



## H3BA series

## Multi-range analogue timer

The H3BA series Multi-range analogue timer is a time-limited type of timer. It has a variety of time setting ranges and voltages you can choose, it is mainly used for equipment control.

## Description

- Multi-range analogue timer
- Time setting range of 0.5s to 100h
- Handles a wide range of applications through eight operating modes.
- 2 modes selectable via slide switch: Mode A (2C) for DPDT time-limiting output contacts and Mode B (1A1C) for SPDT instantaneous and time-limiting output contacts
- Big and easy to read dial shows decimal points
- Timing LED Indicates Output Relay Status

## Product selection

Type	Output contact	Mounting & Socket	Time range	Operation voltage
H3BA	2C	Surface (-N): PF113A(E) Flush (-Y): US-11	0.5Seconds- 100Hours	24-240V DC/AC
H3BA-8		Surface (-N): P2CF08 PS-08 Flush (-Y): US-08 P3G-08		DC (V): 12,24,48
H3BA-8H	1A1C			AC (V): 12, 24, 110, 220, 50/60Hz
				Allowable 85~110% of rated operating voltage

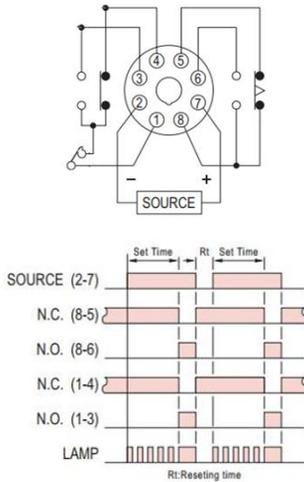
## Technical data

Indicator operating	Time operating flicker
Contact rating	250VAC 5A (resistive load)
Life	Mechanical 5×10 <sup>7</sup> times
	Electrical 1×10 <sup>5</sup> times

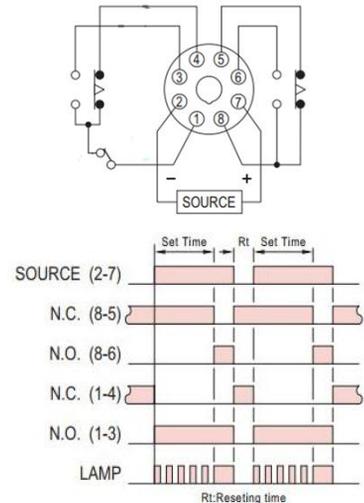
Accuracy	Repeat error	±1.0%max
	Setting error	±10.0%max
	Voltage error	±1.0%max
	Temperature error	±2.0%max
Reset time	Max 0.5sec	
Insulation resistance	100MΩ (DC 500V) min	
Class of protection	1500VAC	
Permitted ambient temperature	-10 ~ +50 °C (non-icing)	
Power consumption	100-240VAC:1VA; 12VDC,24-240VDC:1.5W	

## Wiring diagram & Timing chart

2C



1A1C



## Dimensions

