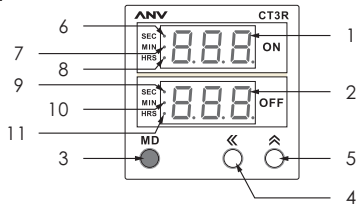


MULTI-FUNCTION DIGITAL TWIN TIMER

MANUAL

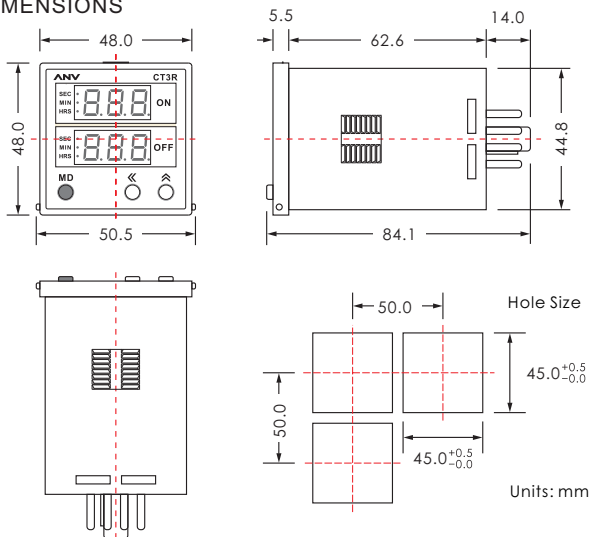
CT3R

FRONT PART



SYMBOL	NAME	FUNCTION
1	ON	Present/Setting Value Display of present / setting value
2	OFF	Present/Setting Value Display of present / setting value
3	MD	Mode Key Time range select key
4	◀	Function/Shift Key Function Key : Select count UP or count DOWN Shift Key : Move the position of digit
5	⏴	Increase/Check Key Increase key : Increase setting value Check Key : Check ON/OFF setting value
6	SEC	ON-SEC Indicator When setting value is ON-second
7	MIN	ON-MIN Indicator When setting value is ON-minute
8	HRS	ON-HRS Indicator When setting value is ON-hour
9	SEC	OFF-SEC Indicator When setting value is OFF-second
10	MIN	OFF-MIN Indicator When setting value is OFF-minute
11	HRS	OFF-HRS Indicator When setting value is OFF-hour

DIMENSIONS



Units: mm

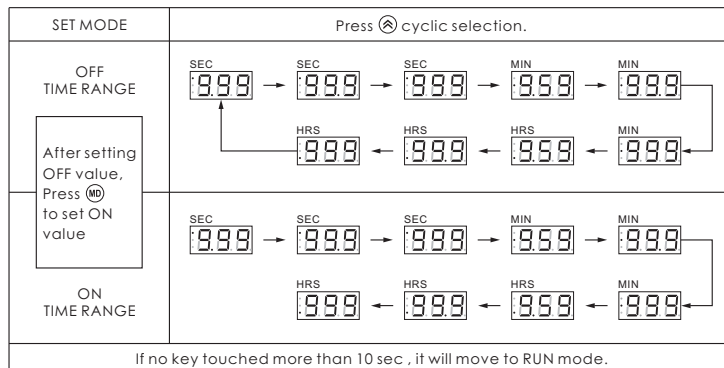
TRAL01

SPECIFICATIONS & CHARACTERISTICS

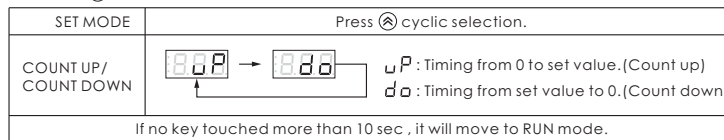
MODEL	CT3R	CT3R-2S	CT3R-T	CT3R-T1
DIMENSIONS(mm)	48H×48W×84D			
MOUNTING & SOCKET	US-08 + Y-50 or P3G-08 + Y-50 or P2CF-08			
RESET METHOD	Power Reset, External Reset			
RESET TIME	Power Reset : 0.3sec ; External Reset : 0.02sec			
RATED VOLTAGE	DC(V):12, 24 ; AC(V): 100~240 50/60Hz			
OPERATING VOLTAGE	90~110% of rated voltage			
ON/OFF TIME RANGE	SEC: 9.99, 99.9, 999 MIN: 9.59, 99.9, 999 HRS: 9.59, 99.9, 999			
CONTROL OUTPUT	Mode A/B 2C or 1A1C	Time Limit: 1C×2	Time Limit:1C 1+4 Start 1+3 Reset	Time Limit:1C 1+4 Start 1+3 Reset
ACCURACY	REPEAT ERROR	±0.05% sec		
	SETTING ERROR	0		
	VOLTAGE ERROR	±0.05% sec		
	TEMP. ERROR	±0.05% sec		
LIFE	MECHANICAL	5×10 ⁶ times		
	ELECTRICAL	10 ⁵ times		
CONSUMED POWER	Max.2~3VA			
WEIGHT	Approx.140g			

