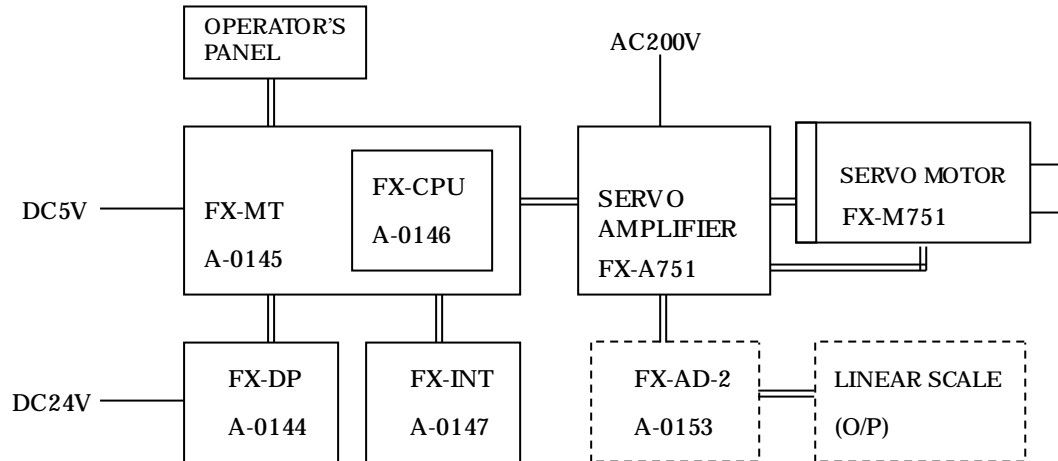


FX CONTROLLER

1-1. System configuration



NOTE: A-01** shows the circuit board number.

Fig. 1-1 FX CONTROLLER SYSTEM

FX-CPU board

Servo Amplifier unit

Servo motor

Display unit

Interface unit

Scale counter board

• FX-CPU/MT: two boards are stacked (DC5V)

• AC200V/750W (3)

• AC200V/750W (3)

• Position display/Diagnostic screen/Error screen/Parameter display

• Interface with protective function (DC24V)

• Forward/reverse position counter with open-circuit detection (Optional)



1-2. Specifications and setting of servo amplifier

1-2-1. Specifications

Name: FX servo amplifier
 Model: FX-A751
 Specification: 400W (AC200V, 3)
 Applicable motor: FX-M751 (750W)

(Setting)

- Set the DIP switch “S1” as listed in the table and the figure below. (Table 1-1, Fig. 2)
 DIP switch setting: switches 5, 6, and 7 are ON
 (with no forward/reverse scale unit Option)
- The switch is provided on the bottom of the servo amplifier.

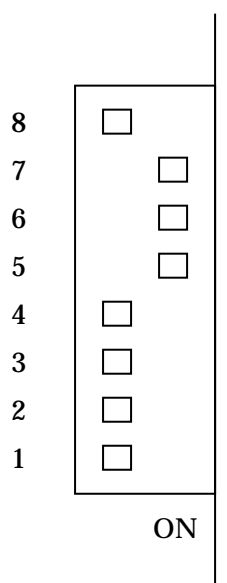


Table 1-1 Switch settings

No.	Description	Setting
8	Motor start (for checking)	OFF
7	Down pulse signal (Terminal resistor connected)	ON
6	Up pulse signal (Terminal resistor connected)	ON
5	Command communication (Terminal resistor connected)	ON
4	Axis No. setting Bit 3	OFF
3	Axis No. setting Bit 2	OFF
2	Axis No. setting Bit 1	OFF
1	Axis No. setting Bit 0	OFF

Fig. 1-2 S1 switch setting

- When the forward/reverse scale option is installed, set switch No.5 of the S1 to the OFF position.

