

DHC1T-D

DIGITAL TEMPERATURE CONTROLLER

MODEL CODE:
DHC ① T-D- ② - ③

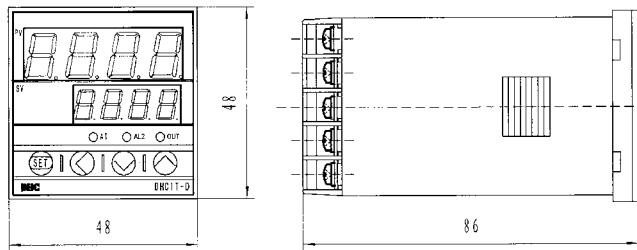
- | | | |
|--------------|---------------|--------------------------|
| ① PANEL SIZE | ② INPUT TYPE | ③ OUTPUT TYPE |
| 1: 48X48MM | K400 , | R: RELAY |
| 2: 72X72MM | K1300 | S: SSR |
| 3: 48X96MM | PT (100), 100 | V: EXTERNAL POWER OUTPUT |
| 4: 96X96MM | PT (100), 400 | |
| | J400 | |



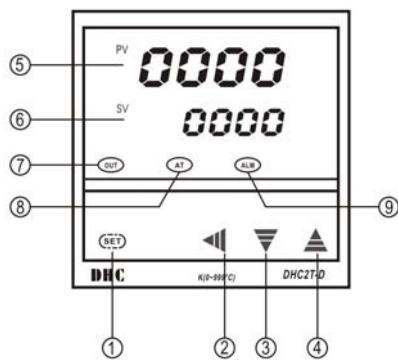
Specifications

- | | | | |
|----------------------------|-----------------------------|--------------------------|-----------------------|
| ● Supply voltage: | AC 220V 50Hz | ● Display : | LED |
| ● Operation voltage range: | 85%~110% | ● Operation temperature: | -10~40°C |
| ● Control output : | Relay :3A/AC250V cosΦ=1 | ● Operation humidity: | 35~85%RH |
| ● Alarm output : | Relay :1A/AC250V cosΦ=1 | ● Storage temperature: | -25~65°C |
| ● Hysteresis: | 1-999°C | ● Altitude: | 2000m |
| ● Indication accuracy: | 0.5%+1digit | ● Dielectric strength: | 2000V AC 50Hz 1minter |
| ● Power consumption: | ≤6VA | ● Insulation resistance: | 20MΩ min (500V) |
| ● Relay life: | 10 ⁵ (3A AC250V) | | |

Dimensions



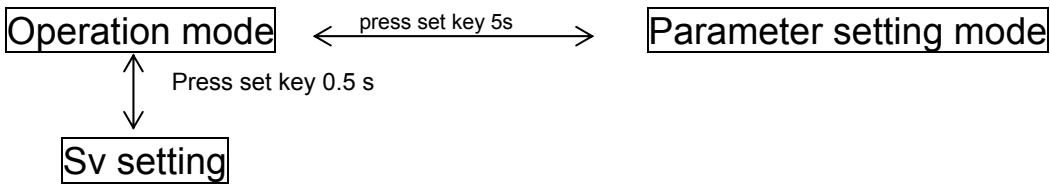
Terminal Arrangement



- ① Set key
- ② Setting digit shift key
- ③ Set Value decrement key
- ④ Set value increment key
- ⑤ Measured-value PV display unit
- ⑥ Set -value display unit
- ⑦ Out
- ⑧ AT : when Auto PID setting is doing the AT lamp is shut
- ⑨ Alm: when temperature upper than sv+SHP set alm will on

DHC1T-D

■ Operation



Note:

1. When in parameter setting mode & AT=0 ,press set key up to 5S the controller will back to operation mode
2. When At=1 press set key up to 5s the controller will finish set mode and come into AUTO PID setting
3. In AUTO PID setting mode press set key ,the controller will finish AUTO PID setting and come into parameter setting mode. If you want go back into AUTO PID setting mode .You need set AT to 01,and press set key up to 5s
4. If you finish parameter setting ,you need press set key upto 5s let it back to operation mode. If you have not do this, you set will be not input. The data will back to before.
5. You can set the lock to 01 / 02 for prevent other change data

■ Parameter types

symbol	name	Setting range	description	Set ting in factory
So	Sv controller temprature	0-999	Set controller temprature	150
SHP	Alarm upper shift value	0~999	Set Alarm upper shift than sv set value	10
SC	Senser input shift	-10~10	Set senser input shift	0
P	Proportional band	1~999	Can not set p=0	20
I	Integral timer	0~3600	I=0 Integral is off	130
d	Derivative timer	0~3600	D=0 Derivative is off	30
r	Proportional cycle	1~99S	R can not set into 0	20
At	Auto PID	00/01	00: STOP AUTO PID 01: START AUTO PID	00
Lok	Set date lock	00/01/02	00: No data locked 01: only Sv changeable 02: all data l ocked	00

■ CONNECTIONS

