLOT, SYSTEM_ERROR, UNIT_ERROR, ETHERCAT