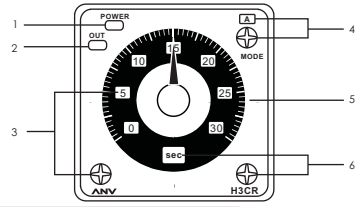
ANV ELECTRIC

H3CR

MULTI-FUNCTION TIMER

MANUAL

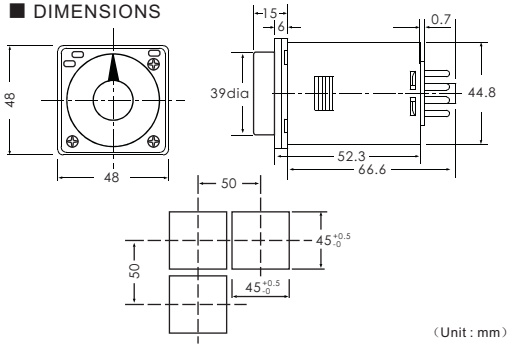
■ FRONT PART



Number	Function	Number	Function
1	Power indicator	4	*Operating mode selector
2	Output indicator	5	Setting dial
3	Rated time selector (1, 2, 3, 12, 30)	6	Time unit selector (sec,min,hrs,10h)

*H3CR-A : A、B、B2、C、D、E
H3CR-A-300 : G、J
H3CR-A8 : A、B2、E、J

■ DIMENSIONS



(Unit : mm)

■ ORDERING INFORMATION

MODEL	TIME RANGE	RATED VOLTAGE	OUTPUT METHOD	OPERATING MODE	PIN TYPE
H3CR-A	300hrs	100~240VAC	TIME LIMIT 2C	A:Signal ON delay B:Flicker OFF start B2:Flicker ON start C:Signal ON-OFF delay D:Signal OFF delay E:Signal ON interval	11 Pin
H3CR-AS	300hrs	100~240VAC	TIME LIMIT 1C (TRANSISTOR)		
H3CR-A-300	300hrs	100~240VAC	TIME LIMIT 2C	G:Signal ON-OFF delay J:One-shot output	
H3CR-A8	300hrs	24~240VDC/AC	TIME LIMIT 2C	A:Signal ON delay B2:Flicker ON start E:Signal ON interva J:One-shot output	8 Pin
H3CR-A8E	300hrs	24~240VDC/AC	TIME LIMIT 1C INSTANTANEOUS 1C		
H3CR-A8S	300hrs	24~240VDC/AC	TIME LIMIT 1C (TRANSISTOR)		

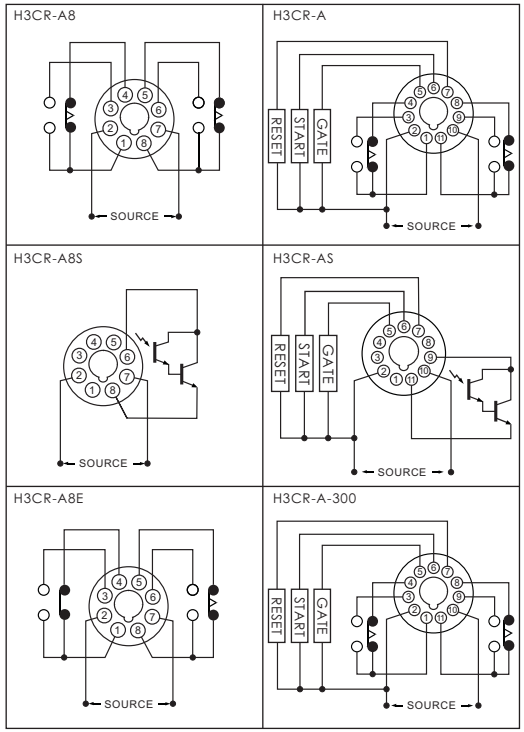
■ TIME RANGE

FULL SCALE SETTING \ TIME UNIT		sec	min	hrs	10h
300hrs	1.2	0.05~1.2	0.12~1.2		1.2~12
	3	0.3~3			3~30
	12	1.2~12			12~120
	30	3~30			30~300

