2. COMPLIANCE WITH CE MARKING

This servo amplifier is designed to comply with EN61800-3 and EN61800-5-1 standard. For the situation of safety certification, contact your local sales office. This servo amplifier is designed to comply with UL 508C and CSA C22.2 No.14 standard. For the situation of compliance, contact your local sales office.

Note the following when using the product in South Korea.

AC Servo

General-Purpose AC Servo

3. COMPLIANCE WITH UL/CURS STANDARD

For the situation of compliance, contact your local sales office. Note the following when using the product in South Korea.

5. INSPECTION

6. ALARM/WARNING
Safety Instructions

Do not block the intake and exhaust areas of the servo amplifier. Otherwise, it may cause a malfunction.

When the equipment has been stored for an extended period of time, contact your local sales office.

When handling the servo amplifier, be careful about the edged parts such as corners of the cabinet.

The servo amplifier must be installed in the metal cabinets.

CAUTION

Indicates that incorrect handling may cause hazardous conditions, resulting in death or severe injury.

Indicates that incorrect handling may cause hazardous conditions, resulting in minor or slight injury to personnel or may cause physical damage.

Note that the CAUTION level may lead to a serious consequence according to conditions. Please follow the instructions of both levels because they are important to personnel safety. What not to do and what must be done are indicated by the following diagram symbols.

Indicates what must not be done. For example, "No Fire" is indicated by ![fire warning icon].

Indicates what must be done. For example, grounding is indicated by "Grounding".

Indicates that it is classified into "NOT".

When the cable is not tightened enough to the terminal block, the cable or terminal block may generate heat because of the poor contact. Be sure to tighten the cable with specified torque.

The electromagnetic brake on the servo motor is designed to hold the motor shaft and should not hold the motor shaft if the motor power is not supplied or the motor is mechanically decoupled (e.g., if the following conditions are satisfied: the electromagnetic brake is not activated, the electromagnetic brake coil is disconnected, the electromagnetic brake circuit is isolated via a disconnect switch or isolator, the electromagnetic brake controlling circuit is isolated, etc.).

CAUTION

Indicates that the system may cause damage to the servo amplifier and servo motor when you have not followed the instructions given in this guide, and depends on the specific conditions and functions. However, it may cause a malfunction.

In this installation guide, instructions at a lower level than the above, instructions for other functions, and so on are classified into "POINT". After reading this installation guide, keep it accessible to the operator.

1. To prevent electric shock, note the following

WARNING

Before wiring and inspections, turn off the power and wait for 15 minutes or more until the charge lamp goes off. Alternatively, clean the area around the exhaust vents and make sure that the area is free of dust.

When confirming whether the charge lamp is off or not, always confirm it from the front of the servo amplifier.

To establish a proper ground, the ground terminal must be grounded to the cabinet or machine frame. (This terminal is not used for the mains power supply.)

In the case of DC power supply, ensure that the negative side is grounded.

When using a residual current device (RCD), select the type B.

To avoid an electric shock, insulate the connections of the power supply terminals.

Do not install or operate the servo amplifier and servo motor which have been damaged or have any parts missing.

Ensure that the equipment is installed in the specified direction. Otherwise, it may cause a malfunction.

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