

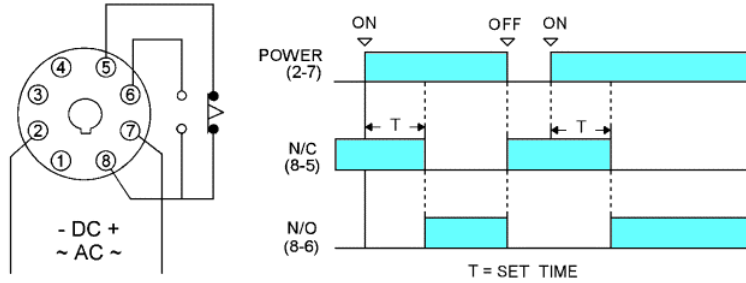
# 48\*48mm DIN-SIZED ON DELAY ELECTRONIC TIMER

( Mono Working Voltage/ Mono Time Range )

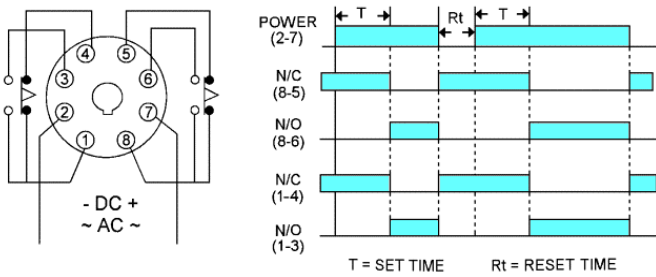
<b>Model No.</b>		JHB-1 , JHB-2
<b>Classification</b>		
<b>Appearance &amp; Dimensions</b>		
<b>Dimensions</b>		<a href="#">FIG. 1</a>
<b>Supply</b>	Rated frequency	50/60Hz +/- 1Hz
	Rated voltage	24VAC/DC, 48VAC, 110VAC, 220 • 240VAC
	Disengaging value of input voltage	JHB-1: 32 +/-3%      JHB-2: 50 +/-3%
	Supply tolerance	85% to 110%
	Power consumption	240VAC/ 15VA, 110VAC/ 5VA, 24VAC/ 1.5VA, 24VDC/ 1VA
<b>Output</b>	Relay contacts	JHB-1: SPDT; JHB-2: mode A (DPDT) or mode B ( instantaneous contact + SPDT) selectable by DIP switch
	Contact capacity	7A250VAC Resistive load, (AC-12)
	Rated value for limiting continuous current Ith	7A/250VAC, 7A30VDC
	Mechanical life	10,000,000 operations
	Max. permitted number of operations per hour	600 (at I max. 250VAC resistive load)
	Electrical life	100,000 operations
	Conditional short-circuit current	Shall be connected in series with the short circuit protective device like as 10A Fuse
<b>Accuracy</b>	Repetition accuracy	+/-0.2% Max
	Setting accuracy	+/-5% Max
	Voltage accuracy	+/- 0.5% Max
	Temperature accuracy	+/-2% Max
	Reset time	0.1 Sec Max
<b>Time range</b>		Wide variety of timing ranges: 1S, 3S, 6S, 10S, 30S, 60S, 3M, 6M, 10M, 30M, 60M, 3H, 6H, 10H
<b>General spec.</b>	Housing material	self - extinguishing
	Ambient temperature	-10 ~ +45Deg.C
	Ambient humidity	85% Max
	Storage temperature	-25 ~ +55Deg.C
	Transport temperature	-25 ~ +70Deg.C
	Degree of pollution	2
	Degree of protection	Housing : IP40, Socket: IP20
	Overvoltage category	III
	Dielectric strength	2000V 1 Min and Impulse 4800V
	Mounting position	Panel mounted by clip Base mounted on socket
<b>Remarks</b>	DO NOT OPERATE (OR TOUCH TO) DIP SWITCH WHEN TIMER IS CONNECTED TO POWER	

## CONNECTION DIAGRAM & TIMING CHART

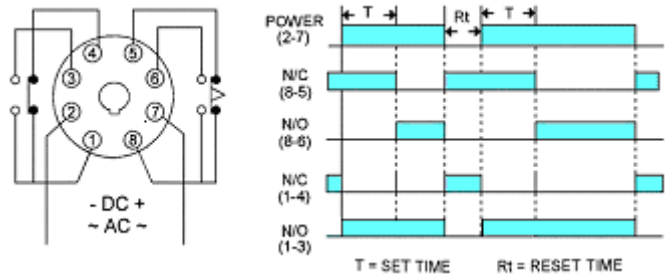
JHB-1: SPDT



JHB-2: MODE A: DPDT



JHB-2 MODE B: INSTANTANEOUS CONTACT+SPDT



## ORDERING CODE

HB	1	2	05
OUTPUT MODE	1: SPDT	2: Mode A & B alternative by DIP switch	
RATED VOLTAGE	1: 110VAC	2: 220VAC	3: 380VAC
	4: 440VAC	5: 12VDC	6: 24VAC/DC
TIME RANGE	01: 1S	02: 3S	03: 6S
	04: 10S	05: 30S	06: 60S
	07: 180S	08: 6M	09: 10M
		10: 30M	11: 60M
		12: 180M	13: 6H
		14: 10H	