

LT4S-S Series



General

- (1)Power on time limit relay,with double setting Tno,Tnc(Tno is time limit release time)time limit,one relay can be used by replacing tow relays.High two bits BCD dial code is the time limit release preset time and low two bits BCD dial code is the time limit preset close time. LED correspondingly displays the current time limit time section and it also can be selected down mode.
- (2)It reciprocally and circularly limits the working time,and also limits for one time.
- (3)Intellecutual cue function:When user' s time limit value is total 0,LED displays "Erro" and prompts preset value is in error, after reset or single limit time finished, LED displays "no" (current switching relay is under close state) or "nc" (current seitching relay is under release state).
- (4)Adopting high performance special microcontrol chip,bottom pause and reset signal adopr h\photoelectric coupling isolation input, which increases the anti-interference capability.
- (5)High accuracy crystal oscillator is taken as clock source for system,the time accuracy highly up to 0.05%.
- (6)With eight kinds of time limit multiplying factor,to set the time limit close,release time and width of time range(0.01Sec~990Hr)for relay at will.
- (7)DIN (48mm x 48mm) stabdard oabek dimension, 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 500MΩ.
- (8)With wide applicable range for working power,85~265VAC/DC free input.

Technical parameters

Class	Double setting multiplex type preset time limit relay
Type	LT4S-S
Time limit multiplying factor	0.01Sec、0.1Sec、1Sec、0.1Min、1Min、0.1Hr、1Hr、10Hr (Set two types at will)
Time limit range	1-99 times time limit multiplying factor
Rated working voltage	85~265VAC/DC input free,other working voltage upon request
Power consumption	>4.5W
Contact capacity	2 groups of relay output, capacity: impedance load max 5A/250VAC or 5A/28VDC
Display mode	Fixed secretary flash indicator light ,the corresponsing two bits LED displays the current close or release time
Accuracy	Voltage affects error,repertive error less than ±50PPM and preset error is 0
Signal input	Reset and pause signal input is contact or NPN adopting adopting photoelectric coupling solation,signal width should not less than 0.02Sec
Operating environment	Ambient temperature:-10~+55℃ (nonfreezing) Ambient humidity:35~85%RH
Noisy immunity	AC2kV(between operating power terminals )or DC ± 500V,time accumulator works normally under sisturbance of 1uS impulse width
Scrvce life	Mechanical life:5x10 <sup>6</sup> times,electric life:1x10 <sup>6</sup> times
Weight	About 112g

Outline, connecting diagram, sequence chart and tapping size

