



PDA-PANEL

USER MANUAL



V1.00

CONTESTS:

1. PDA-PANEL	3
1.1 CONTROL MODE 【CTL MODE】	3
1.2 MONITOR MODE 【MON MODE】	4
1.3 PARAMETER EDITING MODE 【PAR MODE】	4
1.4 ALARM MODE 【ALM MODE】	4
1.5 PDA SIZE	5

1. PDA-PANEL

The control panel involves 4 digits 7-segment display and 4 Led-lamps, 8 keys and a potential meter (VR).

It has four possible operation modes: "CTL", "MON", "PAR" and "ALM" modes, described below.

VR input is equivalent to AI3 input, JP3B of CPU board determine the AI3 input source.

1.1 Control Mode 【CTL MODE】



Push the "CTL/MON" key, will change the keypad operation between "CTL" and "MON" Mode. If both "HZ" and "I" Led are blank, it is under "CTL" Mode. Under "CTL" Mode, user can control the driver running in either direction And may modify the desired running speed.

For normal run/stop control, use only the three keys:

FWD key is used for running the driver in forward direction.

REV key is used for running the driver in reverse direction.

STOP key is used to stop the driver.

If Pr.40 = 3 or 8, the running frequency shall be modified by keypad, then these keys are enabled:

RD/WT key is used to read out the internal Panel Speed Set value.

▲ key is used to increase the Panel Speed Set value

▼ key is used to decrease the Panel Speed Set value

STOP key is used for cursor shift.

Procedure:

- Under normal CTL mode, push RD/WT will enter Panel Speed Set mode, (if Pr.040=8, the display will show the value stored in Pr.000) and blinking the data.
- Push ▲ or ▼, the display starts to show the cursor position.
- Push ▲ or ▼, in order to modify the Panel set frequency.
- Push CTL/MON key will go back to normal CTL mode.

Note: If Pr.40=8, the new modified Panel Speed Set value will rewrite into Pr.000 automatically.

1.2 Monitor Mode 【MON MODE】

Push the "CTL/MON" key, will change the keypad operation between "CTL" and "MON" Mode.

Under "MON" Mode, user can control the driver running in either direction and may monitor any two internal status easily.

If "HZ" Led is on, it is under "MON" Mode and 7-segment shows the "HZ" data.
(Or the desired parameter assigned by Pr.099)

If "I" Led is on, it is under "MON" Mode and 7-segment shows the "I" data.
(Or the desired parameter assigned by Pr.098)

FWD key is used for running the driver in forward direction.

REV key is used for running the driver in reverse direction.

STOP key is used to STOP the driver.

- ▲ key is used to select "HZ" or "I" data shown on the 7-segment display.
- ▼ key is used to select "HZ" or "I" data shown on the 7-segment display.

1.3 Parameter Editing Mode 【PAR MODE】

Push the "PAR/ALM" key, will change the keypad operation between "PAR" or "ALM" mode.

If push PAR/ALM key, 7-segment shows "Pr.xxx", it is under "PAR" Mode, the HZ and I lamps all ON, user can modify or monitor all the internal Parameters.

To modify any parameter, follow the steps described below:

- STEP 1: push "PAR/ALM" key, the 7-segment will show "Pr.nnn". (nnn is parameter number)
- STEP 2: push ▲ or ▼ key to select desired parameter number, and "STOP" key used as cursor shift.
- STEP 3: push "RD/WT" key to READ the content of the specified parameter.
(The 7-segment now shows the value of this parameter.)
- STEP 4: push ▲ or ▼ key to modify the displayed value, and "STOP" key used as cursor shift.
- STEP 5: push "RD/WT" key to WRITE the new value into parameter memory.
- STEP 6: push "PAR/ALM" repeat STEP 1~5 to modify next parameter.

1.4 ALARM MODE 【ALM MODE】

Push the "PAR/ALM" key, will change the keypad operation between "PAR" or "ALM" mode.

If push PAR/ALM key, 7-segment shows "0.-xx", it is under "ALM" Mode.

Under "ALM" Mode, the user can execute RESET function or monitor ALARM STATUS.

STOP/RESET key, the driver will execute RESET function.

▲ and ▼ key are used to check ALARM History

1.5 PDA SIZE

PDA PANEL	面板尺寸 (PANEL SIZE)	開孔建議 (hole size recommendation)
	<p>83.0</p> <p>100.0</p> <p>20.9</p> <p>Ø 25.9</p> <p>5.5</p>	<p>35.0</p> <p>3.0</p> <p>70.0</p> <p>84.0</p>

(Unit:mm)