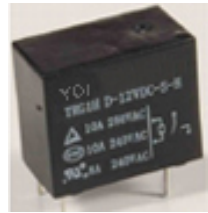



PCB	TRG1H
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- 10A switching capability
- SPST-NO configuration

- Standard PC layout
- Sealed type available
- Surge resistance of 5000V
- Conform to RoHS,ELV directive



 08002028067

 us E173485

 R50108695

ORDERING CODE

<u>TRG1H</u>	<u>D</u>	—	<u>12VDC</u>	—	<u>S</u>	—	<u>H</u>	<u>IT</u>
1	2	3	4	5	6			
1. Relay Model			4. S : Sealed					
2. Coil Power D=0.45W,			5. H: Form A					
3. Coil Nominal Voltage 3,5,6,9,12,18,24VDC			6. IT : GWIT 750°C (2s) Nil : Standard					

COIL DATA (at 20°C)

Nominal Voltage (VDC)	3	5	6	9	12	18	24	0.45W
Coil Resistance ($\Omega \pm 10\%$)	20	56	80	180	320	720	1280	
Rated Current (mA)	150	89.28	75	50	37.5	25	18.75	
Max Operate Voltage (VDC)	2.25	3.75	4.5	6.75	9	13.5	18	
Min Release Voltage (VDC)	0.15	0.25	0.3	0.45	0.6	0.9	1.2	
Max Applicable Voltage	70°C 130%, 23°C 170%							

CONTACT DATA

Contact Form	1H
Contact Material	Silver Alloy
Load	Resistive load(COS Φ 1)
Contact Ratings	10A 250VAC 8A240VAC 10A125/277VAC(UL)
Minimum load	100mA 5VDC
Max Switching Voltage	277VAC/30VDC
Max Switching Current	10A
Max Switching Power	2500VA/300W
Contact Resistance	100m Ω Max at 6VDC 1A
Life Expectancy	Electrical : 100,000 Operations(at30Operations/minute)
	Mechanical : 10,000,000 Operations(at300Operations/minute)

CHARACTERISTICS DATA

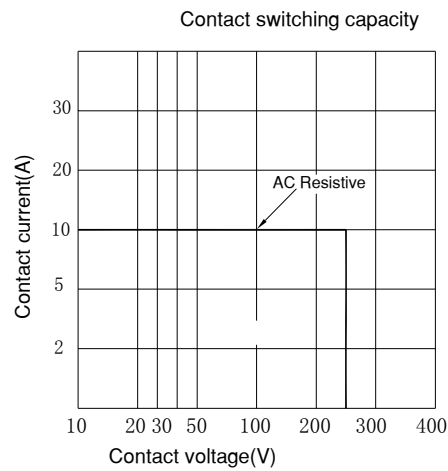
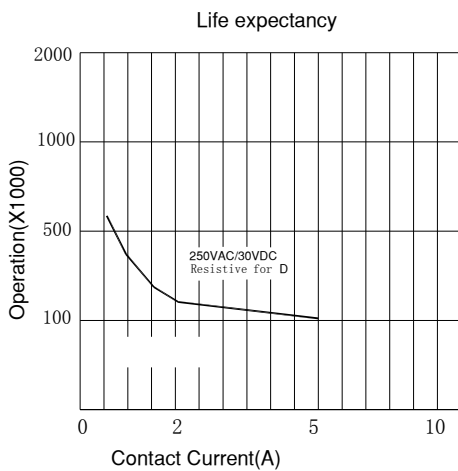
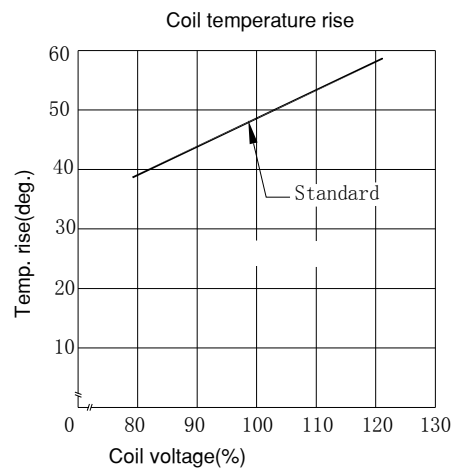
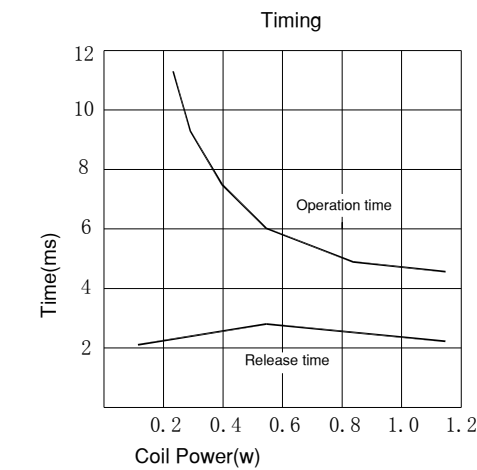
Insulation Resistance	100M Ω Min at 500VDC
Dielectric Strength Between Open Contacts	1000VAC(for one minute)
Between Contacts and coil	4000VAC(for one minute)

Operate Time	10ms
Release Time	4ms
Temperature Range	-40°C to +85°C (UL: 105°C)
Shock Resistance	Operating Extremes : 10G
	Damage Limits : 100G
Vibration Resistance	10-55Hz, 1.5mm
Max. switching frequency	Mechanical: 18,000 operations/hr
	Electrical: 1,800 operations/hr
Humidity	40-85%
Weight	Approx 6g
Safety Standard	UL cUL TÜV CQC

■ APPROVED STANDARDS

Model	Coiling rating	Safety Standard	Contact rating
TRG1H	3 to 24VDC	UL	8A 240VAC 10A 125/277VAC
		CQC	10A 240VAC
		TÜV	10A 250VAC

■ ENGINEERING DATA



OVERALL AND MOUNTING DIMENSIONS

