

### 8.3 POWER CIRCUIT BREAKER AND FUSES

The power circuit breaker and fuses are provided for the safety of the control: a power circuit breaker and four fuses are in the composite control power supply unit; two fuses in the power input unit; a fuse and circuit breaker in the servo control power unit. If the breaker trips or the fuses are blown off, consult the maintenance personnel.

#### 8.3.1 CIRCUIT BREAKER OF COMPOSITE CONTROL POWER SUPPLY UNIT

The breaker trips due to overload of composite control power supply unit. Reset the control according to the following procedure. See Fig. 8.3.2 Breaker and Fuses of Composite Control Power Supply Unit.

1. Inspect for the cause of overload, and remove, if any.
2. When the breaker trips, ON-OFF lever of the breaker is in OFF position. Put the lever in ON position.
3. Depress POWER OFF pushbutton on the operator's station. Reset the control and then turn on the power.
4. If the breaker trips again, contact Yaskawa.

#### 8.3.2 FUSES OF COMPOSITE CONTROL POWER SUPPLY UNIT

If any of the fuses are blown, all power supplies are turned off. Reset the control according to the following procedure.

1. Remove the blown fuse that is indicated with white mark coming on the fuse casing window.
2. Inspect for the cause of failure in the control power supply, I/O interface and servo unit, and remove, if any.
3. Replace the blown fuse with new one.
4. Depress POWER OFF pushbutton on the operator's station to reset the control and then turn on the power.
5. If the fuse is blown again, contact Yaskawa.

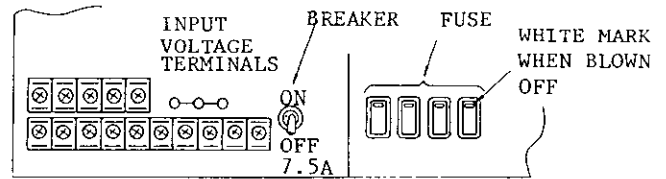


Fig. 8.6 Breaker and Fuses of Composite Control Power Supply Unit