
DZF Series

Intelligent temperature Controller Operating instructions

1、 Brief introduction

Power: 220V \pm 10%.. AC

Range of temperature: 0~400. 0℃ ;

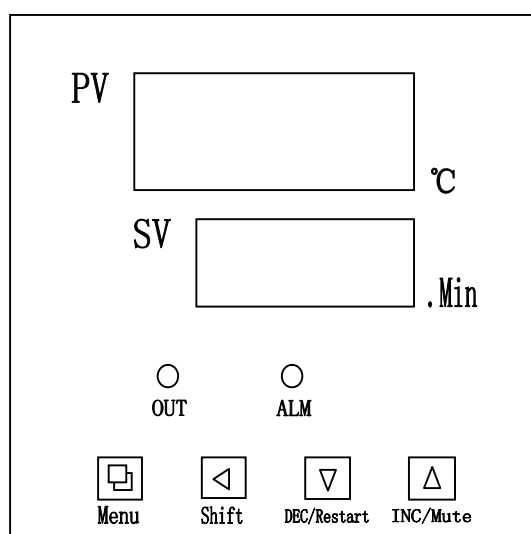
Range of time: 0~9999 Minute;

Sensor: Pt100;




Environment temperature: 0~50. 0℃ ;

Relative humidity: <85%RH;

2、 Panel Instructions



3、 Operating

When it is switched on, “8888...”displays for about 4 seconds, it starts running. Press the temperature menu button “”, the controller runs into the temperature / time setting state, the under window of controller displays the symbol of temperature setting “SP”, and the over window of the displays the set value of temperature, the user can adjust the value according to the needs. Re-press the button, the controller runs into the time setting state, the under window of controller displays the symbol of time setting “St”, the over window displays the set value of time, the user can adjust the value according to needs (0~9999) (If the working time is set as 0000, it indicates the timer is inoperative, the controller will run continuously.) Press the button again, then it returns to the running state. Press the menu button of temperature for 3 seconds, it runs into the internal value setting state; if press another 3 seconds, it will return to the running state. In the above mentioned 2 states, if there is not any operation for 30s, the controller will auto quit the above mentioned states and the adjusted value will not be saved. When the runtime is over, the over window of controller will display “End”, the buzzer will sound for 30s, then it can be muted by pressing the button “”. When press the button “”for 4s at the time, the program will restart then.

When the heater is working, the ALM indicator turns on.

When temperature is beyond “SP+AL”, the ALM indicator turns on.

4、Parameter list

Parameter indicator	Name	Instruction of the function	(Setting range) factory set value
Lc-	Password key	when Lc=3 ,then we can enter the next parameters listed.	0
P--	Proportional band	Adjustment of proportional function.	(20.0~80.0) 50.0
AL-	Alarming setting	When temperature is beyond “SP+AL”, the ALM indicator turns on. The buzzer sounds and the heater output turns off.	(0.0~20.0) 20.0℃
Pb-	Zero point adjust	When the zero error comparatively larger, to update this value should be needed. Pb=measure value –actual value	(-9.9~9.9) 0.0
PK-	Full point adjust	When the full point error also comparatively larger, to update this value should be needed. $PK=1000 \times (\text{measure value} - \text{actual value}) / \text{actual value}$.	(-999~999) 0
rH-	Range of temp setting	The range of temperature setting.	(0.0~400.0) 300.0

5、Wiring

