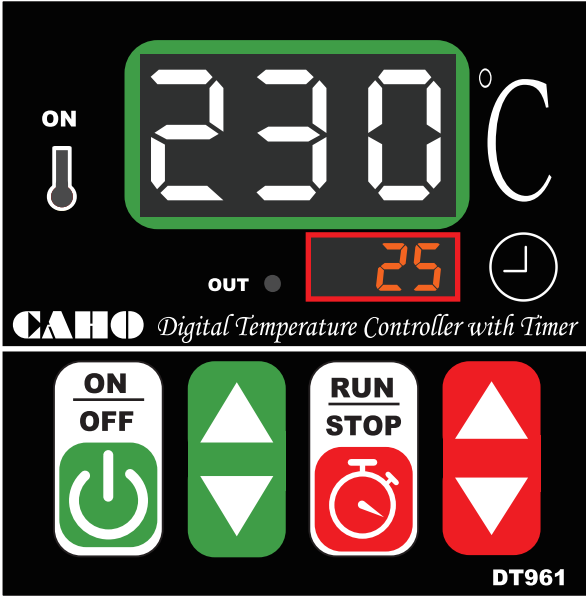




PANEL DESCRIPTION



ON / OFF	ON / OFF BUTTON KEY: Power on/off button key. It is also used to enter each parameter level for setting. OFF BUTTON KEY: Is used to stop/halt output. Screen display "OFF", flashing together with the current temperature value alternately. ON BUTTON KEY: Output ON. Display SV temperature (flashing) first, then in a few seconds it will display the current temperature after.
TEMPERATURE KEY SETTING TIMER KEY SETTING UP / DOWN KEY	UP KEY: Is used to increment set value. DOWN KEY: Is used to decrement set value.
TIMER RUN/STOP BUTTON	Is used to run and stop timer after setting.
OUTPUT INDICATOR	LED ON: OUTPUT ON LED OFF: OUTPUT OFF
TIMER INDICATOR	LED ON: TIME OUT LED OFF: TIME OFF

* Whether the power had directly applied or by pressing the ON/OFF power button, the screen will display the set temperature value (flashing) first, then to be followed by the current temperature value.

* Regardless of what parameter level you are in, if left idle within 5 secs, the display will automatically return to its original operation mode.

PARAMETER DESCRIPTION LIST AND SETTING:

A. FOR TEMPERATURE CONTROL PARAMETER

(PRESS AND HOLD ON/OFF BUTTON FOR 5 SECS TO ENTER EACH PARAMETER LEVEL)

CODE	DESCRIPTION	SETTING RANGE	UNIT	DEFAULT VALUE	REMARKS	
LEVEL 1	R1	ALARM1 SET VALUE	LoL ~ HiL	°C	10 R1F IF SET NO, NO DISPLAY	
	R2	ALARM2 SET VALUE	LoL ~ HiL	°C	20 R2F IF SET NO, NO DISPLAY	
LEVEL 2 (PRESS AND HOLD ON/OFF BUTTON FOR 5 SECS)	P	PROPORTIONAL BAND	0~100	%	0 BECOMES ON/OFF CONTROL IF P=0	
	t	CYCLE TIME	0~100	SEC.	RELAY = 10 SEC SSR = 2 SEC SCR = 0 SEC PARAMETER NOT AVAILABLE IF P=0	
	HYS	HYSTERESIS	0~50%FS	°C	2 AVAILABLE IF P=0	
	PVo	PV OFFSET	-50%~50%FS	°C	0	
	SVo	SV OFFSET	-50%~50%FS	°C	0	
	on	ON/OFF SETTING MODE	1、2、3、4、5		1	REFER TO NOTE (1) - ON/OFF MODE SETTING DESC.
	ton	TIME-ON SELECTION	OFF、1~300		OFF	REFER TO NOTE (2) - SETTING ton VALUE
	tEd	TIME-END SELECTION	0、1		0	IF tEd = 1 = ON, THE OUTPUT TURNS OFF AUTOMATICALLY.
LEVEL 3 (PRESS AND HOLD ON/OFF BUTTON FOR 5 SECS)	db	-	-50~50		0	SETTING NOT AVAILABLE
	tYP	INPUT SELECTION TYPE	K、J	type	t	
	LoL	LOWEST TEMP. SETTING LIMIT	0-SV	°C	0	
	HiL	HIGHEST TEMP. SETTING LIMIT	SV-400	°C	400	
	FiL	FILTER SETTING	0~100		2	
	Rt	CONTROL ACTION SETTING	H/E		H	H: HEATING E: COOLING
	t d 1	SV LOOP DISPLAY SETTING	0、5、10、30、60	SEC.	0	
	t d 2	ALARM DELAY TIME SETTING	0~100	SEC.	0	
	R1F	ALARM1 MODE SETTING	no、H、Lo、dFH、dFL		no	REFER TO NOTE (3) - ALARM OUTPUT TYPES
	R2F	ALARM2 MODE SETTING	no、H、Lo、dFH、dFL		no	REFER TO NOTE (3) - ALARM OUTPUT TYPES
	R1Y	ALARM1 HYSTERESIS SETTING	0~R1	°C	1	
	R2Y	ALARM2 HYSTERESIS SETTING	0~R2	°C	1	
	tH	4-20mA OUTPUT HIGHEST SETTING	0~500		470	ONLY APPEARS WHEN t=0
	tL	4-20mA OUTPUT LOWEST SETTING	0~500		90	ONLY APPEARS WHEN t=0
uEr	VERSION					

