

ARTICLE CODE

S8T-1 12 DC P L

S8T Series



L:Lamp

Nil:Inserting

P:PCB

Nil:DC

AC:AC

Coil Voltage

1:1C;2:2C

3:3C;4:4C

Model Name:S8T

Main Features:

- Small size,light weight,heavy reverse power.
- Optional mounting ways.
- Firm structure,strong anti-shock & anti vibration.
- Suitable for automatic control,telecommunication equipment,household electrical appliance and machiner electrical facilities.

COIL RATING(at 20°C)

DC	Nominal Voltage (VDC)	Coil Resistance (Ω)(±10%)	Power Consumption(W)	Nominal Current (mA)(±10%)	Pull In Voltage (VDC)	Drop Out Voltage (VDC)	Max. Allowable Voltage (VDC)
	6V	40 Ω		150.0mA			
12V	160Ω	75.0mA					
24V	650Ω	36.9mA					
48V	2595Ω	18.5mA					
100V	11000Ω	9.1mA					
110V	13580Ω	8.1mA					

AC	Nominal Voltage (VAC)	Power Consumption(VA)	Nominal Current (mA)(±10%)	Pull In Voltage (VAC)	Drop Out Voltage (VAC)	Max. Allowable Voltage (VAC)
	6V		1.2VA			
12V	120.0mA					
24V	60.0mA					
48V	30.0mA					
100V	15.0mA					
110V	13.5mA					
200V	9.0mA					
220V	8.1mA					
230V	7.8mA					
240V	7.5mA					

PERFORMANCE(at initial value)

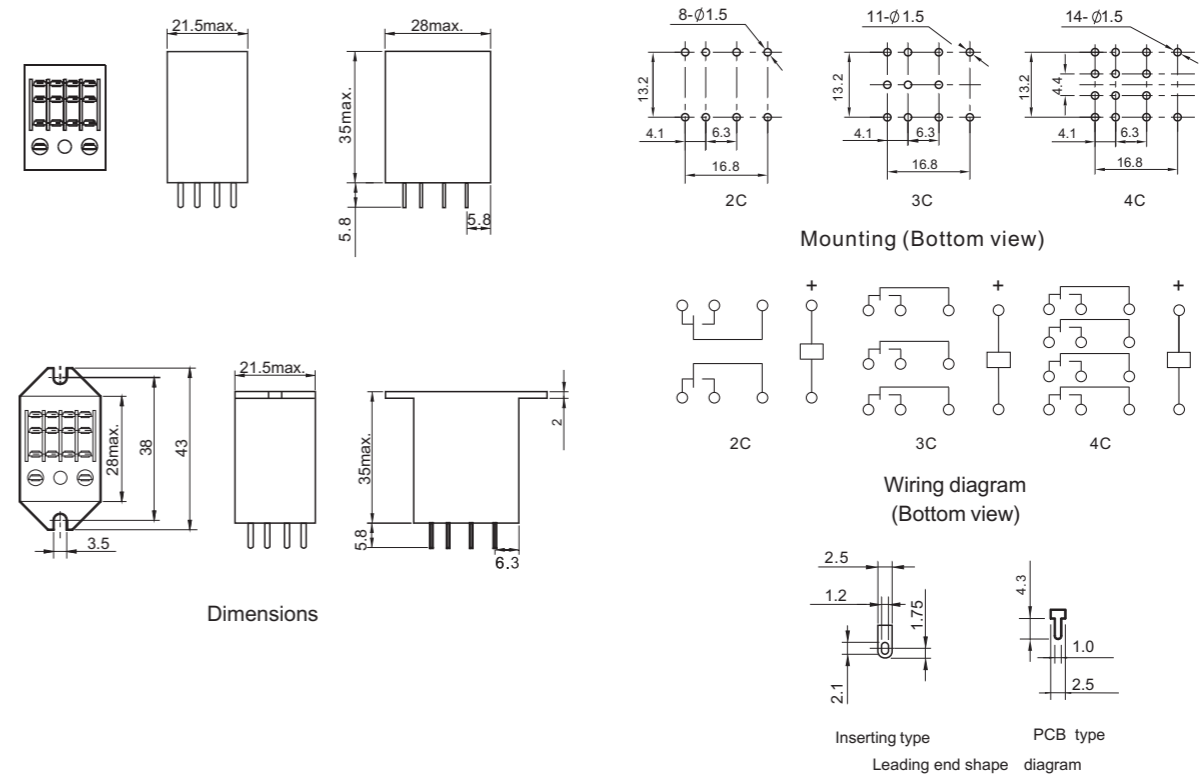
Item	Type	2C	3C	4C
Contact Resistance		50mΩ Max.(Initial Value)		
Operate Time		25msec Max.		
Release Time		25msec Max.		
Dielectric Strength between Coil & Contact between Contact		1500VAC(1min) 1000VAC(1min)		
Insulation Resistance		100MΩ Min.(DC500V)		
Operating Ambient Temperature		-40°C ~+70 °C		
Humidity		35 to 85% RH		
Vibration Resistance		10G(10~55Hz) (Dual Amplitude:1.5mm)		
Shock Resistance		10G		
Life Expectancy Mechanically Electrically		10,000,000 ops.Min.(1800 ops./h) 100,000 ops.Min.(1200 ops./h)		
Weight		37g(approx.)		

CONTACT RATING

Item	Type	2C	3C	4C
Rated Carrying Current		5A/240VAC 5A/28VDC		
Max. Allowable Current		5A		
Max. Allowable Voltage		AC 250V	DC 125V	
Max. Current(Continual)		5A		
Contact Material		Ag alloy		

OUTLINE DIMENSION,WIRING DIAGRAM & PC BOARD LAYOUT

Unit: mm



- Remark: 1) In case of no tolerance shown in outline dimension: outline dimension ≤1mm, tolerance should be ±0.2mm; outline dimension >1mm and ≤5mm, tolerance should be ±0.3mm; outline dimension >5mm, tolerance should be ±0.4mm.
 2) The tolerance without indicating for PCB layout is always ±0.1mm.
 3) The width of the gridding is 2.54mm.

CHARACTERISTIC CURVES

