

**► FEATURES**

- * 10A switching capabilities
- * 1&2 pole configurations
- * 5KV dielectric coil to contacts
- * Low height 12.5 mm
- * Sealed IP67 & Flux proof types available
- * Creepage distance > 8mm

Size (L x W x H)
28.5x10.1 x12.5mm

**► CONTACT DATA**

Contact Arrangement		1A, 1B, 1C	2A, 2B, 2C
Contact Material		See ordering info.	
Contact Resistance Max		100m ohm at 6VDC 1A (Initial)	
Contact Ratings(Res. Load)		10A 250VAC / 30VDC	5A 250VAC / 30VDC
Max Switching Voltage		440VAC / 125VDC	
Max Switching Current		10A	5A
Max Switching Power		2,500VA 300W	1,250VA 150W
Life expectancy	Electrical	100,000 operations (at 30 operations / minute)	
	Mechanical	10,000,000 operations	

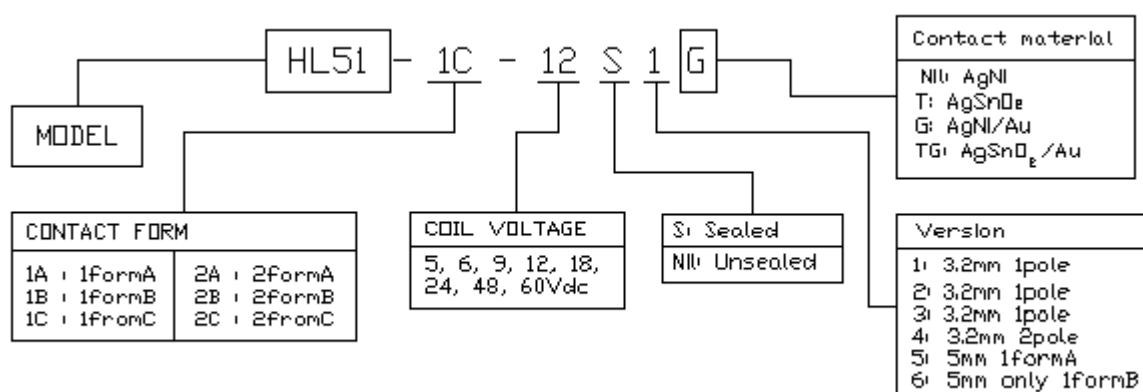
► OPERATION CONDITION

Insulation Resistance (Initial)		1,000M Ω Min at 500VDC	
Dielectric Strength Between	Open Contacts	1,000VAC (for one minute)	
	Contacts and Coil	5,000VAC (for one minute)	
	Contact sets	2,500VAC (for one minute)	
Operate Time (at nomi. Volt.)		Max. 10ms	
Release time (at nomi. Volt.)		Max. 5ms	
Shock Resistance	Functional	NC : 50 m/s ²	NO : 100 m/s ²
	Destructive	980 m/s ²	
Vibration Resistance	NC (no coil voltage)	DA : 0.8mm, 10 to 55Hz	
	NO	DA : 1.65mm, 10 to 55Hz	
Ambient temperature		-40°C ~ +85°C	
Humidity		35 - 85%	
Cobstruction		Sealed IP67 & Flux proof	
UL No.		E197546	

