



### Parameter Setting:

Press the set button for 4 seconds, the thermostat will display A00. Press the SET button again to select the parameter you want to modify.

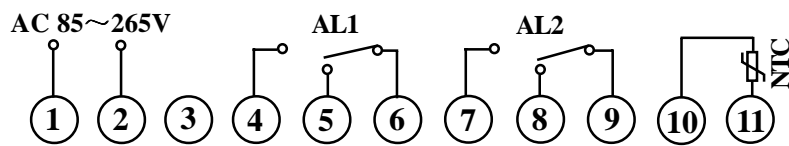
To modify the value press the LEFT button to select and UP button to modify.

Press the SET button for 4 seconds to confirm your setting value, the unit will confirm itself if no buttons are pressed for more than 50 seconds.

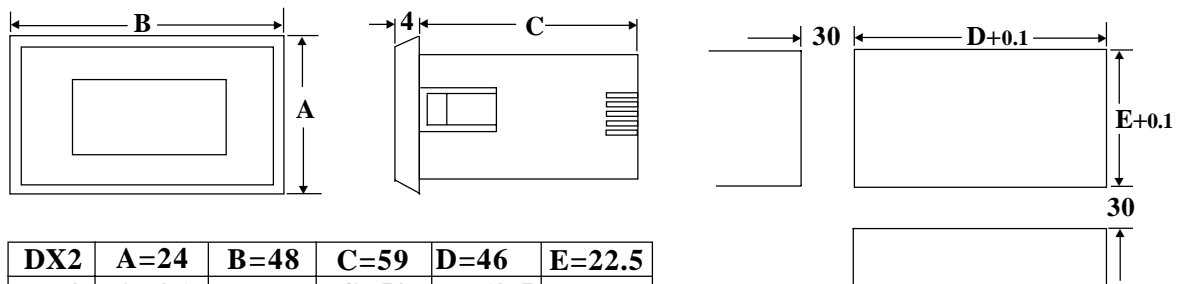
Press SET key to confirm when the modification finished.

Code	Meaning	Range	Unit	Factory setting
$\text{R} \square \square$	Calibration(measure offset)	-9~19	℃	0
$\text{b} \square \square$	Regulator hysteresis	1~19	℃	2
$\text{c} \square \square$	Disabling time at the output activation from the preceding deactivation	0~19	min	3
$\text{d} \square \square$	Defrost interval	0~99	h/min	8
$\text{E} \square \square$	Defrost length	1~99	min/sec	30
$\text{F} \square \square$	Delay to the defrost activation from the instrument start	0~99	min	15
$\text{G} \square$	Display locked in defrost	0=NO	1=YES	1
$\text{U} \square$	Unit selection for Parameters $\text{d}$ and $\text{E}$	0=hours (min)	1=min (seconds)	0

### 5、Terminal connection



### 6、Figure and dimensions



DX2	A=24	B=48	C=59	D=46	E=22.5
DX3	A=36	B=72	C=59	D=69.5	E=33.5
DX6	A=48	B=96	C=59	D=93.5	E=45

### 7、Signals and alarms

LED displays “EO” and flashes, it means probe defective or wrong connected.

LED displays  $\text{H} \text{H} \text{H} \text{H}$  exceed max measuring value.

LED displays  $\text{L} \text{L} \text{L} \text{L}$  exceed min measuring value.

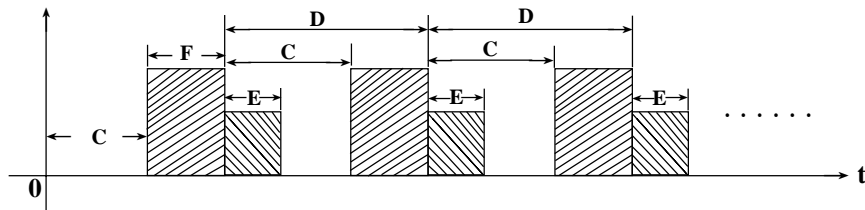
“OUT1” lamp on: The compressor is running.

“OUT2” lamp on: The instrument is defrosting.

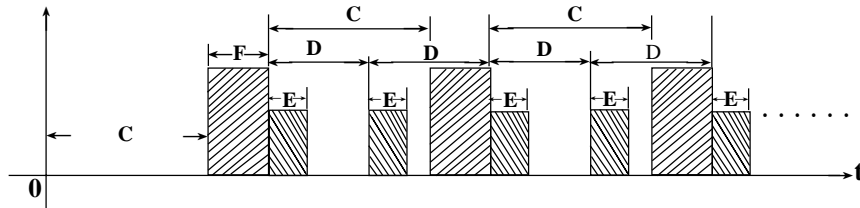
## 8、 Control time procession

### 8. 1、 Measuring value > Setting point (Start defrosting G=1)

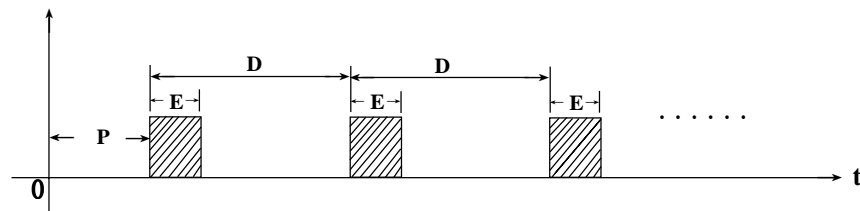
#### ① $D > C$



#### ② $D < C$



### 8. 2、 Measuring value < Setting point (Start defrosting G=1)

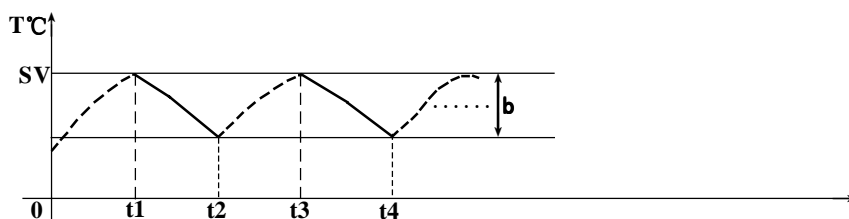


Note: In the above figures,  stands for the length of instrument running;

 stands for the length of defrosting.

In case  $F > D$ ,  $P = D$ ; In case  $F < D$ ,  $P = F$

### 8. 3、 In case without defrost control, the control mode is as follows:



Note: In the above figure SV is the “setting value”, b is the regulating hysteresis. The continuous line means the compressor is activated (AL1 output). The broken line means the compressor is off. If when the thermostat is turned on and the measured value is less than the setting value, the compressor will stay off. If it is greater but ‘t1’ is less than ‘C’ the unit will put the compressor into standby mode and the AL1 output will be activated until  $t1 = C$ .

The set temperature between ‘t1 and ‘t2’ is the regulating hysteresis.

If  $t3 - t2$  is greater than ‘C’, the compressor will be activated, If it is less the compressor will stay off until  $t3 - t2 = C$ .



TOKY ELECTRICAL CO., LTD

Hongkong (FAX) : 00852-26146109

Mainland (FAX) : 0760-2226859

东崎仪表

(Add): NO.1 Gaosha Road Dongsheng Town Zhongshan City Guangdong Province China

杰出品牌

[http:// www . toky. com. cn](http://www.toky.com.cn)

E-mail: [xs@toky.com.cn](mailto:xs@toky.com.cn)