■ SPECIFICATION & CHARACTERIRTICS

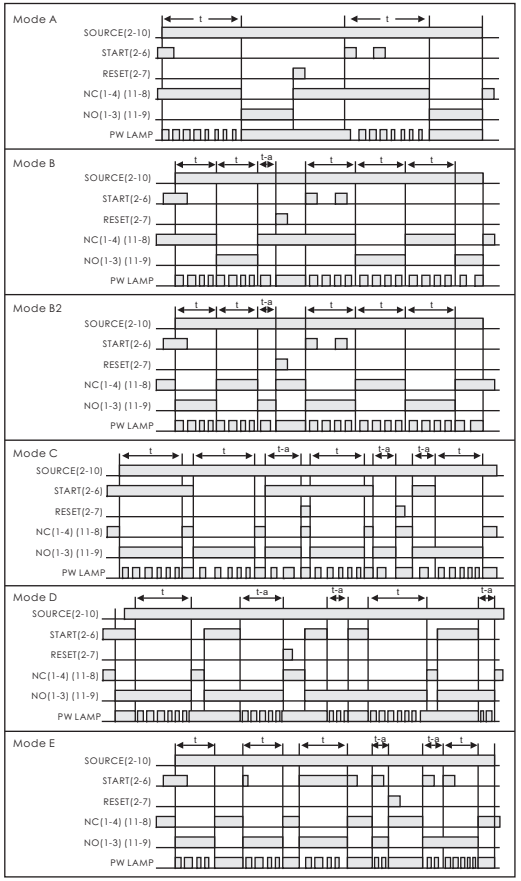
DIMENSIONS		48H x 48W x 81.6D(mm)
RESET TIME		0.1sec max.
ACCURACY	REPEAT ERROR	0.3% max.
	SETTING ERROR	5% max.
	VOLTAGE ERROR	0.5% max.
	TEMP. ERROR	2% max.
LIFE	MECHANICAL	5×10^6 times
	ELECTRICAL	10^5 times
INSULATION RESISTANCE		100 M . Min(at 500VDC)
DIELECTRIC STRENGTH		2000VAC, 50/60Hz for 1 min between current-carring metal parts and exposed non-current-carring metal parts 2000VAC, 50/60Hz for 1 min between control output terminal and operating circuit 1000VAC, 50/60Hz for 1 min between not located next to each other
AMBIENT TEMPERATURE		-10℃~+55℃
AMBIENT HUMIDITY		45~85%RH
DEGREE OF PROTECTION		IP40(Panel Surface)
WEIGHT		Approx. 90g

■ CONNECTION DIAGRAMS

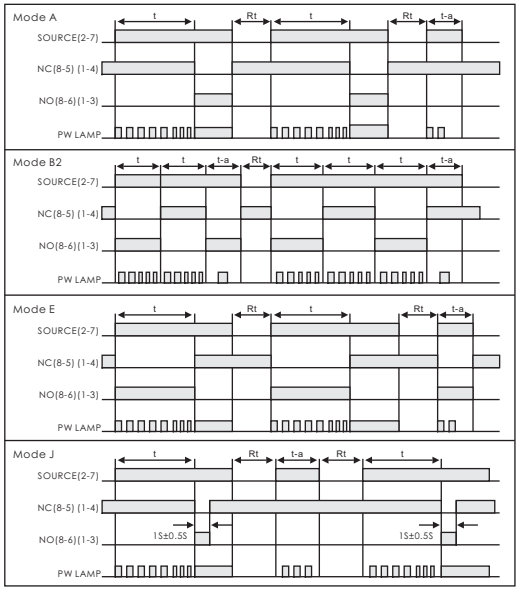


■ TIMING CHARTS

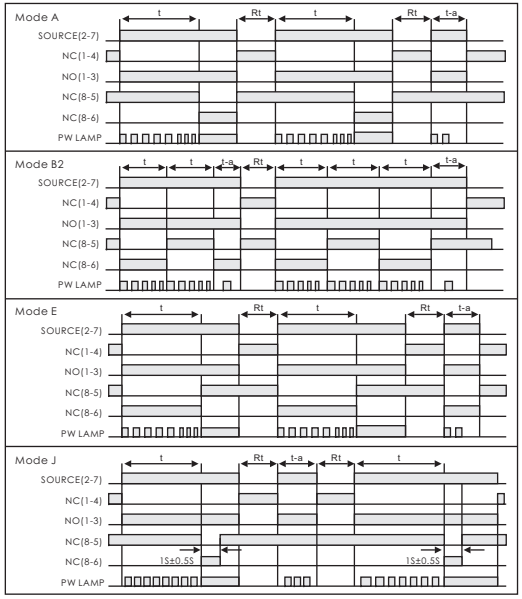
● H3CR-A



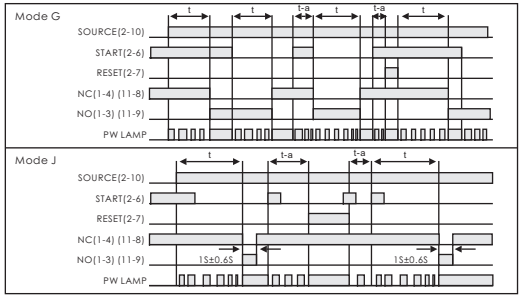
● H3CR-A8



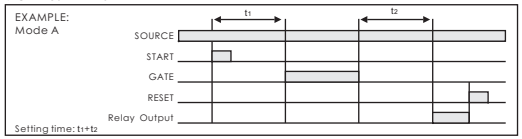
● H3CR-A8E



● H3CR-A-300



● GATE USE METHOD



■ NOTICE

1. Make sure that the load power supply is within the rating
2. Never disassemble,modify or repair
3. Make sure the proper product is specified for the application
4. Wire terminals with correct polarity
5. Locate the timer,input devices and input signal wiring as far as possible from noise sources and conductors carrying high voltage

■ MAIN PRODUCTS

- TIMER
- TEMPERATURE CONTROLLER
- CONTROLLER/INDICATOR UNITS
- SOLID STATE RELAY
- PROXIMITY SWITCH
- POWER RELAY
- THERMOCOUPLE
- COUNTER
- FLOATLESS RELAY
- LIMIT SWITCH
- DIGITAL PID CONTROLLER
- SOCKETS & ACCESSORIES

2016.11.16