1-2-2. External dimensions
(Unit: mm)

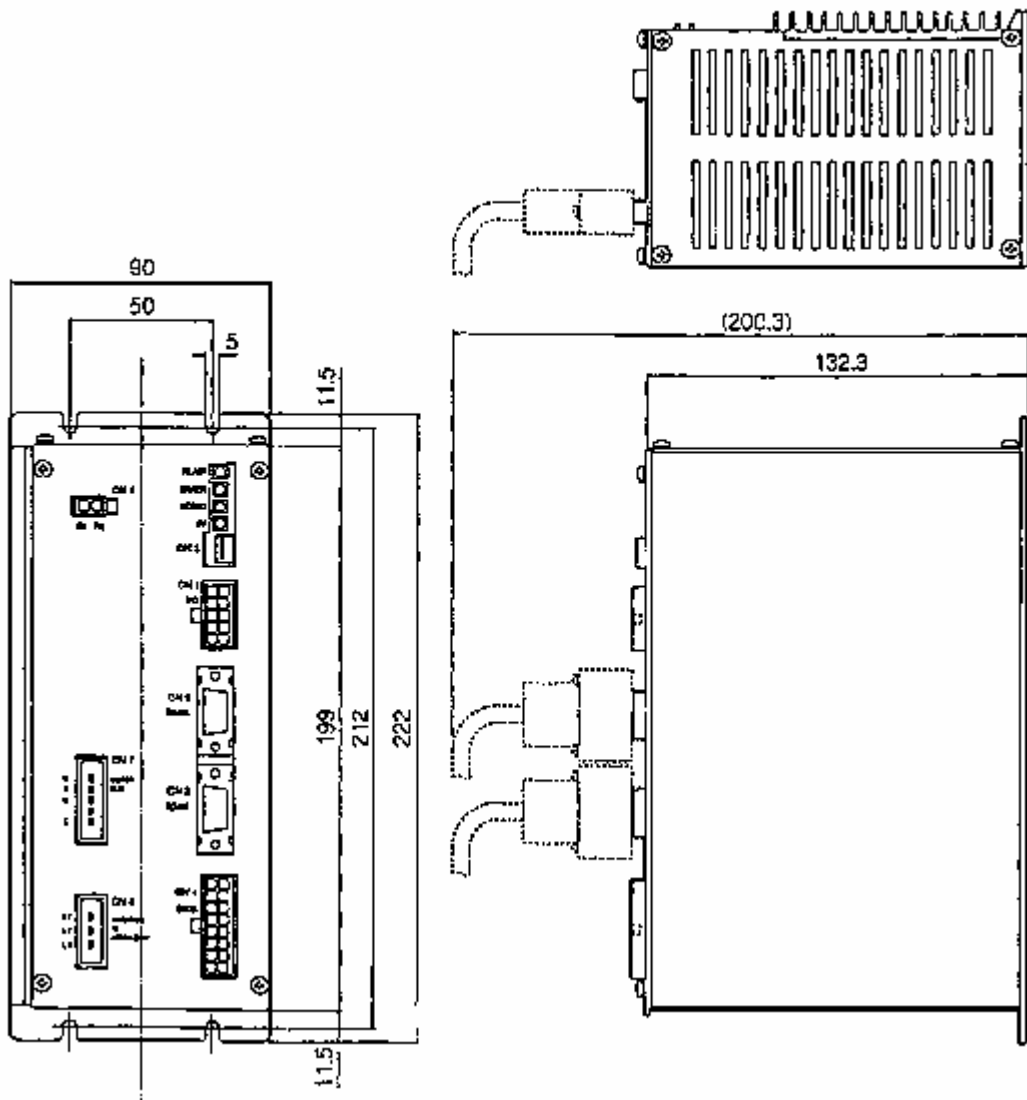


Fig. 1-3 External dimensions of the servo amplifier

