



1 产品用途 Product Using

BS-7B 集成电路时间继电器(以下简称产品)用于电力系统二次回路继电保护及自动控制回路中,作为延时装置,使被控元件得到所需延时。

BS-7B integrated circuit time relay (hereinafter abbreviated to product) is used in secondary circuit relay protection or automatic controlling circuit of electric system, working as delay device for controlled component.

2 主要技术参数 Main Technological Parameter

- 额定电压: 直流 220、110、48V。
- 延时整定范围, 见表 1。
- 触点形式: 一转换
- 变差: 在额定电压下环境温度为 $20 \pm 2^\circ\text{C}$ 时任意整定点的 10 次测量的实际动作值中最大值与最小值之差不大于 10 次算术平均值的 1%。
- 功率消耗: 不大于 6W。
- 触点容量: 在感性负载直流电路中(其时间常数为 $5 \pm 0.75\text{ms}$), 当电压不大于 250V, 电流不大于 2A 时, 触点容量不大于 50W。
- 介质强度: 产品各导线端子连在一起, 对外露的非带电金属部分或外壳之间, 能承受 2000V(有效值)50Hz 的交流电压历时 1 分钟试验而无绝缘击穿或闪络现象。

表 1

Rated voltage: DC 220, 110, 48V

Delay setting range: see table 1

Contact form: 1 pair of switching

Changing difference: under rated voltage, environmental temperature of $20 \pm 2^\circ\text{C}$, among random 10 measurements, the difference between max. value and min. value is less than 1% of arithmetic mean of them.

Power wastage: not more than 6 W

Contact capacity: in sensitive loading DC circuit, in which the time constant is $5 \pm 0.75\text{ms}$, when voltage is less than 250V and current less than 2A, the contact capacity is less than 50W.

Dielectric strength: Connected all terminals, to exposed non-metal part or shell, it can pass hi-pot test of 2000V, 50Hz AC voltage for 1 minute, no flashover or breakdown occurred.

序号 Sequence no.	1	2	3	4	5	6	7	8	9	10
最大整定值 Max. setting value	37.5s	75s	150s	5min	10min	20min	40min	160min	320min	640min
延时范围 Delay range	7.5~ 37.5s	15~ 75s	30~ 150s	1~ 5min	2~ 10min	4~ 20min	8~ 40min	32~ 160min	64~ 320min	128~ 640min
电源电压(V) Voltage (V)	DC 直流 220、110、48									

3 外形安装尺寸、接线图 Outline and mounting dimensions, Wiring drawing

- 继电器采用 AHK、AHH、AHQ 系列壳体。
Relay is adapted AHK, AHH, AHQ series shells.

