



Mazak

MAINTENANCE MANUAL

**QUICK TURN SMART 100 S
QUICK TURN SMART 150 S**

MANUAL No. : HB06MA0012E

**MAINTENANCE
MANUAL** ○



After removing the cause of overloading of the corresponding motor, reset the thermal relays as shown below.

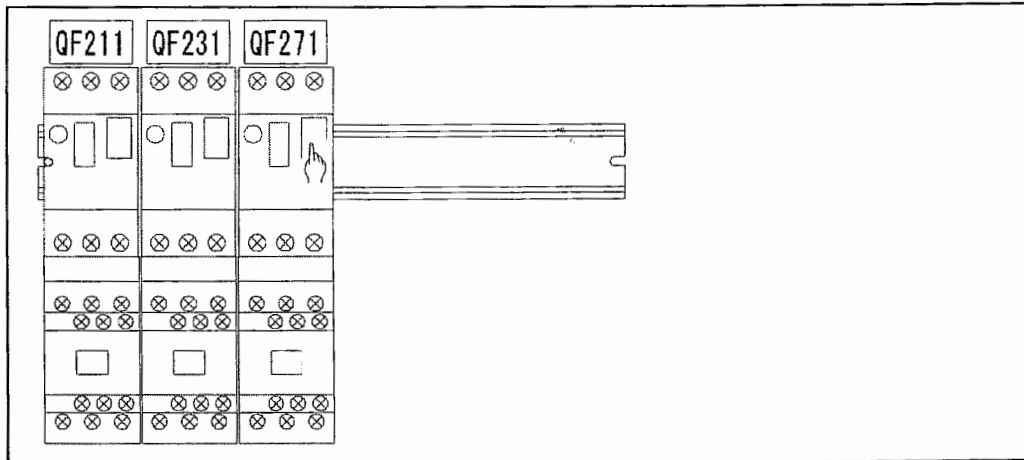


Fig. 5-96 Resetting the thermal relays

3. Replacing the battery for the axis amplifiers

When alarm **12 ABSOLUTE POSITION WARNING** is displayed, it indicates that the battery for detecting the absolute position is likely to be decreasing in voltage. If this alarm message is displayed, replace the battery for all axis amplifiers by following the procedure below.

Note: Keep the power to the machine on for at least 30 minutes before replacing the battery. Battery replacement must be completed within an hour.

A. Battery type

Manufacturer : Mitsubishi Electric Corporation

Manufacturer's type : ER6V-C119B

Mazak part No. : D80MA016250

B. Battery replacement procedure

- (1) Turn off the input power breaker and confirm that the power to the drive unit for which the battery is to be replaced is turned off.
- (2) Open the cover of the battery holder on the upper part of the front of the drive unit.
- (3) Disconnect the battery cable connector from the drive unit and take out the battery.

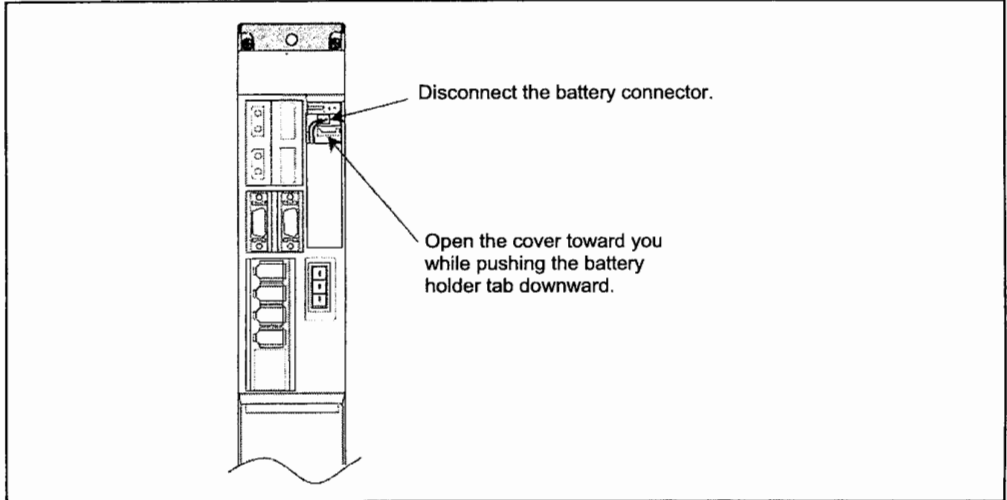


Fig. 5-97 Battery replacement procedure (1/2)

- (4) Connect the cable connector of the new battery to the same connector position where the battery cable connector was disconnected in step (3).
- (5) Put the battery in the battery holder and close the cover.

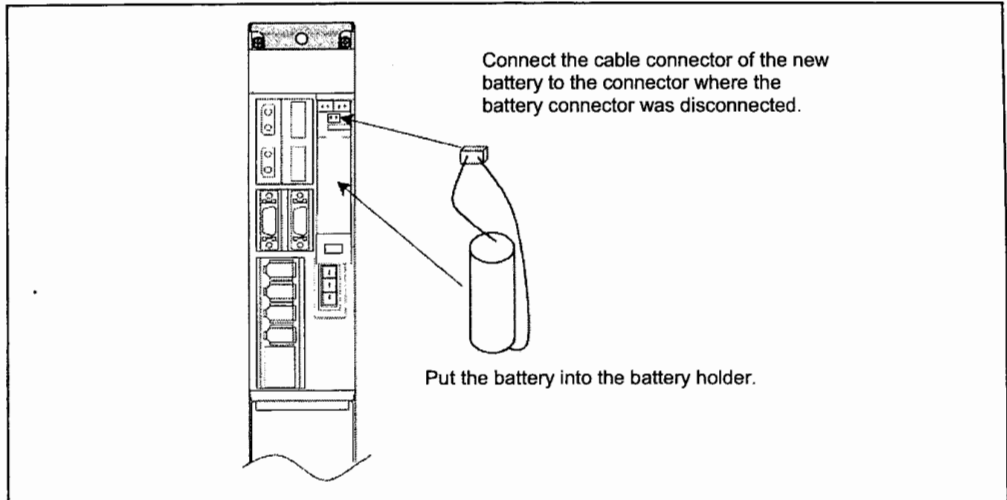


Fig. 5-98 Battery replacement procedure (2/2)