

(4) HV alarm

Item	Causes of troubles	Check procedures	Countermeasures
1	Input AC power voltage is higher than specified	Check if the servo transformer taps are properly connected.	Repair tap connection
2	Servo motor is defective	Check if the insulation resistance is normal between the motor armature (power line) and the body.	Replace motor
3	Load inertia is excessive		Increase the acceleration/ deceleration time constant
4	PCB is defective	HV alarm occurs without any defect in Items 1, 2, 3.	Replace PCB

(5) LV alarm

Item	Causes of troubles	Check procedures	Countermeasures
1	Input AC power voltage is lower than specified	Check if the input AC power voltage and tap connection of servo transformer are correct.	Correct the tap connection
2	Connection failure between servo transformer and PCB CN2	Check if +24V, $\pm 5V$, and +5V of PCB are normal. Check if servo transformer terminals 41 - 49 (AC 18V) and PCB CN2 (1, 2, 3) are connected properly.	Correct connections
3	Fuse for +5V is blown	check if the fuse for +5V is blown.	Replace the fuse
4	PCB is defective	The LV alarm occurs without any defect in item 1, 2, and 3.	Replace PCB