

8.3.3 FUSES OF POWER INPUT UNIT

If any of the glass-tube fuses are blown, all power supplies are turned off and ILED of the power closing unit goes off. To reset the control, use the following procedure.

1. Turn off all power supplies by putting molded-case circuit breaker in OFF position. Never touch the unit until the breaker is turned off.
2. Inspect for the cause of trouble, and remove, if any.
3. Replace the blown fuse with new one.
4. Make sure that ILED goes on when the breaker is turned on.
5. Turn on the power.
6. If the fuse is blown again, contact Yaskawa.

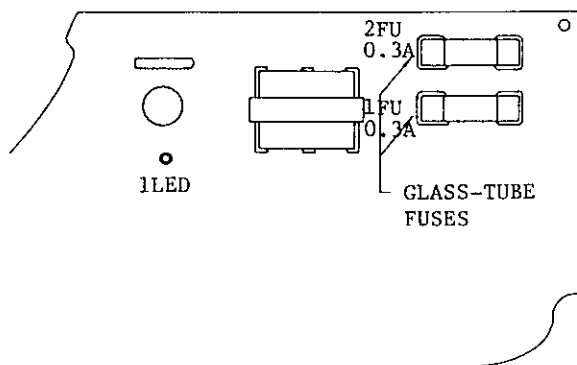


Fig. 8.7 Fuses of Power Closing Unit

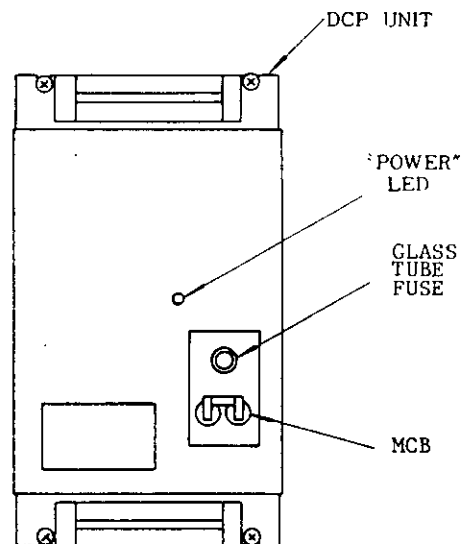
8.3.4 FUSE FOR SERVO CONTROL POWER UNIT

When the servo control power unit (called DCP unit hereinafter) is overloaded due to short-circuiting of control unit power line, etc., the fuse for DCP is blown-out. The "POWER" Led will be extinguished to indicate that the fuse is blown. Take the following measure for the blown-out fuse.

- (1) Depress the POWER OFF button to turn off the power supply, and then, depress it again to turn off the power to NC.
- (2) Find the cause of the fuse blowing, and eliminate it.
- (3) Replace the blown fuse with the new one of the same rating.
- (4) Depress the POWER ON button to turn on the power for NC and depress it again to turn on the servo power. Check to be sure that "POWER" Led lights up.

- (5) If the fuse is blown off again, contact our service personnel.

NOTE: DCP unit size will differ with the capacity of 10 A, 15 A, 30 A, 60 A.



8.3.5 CIRCUIT BREAKER FOR SERVO CONTROL

When the DCP unit is overloaded through the shorting of the output circuit, faults of the DCP unit itself, etc., this circuit breaker trips to disconnect the main circuit.

In this case, an alarm "350:OL" is displayed on the CRT. (350:OL may be displayed also by other causes.) When this circuit breaker is tripped to the OFF state, take the following measure.

- (1) Push the POWER OFF button to turn off the power supply, and then, stop the supply of power to NC.
- (2) Find the cause of the tripping of the circuit breaker, and eliminate it.
- (3) Push up the breaker lever to the ON position.
- (4) Supply power to NC, and then, push the POWER ON button twice. The servo circuit is energized, and is ready for operation.
- (5) If the circuit breaker is tripped again, notify our service department.

NOTE: When the circuit breaker is manually turned off under power, not turning off automatically by overloading, the alarm "310:SERVO OFF" is displayed on the CRT. The DCP unit can be brought to the operating conditions by the same measures as above, also in this case.