► COIL PARAMETER

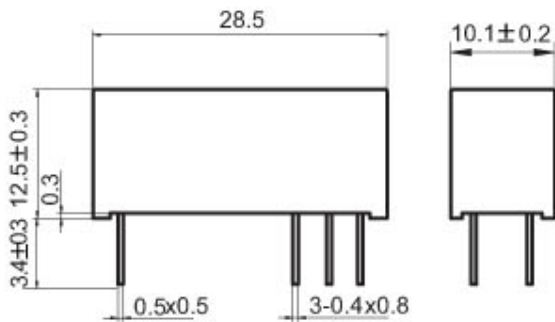
Nominal Voltage VDC	Pick-up Voltage VDC	Drop-out Voltage VDC	Max allowable Voltage VDC(at 20 °C)		Coil resistance	
			1 Pole	2 poles	1 Pole	2 poles
5	3.50	0.50	11.8	10	113±10%	70 ±10%
6	4.20	0.60	14.1	12	164±10%	100 ±10%
9	6.30	0.90	21.2	18	360±10%	225 ±10%
12	8.40	1.20	28.2	24	620±10%	400 ±10%
18	12.70	1.80	42.3	36	1,295±10%	900 ±10%
24	16.80	2.40	56.4	48	2,350±15%	1,600 ±15%
48	33.60	4.80	112.8	96	8,000 ±15%	6,400 ±15%
60	42.00	6.00	141	120	12,500 ±15%	10,000 ±15%

► ORDERING INFORMATION

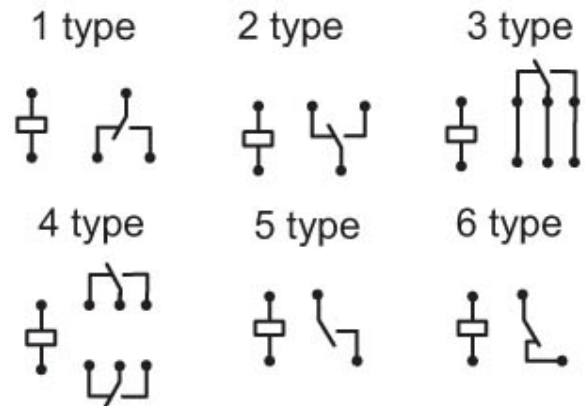


► DIMENSIONS (UNIT: MM)

Outline Dimensions

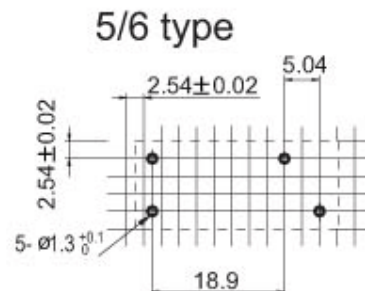
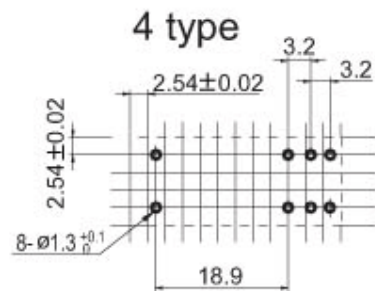
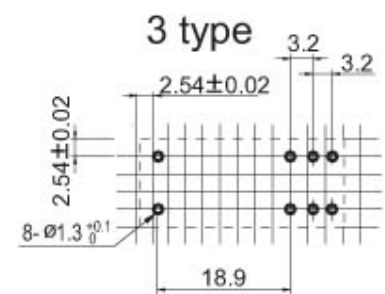
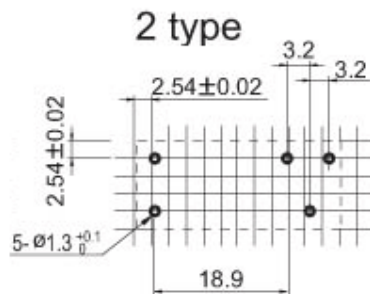
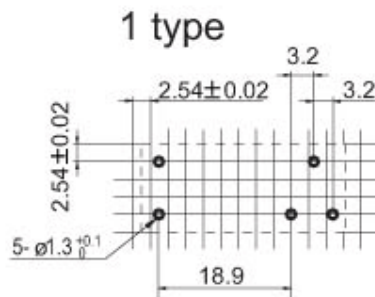


Wiring Diagram



PC Board Layout (T=2.54 0.02mm)

(Bottom View)



► CHARACTERISTICS CURVE

