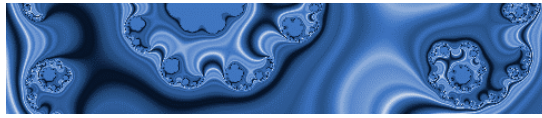


CODE	Error n.	Description	Possible Reason
00001	Error 1	Bridge Short Circuit	A short circuit occurred on the motor windings or the power bridge
00010	Error 2	Overcurrent	Over current protection. It may occur if current loop parameters are not properly tuned for the motor.
00011	Error 3	Dc-Link Overvoltage	Brake resistance is not properly connected or is broken.
00100	Error 4	Heat Sink Overtemperature	Too heavy work cycle
00101	Error 5	Module Junction Overtemperature	Too heavy work cycle
00110	Error 6	Brake Short Circuit	A short circuit occurred on brake resistance
00111	Error 7	Motor Overtemperature	Motor windings overtemperature or PTC sensor not connected to the drive
01000	Error 8	Aux Power Undervoltage	Supply voltage (24 V) too low
01001	Error 9	DSP Program Error	Firmware error
01010	Error 10	16 KHz Interrupt Overtime	Firmware error
01011	Error 11	Invalid Flash Parameters	Parameters values are not recognized. Try to click the SAVE button in AXV-Cockpit and than reset the drive.
01100	Error 12	Bad Flash Device	Firmware error
01101	Error 13	Brake Overpower	Brake resistance too hot due to excessive regenerative energy. If repeated, switch to an appropriate external braking resistor.
01110	Error 14	Heatsink NTC Disconnected	The Heatsink thermal sensor could be broken or disconnected
01111	Error 15	R Brake always on	Power supply voltage is too high or clamp voltage is too low. Check parameter SYS_OV_CLM_LIM
10000	Error 16	Lock Drive	Drive stopped by software
10001	Error 17	Digital Encoder Count Error	Wrong number of encoder pulses between two indexes . Check parameter Tn_CY_REV and verify all ground and shields connections.
10010	Error 18	SinCos Encoder Count Error	Wrong number of encoder pulses between two indexes. Check parameter Tn_CY_REV and verify all ground and shields connections.
10011	Error 19	Encoder Simulation	Maximum output bandwidth of encoder simulation exceeded. Check parameter Tn_SE_MAX_BW



CODE	Error n.	Description	Possible Reason
10100	Error 20	Level fault in AD Encoder	The check of the level in analogic/digital encoder has reported an error
10101	Error 21	Level fault in AN Encoder	The check of the level in analogic encoder has reported an error
10110	Error 22	Incremental to absolute sensor error	Sensor check error
10111	Error 23	Hardware not compatible with Software	The firmware is not compatible with the loaded application
11000	Error 24	Cooling fan locked	The cooling fan didn't start at system command. This alarm only commutate the relay but don't stop the drive automatically.
11001	Error 25	Invalid system parameters	System parameters values are not valid. Rewrite into the drive parameters of table System_eng.par.
11010	Error 26	Expansion board Error	An error was found on selected expansion board. If no expansion board is installed, verify parameter SYS_EXP_BOARD in table System_eng.par
11011	Error 27	Intradrive not synchronised	Only for Slave axes of Intradrive link. Indicate that the axis is not receiving the synchronisation signals from Master axis. If you have no Intradrive link, verify parameter SYS_ID_ADDRESS in table System_eng.par
11100	Error 28	Slow Task overtime	Slow task didn't return within 8 ms. Reduce execution time of slowtsk. Verify that there are no infinite loops in the code.
11110	Error 30	Relay Off	Drive Relay commutated
11111	Error 31	User Alarm	This alarm can be forced by the user in a GPLC program.

**Auxiliary 24 V supply** with excessive ripple voltage or high impedance: In this case, the internal processor cycles between UV lockout and reset, generating an apparent error code (no communication is possible): **RED-AMBER-GREEN**. In this case, increase the filtering or stiffen the auxiliary power supply.