

## 12-6 Error Log

Important errors detected at the MC Unit are saved in non-volatile memory. These records can be accessed during maintenance and inspection to see what kinds of errors have been occurring, and how often. The error log can be read using the CX-Motion.

The following table shows the kinds of errors that are saved in the error log.

Error code (hex)	Error	Processing
0001	PC watchdog timer error	Follow the instructions in the applicable PC manual.
0002	PC service monitor error	May be caused by the following: An end refresh prohibition is set by the CPU Unit. The CPU Unit scan time is too short. Take the following countermeasures: Clear the end refresh prohibition. Lengthen the CPU Unit scan time.
0006	Other CPU Unit error	Make adjustments at the CPU Unit.
000E	CPU bus error	Check whether the MC Unit is securely mounted to the Backplane. If the error persists, the CPU Unit or the Backplane may be defective. Replace the CPU Unit or the Backplane.
000F	PC initialization processing error	May be caused by the following: The unit number is not correctly set. The unit number is allocated to another Special I/O Unit. Set the unit number correctly and power up again.
0015	Fatal PC error	Follow the instructions in the applicable PC manual.
0016	Non-fatal PC error	Follow the instructions in the applicable PC manual.
0108	Routing error	These errors do not normally occur. If they do occur, contact an OMRON representative.
010d	Routing error	
010e	Routing error	
0118	Illegal packet error	
0124	Routing error	
0602	Memory corruption	An error has occurred at the flash memory or EEPROM. If this error occurs frequently, replace the MC Unit.
0310	System parameter corruption	Refer to the system error code 0001 hex.
0311	Program corruption	Refer to the system error code 0003 hex.
0312	Illegal G command	Refer to the task error code 0017 hex.
0313	Program range over	Refer to the task error code 0018 hex.
0314	No origin	Refer to the task error code 0041 hex.
0315	Error counter overflow	Refer to the axis error code 003D hex.
0316	Absolute data error	Refer to the axis error code 004A hex.
0317	No origin proximity signal	Refer to the axis error code 0042 hex.
0318	CW overtravel	Refer to the axis error code 003E hex.
0319	CWW overtravel	Refer to the axis error code 003F hex.
031a	Bi-directional overtravel	Refer to the axis error code 0040 hex.
031b	Present position counter overflow	Refer to the axis error code 004D hex.
031c	Absolute multi-turn error	Refer to the axis error code 004E hex.
031d	Feedback pulse error	Refer to the axis error code 0058 hex.