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YOKOHAMA JAPAN

1-2-3. Name of each part

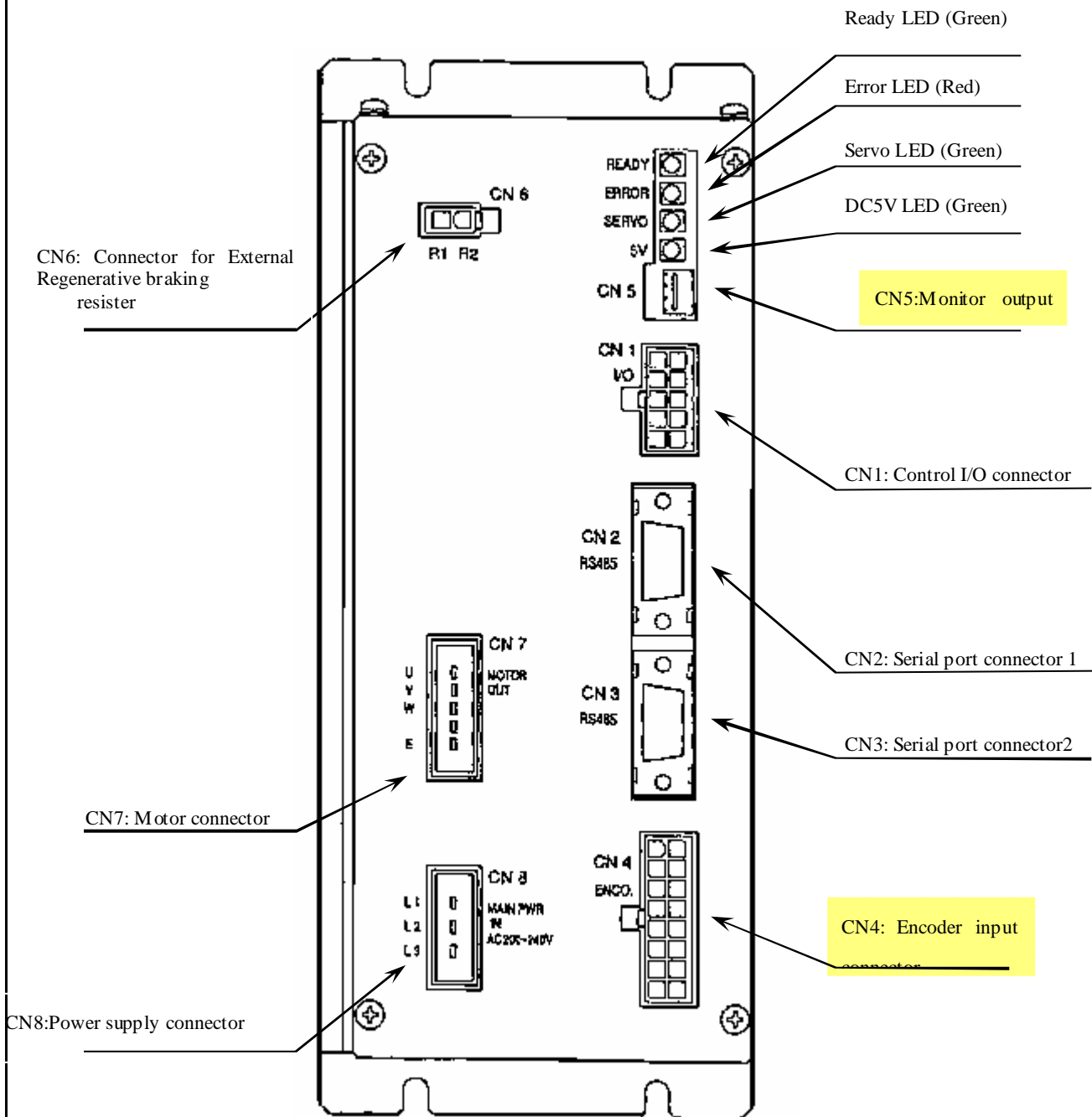


Fig. 1-4 Name of each unit of servo amplifier.