

LT4S Series



General

- (1) 4 bits dial code preset time ,with LED display of high bright ,digit height is 0.36 inch.
- (2) 1 bit dial code set and delay multiplying factor ,multiplying factors up to 8 varieties.
- (3) With high performance built-in microchip,taking high accuracy crystal as clock source,the delay accuracy highly up to 0.05%.
- (4) Input signal adopts photoelectric coupling isolation to increase the anti-interference capability.
- (5) Wide applicable range for working power,85~265VAC/DC free input.
- (6) No need to equip with base additionally for binding post type connection method, it is convenient for user to wire. Insulation resistance between connecting terminals highly up to 500M Ω .
- (7) Three kinds of reset modes, two groups of relays output, four kinds of standards types can be combined to use, and applicable to every occasions.

Technical parameters

Class	Multiplex type preset time limit relay			
Type	LT4S	LT4SE	LT4SY	LT4SC
Delay multiplying factor	1mS、0.01Sec、0.1Sec、1Sec、1Min、1Hr、1Min/Sec、1Hr/Min			
Delay range	1-9999 time delay multiplying factor (1Min/Sec、1Hr/Min is sexagesimal, others are decimal system)			
Description of main functions	Plus delay, time limit the two groups of relay, with battery backup function	Plus delay, time limit the two groups of relay, with battery backup function	Minus delay, time limit the two groups of relay, with battery backup function	Plus delay, time limit, instantaneous one group, with battery backup function
Contact capacity	Impedance load:Max 5A/250VAC or 5A/28VDC			
Control signal	With pause and reset terminal input voltage for input terminal is forbidden. Short circuit (ON) impedance less than 3k Ω ,open circuit (O) impedance exceed 200k Ω , signal input is photoelectric coupling insulated.			

Reset	Power on reset, panel keying reset and bottom terminal rese (Remark 1)
Display mode	4 bits LED display of high bright, indicating sec flashes, indicating position changes synchronistically according to the set time multiplying factor
Rated working voltage	85~265VAC/DC input free, other working voltage upon request
Time accuracy	Repetitive error: $\pm 0.03\%$, Voltage error: $\pm 0.05\%$, Temp. error: $\pm 0.05\%$
Power consumption	4.5VA
Operating environment	Ambient temperature: $-10^{\circ}\text{C} \sim 55^{\circ}\text{C}$ (nonfreezing) Ambient humidity: $35\% \sim 85\% \text{RH}$
Noisy immunity	AC2kV (between operating power terminals) or DC $\pm 500\text{V}$, time accumulator works normally under sisturbance of $1\mu\text{s}$ impulse width
Service life	Mechanical life: 5×10^6 times, electric life: 1×10^6 times
Weight	About 121g
Installation mode	Panel flush type, adopting connecting terminal type for connection

Remark1: LT4SE with battery backup function, after power on and reset, LED display time and keeps the working state of relay before power cut. Other products without the function will display total 0 or the current dial code preset value (delay down mode) after power on and reset. The time signal of bottom reset terminal is contact or NPN knot input, its short circuit (ON) Impedance is less than $3\text{k}\Omega$.

Outline,connecting diagram and tapping size

