

Fault code	Protection function	Explanation
E0001	System abnormality	Inverter hardware failure or software failure
E0004	Ground fault	The resistance value to the ground is abnormal and leakage occurs
E0005	Short circuit to ground	Short circuit to ground.
E0006	Output short circuit	When the output current of the inverter is greater than 250% of the rated current of the inverter, the inverter turns off the output.
E0007	output overcurrent	When the output current of the inverter is greater than 200% of the rated current of the inverter, the inverter turns off the output.
E0008	DC bus overvoltage	If the DC voltage of the main circuit is higher than 400V (220V model) or 800V (380V model) when the motor decelerates, the inverter shuts off the output.
E0009	DC bus undervoltage	When the input voltage decreases, if the DC voltage of the main circuit is lower than 200V (220V model) or 340V(380V model), the inverter will turn off the output
E0010	Inverter overheating	When the temperature of the heat sink is detected to be overheated, the inverter turns off the output.
E0011	Self-learning failure	The self-learning parameters are incorrect or the motor is abnormal.
E0013	Rectifier bridge overheating	The rectifier module is overheated
E0014	U phase missing phase	U phase missing phase
E0015	V phase missing phase	V phase missing phase
E0016	W phase missing phase	W phase missing phase
E0019	No motor connection	The motor is disconnected during operation.
E0020	Input phase loss	Input power phase loss
E0021	Inverter overload	When the output current of the inverter exceeds the rated rating of the inverter (150% for 1 minute), the inverter turns off the output.
E0022	Overtorque	Motor over torque
E0024	Motor overheating	The motor temperature is too high.
E0025	Motor overload	When the output current of the inverter exceeds the rated rating of the motor (150% for 1 minute), the inverter turns off the output.
E0026	Current limit	The output current exceeds the set limit threshold.
E0027	Input power down	The input voltage is lower than the power-down level (P05.86).
E0033	STO	STO safe torque stop
E0034	STI1	STI1 internal circuit abnormal
E0035	STI2	STI2 internal circuit abnormal
E0036	STI3	The internal circuit of STI1 and STI2 is abnormal.
E0063	User failure	User-defined fault (see parameter P03.08)