B. EXPLANATORY NOTE:

NOTE (1): ON/OFF MODE SETTING DESCRIPTION:

CODE	MODE DESCRIPTION	SCREEN DISPLAY
1	OUTPUT STOP, ALARM OFF	"OFF"
2	OUTPUT STOP, ALARM ON	"OFF"
3	OUTPUT STOP, ALARM OFF	ALL OFF NO DISPLAY
4	POWER ON: OUTPUT STOP, ALARM OFF	SCREEN DISPLAYS "OFF" WHEN POWER ON
5	POWER ON: OUTPUT STOP, ALARM OFF	DECIMAL POINT LIT ON

NOTE (2): Setting the value range for ton

It refers to the difference between the display temperature value and the setpoint value.
For instance:
SV = 100
ton = 1
It indicates that once the temperature reaches 99 degrees celcius, the controller timer will start automatically.

NOTE (3): ALARM OUTPUT TYPES ILLUSTRATION:
(A1F AS EXAMPLE)

CODE	DESCRIPTION TYPE	ILLUSTRATION
no	NO ALARM	NONE
Hi	ABSOLUTE VALUE UPPER LIMIT	A1 ↓ A1 ON
Lo	ABSOLUTE VALUE LOWER LIMIT	A1 ON ↓ A1
FH	DEVIATION UPPER LIMIT	A1 ↓ A1 ON SV
dFL	DEVIATION LOWER LIMIT	A1 ON ↓ A1 SV

C. FOR TIMER PARAMETER

(PRESS AND HOLD RUN/STOP BUTTON FOR 5 SECS TO ENTER EACH PARAMETER LEVEL)

CODE	DESCRIPTION	SETTING RANGE	UNIT	DEFAULT VALUE	REMARKS
LEVEL 1	Unit	HH.n̄, n̄n̄n̄, 555	H: Hour n̄: Min H: Sec	n̄	10 MINUTES
	rEL	R.b	-	R	
	oUt	oFF	-	oFF	SETTING NOT AVAILABLE
	5Y1	0	SEC	0	SETTING NOT AVAILABLE
	5Y2	0	SEC	0	SETTING NOT AVAILABLE

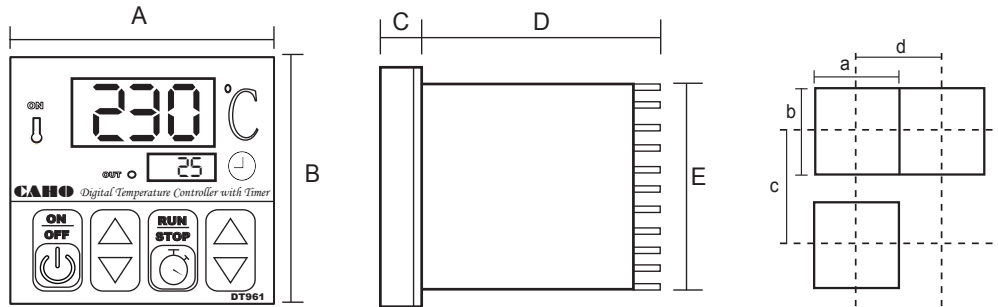
SPECIAL CHARACTER GUIDE

A	B	C	D	E	F	G	H	I	J	K	L	M
R	b	c	d	E	F	G	H	,	J	k	L	n̄
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
n	o	P	q	r	S	t	U	v	w		y	≡

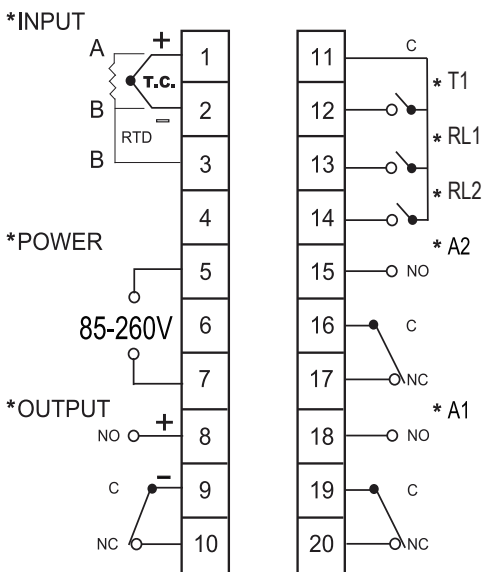
DIMENSION

(PANEL CUT-OUT 91*91mm)

MODEL	A	B	C	D	E	a	b	c	d
DT961	96	96	12	85	90	91 ^{+0.5} ₀	91 ^{+0.5} ₀	120	110



WIRING DIAGRAM



ORDERING CODE