CHANGE OPERATION MODE

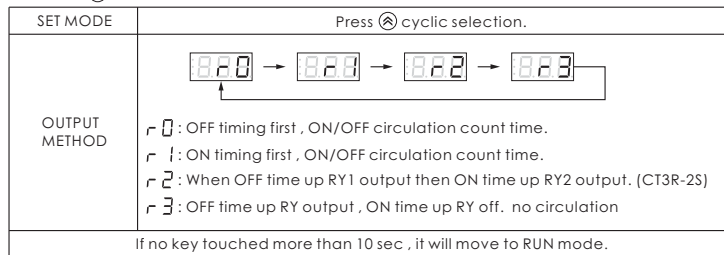
● Press (MD) for more than 10 sec , it will be enter TIME RANGE selection.



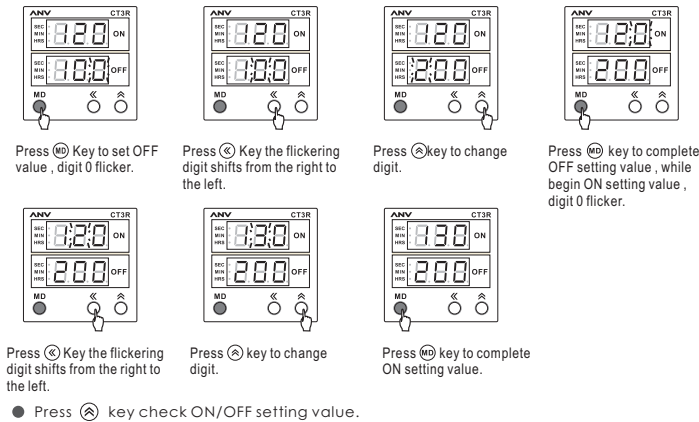
● Press (◀) for more than 10 sec , it will be enter count UP or count DOWN selection.



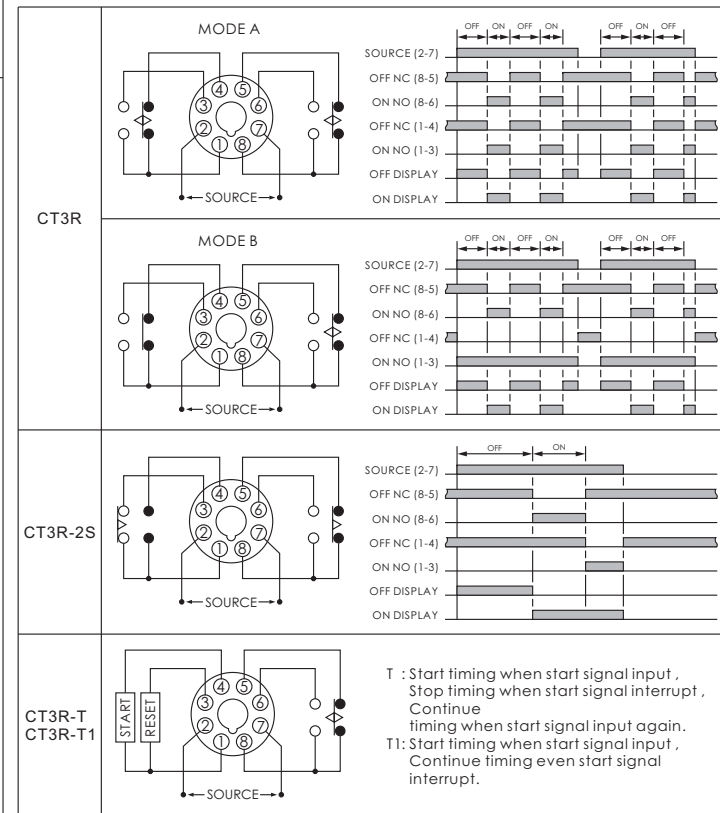
● Press (⏴) for more than 10 sec , it will be enter OUTPUT METHOD selection.



CHANGE OF SETTING VALUE



CONNECTION DIAGRAMS TIMING CHARTS



DEFAULT VALUE

TIMER RANGE	OFF: 999S / ON: 999S
OUTPUT MODE	0: Time UP operating
MEMORY FUNCTION	No memory function
UP/DOWN MODE	0: Time proceeds from 0(Zero) to the set value