

10 MAINTENANCE

10.1 PERIODICAL CHECK

The PC does not contain wasting component except a lithium battery and output relays.
 The battery life is approx. 5 years and relay life is subjected to the frequency of operations and current level (see the section of output unit).
 The battery is replaced in the manner stated below.
 The units installation should be checked to ensure that it has not been contaminated by dust or other contaminations, also that all terminal connections are still tight.
 The unit should not be installed in a situation where the temperature is likely to rise to above 50°C.

10.2 BATTERY REPLACEMENT

To replace the battery, remove the fixing screw on the CPU unit and pull the battery cassette out. Then put a new battery cassette in the CPU unit and fix the screw. The replacing the battery cassette must be within 30 seconds, while an inside capacitor supports the memory.

[Remarks]

A varistor is provided in the power unit for the surge protection. When insulation resistance or insulation withstand voltage is tested, it is necessary to separate this circuit in following manner;
 Remove the fixing screws at four corners of the power unit to remove the cover and pull the 1-pin connector out in the unit.
 If the insulation resistance is simply measured by low-voltage tester, this separation is not required.

11 GENERAL SPECIFICATIONS AND OUTLINES

SPECIFICATIONS

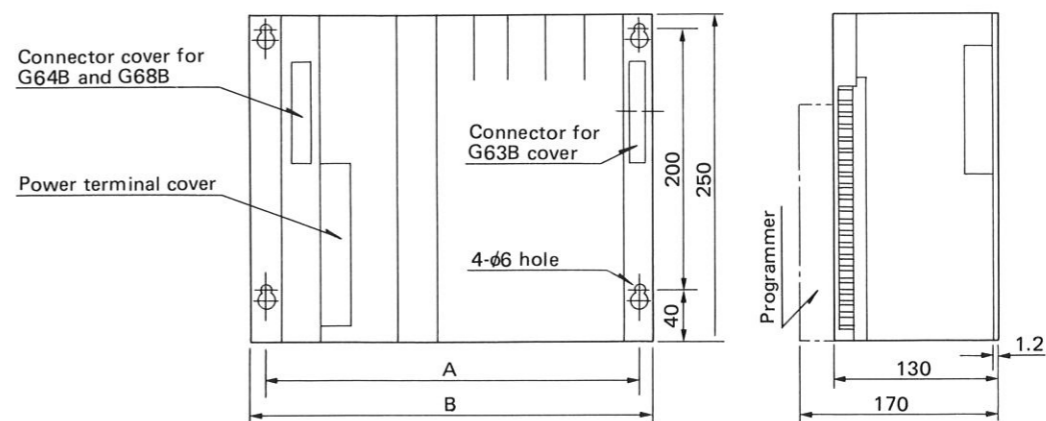
Power supply voltage	: AC110-120V $\begin{smallmatrix} +10\% \\ -15\% \end{smallmatrix}$ or AC220-240V $\begin{smallmatrix} +10\% \\ -15\% \end{smallmatrix}$ 50/60Hz
Power consumption	: Less than 40W (Exclu. external load and AC input)
Allowable power failure	: 20m.sec.
Battery	: G1BATT Lithium battery, approx. 5 years life
Insulation resistance	: More than DC500V 5M *1
Insulation withstand voltage	: AC1500V, 1 minu. *1
Noise immunity	: 1000Vp-p 1μ.sec. (Noise simulator)
Ambient temperature	: 0-55°C
Ambient humidity	: 90% RH (No condensation)
Vibration resistance	: 16.7Hz 3mm, 2HRs

*1 Between FG terminal and all other terminal collectively.

APPLICABLE PERIPHERALS

HP-16G-E Handy programming panel
 GP-80G-E Handy graphic programming panel
 GP-80ROW-E ROM writer
 CMT audio recorder
 Graphic printer

OUTLINES



	G13B	G15B	G18B
A	232	292	382
B	254	314	404