

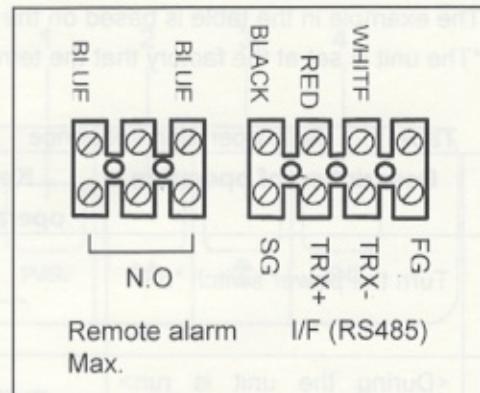
OPERATING INSTRUCTIONS

Remote alarm

1. MDF-U2086S

The terminal of the remote alarm is installed at the rear part of the frame.

- a) Contact capacity is 2A (DC 30V).
b) output: normal open, connectors are connected with N.O. terminal



1. Temperature alarm

2. MDF-U3086S **U5186S**

The terminal of the remote alarm is installed at rear of the machinery cell, under the electric box.

Consult our dealer or our office for installation of the remote alarm.

Contact capacity is 2A (DC 30V) - 0.1mA (DC 1V).

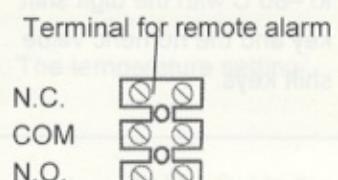


Fig. 1

3. MDF-U4086S MDF-U5086W

The terminal of the remote alarm is installed at the rear upper of the frame.

Contact capacity is 2A (DC 30V) - 0.1mA (DC 1V).

- a) output: normal open
connectors are connected with N.O. side.
b) output: normal close
connectors are connected with N.C. side.

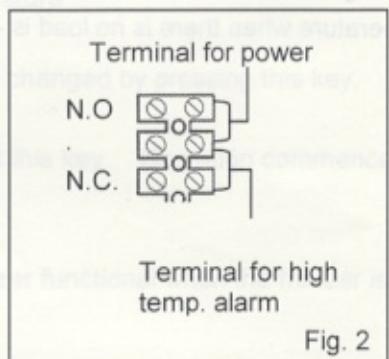


Fig. 2

6. Buzzer key (BUZZER): To stop the alarm from sounding, press this key. Should a further abnormality occur, the buzzer will sound automatically.

7. Alarm lamp (ALARM) and Buzzer: They operate in the following cases:

- a) Break down or power failure of the power supply
 Alarm lamp flickering, buzzer (sounds)
b) Temperature rises about 10°C higher than the setting temperature
 Alarm lamp flickering, buzzer (sounds about 10 minutes later)
c) The door is open
 Alarm lamp lighting, buzzer (sounds about 30 seconds later)

8. Filter-check lamp (FILTER CHECK): This lamp lights when the condenser filter is clogged. Clean the condenser filter according to "MAINTENANCE" (P. 22).

9. CO2 Back up Lamp (CO2 BACK UP): This lamp lights when CO2 back up switch is closed.