

A06B-6096-H102 Alarm Codes

Servo Amplifier FSSB Interface

<b>AL-1</b>	<b>Internal cooling fan stopped</b>	Replace the cooling fan inside the Servo amplifier module.
<b>AL-2</b>	<b>Control Power Supply Undervoltage Alarm</b>	Replace the Servo amplifier module.
<b>AL-5</b>	<b>DC link under voltage</b>	Check the 3-phase input voltage to the power supply module. Replace the servo amplifier.
<b>AL-6</b>	<b>Servo Amplifier Overheat</b>	Check the heat sink temperature.
<b>8</b> <b>9</b> <b>A</b> <b>b</b> <b>C</b> <b>d</b> <b>E</b>	<b>Abnormal current alarm:</b> (L axis) (M axis) (N axis) (L, M axis) (M, N axis) (L, N axis) (L, M, N axis)	Remove the Servo motor power line wires from the Amplifier terminals, and release an emergency stop state. If an abnormal current alarm is issued, the servo amplifier module needs to be replaced. Check for insulation between PE and each of the removed power wires U, V, and W. If there is a short-circuit between PE and U, V, or W of the motor, replace the motor. If insulation is perfect, replace the power wires.
<b>8.</b> <b>9.</b> <b>A.</b> <b>b.</b> <b>C.</b> <b>d.</b> <b>E.</b>	<b>IPM alarm:</b> (L axis) (M axis) (N axis) (L, M axis) (M, N axis) (L, N axis) (L, M, N axis)	Remove the Servo motor power wires from the amplifier terminals, and release an emergency stop state. If the IPM alarm does not recur, check for insulation between PE and each of the removed power wires U, V, and W. If the IPM alarm recurs, the probable cause is the operation of the IPM protective function. Replace the Servo amplifier
<b>U</b>	<b>FSSB Alarm</b>	FSSB communication error.
<b>L</b>	<b>FSSB Alarm</b>	FSSB communication error.