



TRA3H

- Creepage distance:8.0mm Min
- Au-clad contact available
- Transparent sealed available
- Class B/F available
- Conform to RoHS,ELV directive



 10002043906

 E173485

ORDERING CODE

TRA3H	—	L24	(S	2Z	TBF-1	xx)
1		3	4	5	6	7
1. Relay Model				4. S: Sealed		6. Nil:Standard Type
2. Coil Power D=0.72W				5. 2Z: Form 2C 2H: Form 2A 2B: Form 2B		TBF-1:Class F (155°C)
3. Coil Nominal Voltage 3,5,6,9,12,24,48,110VDC						7. Nil: Standard Type IT: GWIT 750°C(at ≤2 s)

COIL DATA (at 20°C)

Nominal Voltage (VDC)	3	5	6	9	12	24	48	110	0.54W
Coil Resistance ($\Omega \pm 10\%$)	17	46	67	150	270	1050	4250	22400	
Rated Current (mA)	180	108	90	60	45	22.5	11.3	4.9	
Max Operate Voltage (VDC)	2.4	4	4.8	7.2	9.6	19.2	38.4	88	
Min Release Voltage (VDC)	0.15	0.25	0.3	0.45	0.6	1.2	2.4	5.5	
Coil Resistance ($\Omega \pm 10\%$)	13	35	50	110	200	800	3200	16800	0.72W
Rated Current (mA)	240	144	120	80	60	30	15	6.5	
Max Operate Voltage (VDC)	2.4	4	4.8	7.2	9.6	19.2	38.4	88	
Min Release Voltage (VDC)	0.15	0.25	0.3	0.45	0.6	1.2	2.4	5.5	
Max Applicable Voltage	70°C 130%, 23°C 170%								

CONTACT DATA

Contact Form	2H/2Z
Contact Material	Silver Alloy
Load	Resistive load(COS Φ =1)
Contact Ratings	8A 250VAC 5A 30VDC
Minimum load	100mA 5VDC
Max Switching Voltage	250VAC/30VDC
Max Switching Current	8A
Max Switching Power	2000VA/240W
Contact Resistance	100m Ω Max at 6VDC 1A
Life Expectancy	Electrical : 100,000 Operations (at 30 Operations/minute)
	Mechanical: 10,000,000 Operations (at 300 Operations/minute)

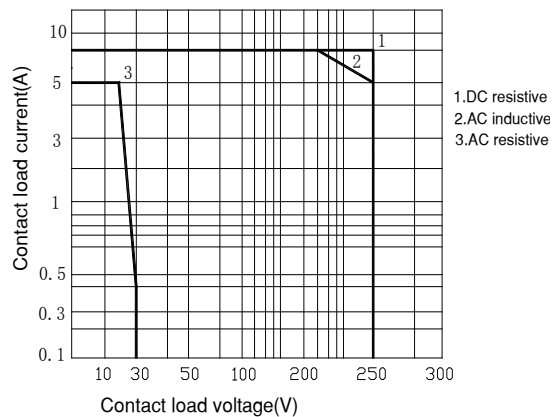
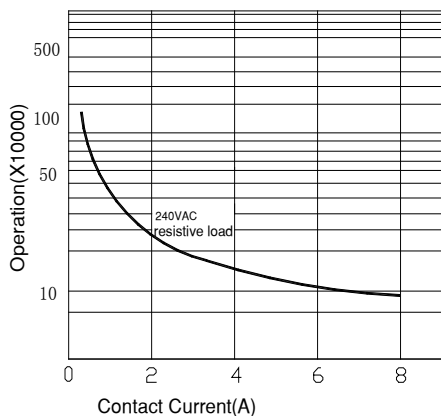
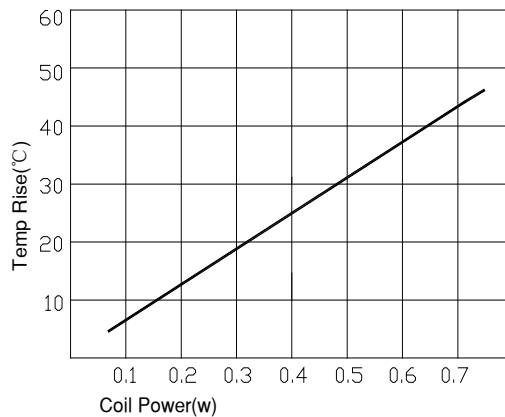
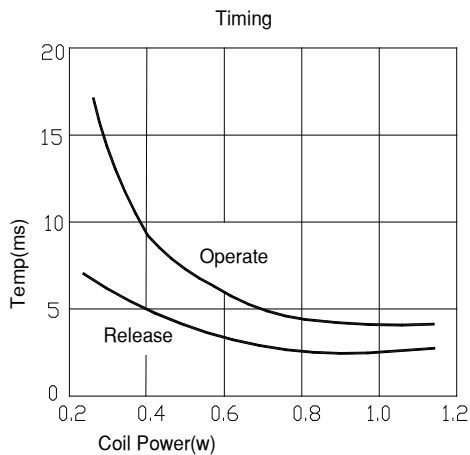
■ CHARACTERISTICS DATA

Insulation Resistance	100M Ω Min at 500VDC
Dielectric Strength Between Open Contacts	1000VAC(for one minute)
Between Contacts and coil	5000VAC(for one minute)
Operate Time	20ms
Release Time	10ms
Temperature Range	-40°C to +70°C
Shock Resistance	Operating Extremes: 10G
	Damage Limits: 100G
Vibration Resistance	10-55Hz, 1.5mm
Max. switching frequency	Mechanical: 18,000operations/hr
	Electrical: 1,800operations/hr
Humidity	40-85%
Weight	Approx 14g
Safety Standard	UL cUL CQC

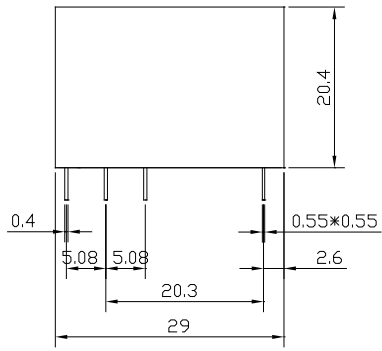
■ APPROVED STANDARDS

Model	Coiling rating	Safety Standard	Contact rating
TRA3H	3 to 48VDC	UL/cUL	8A 250VAC 5A 30VDC
		CQC	8A 250VAC

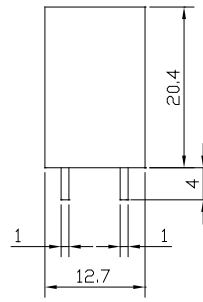
■ ENGINEERING DATA



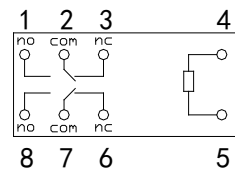
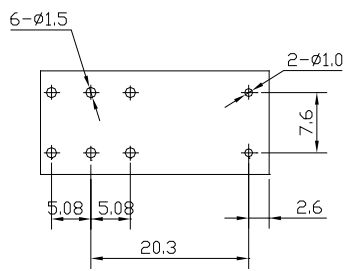
■ OVERALL AND MOUNTING DIMENSIONS



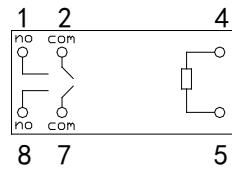
安装图



接线图



Form C



Form A

- 备注: 1) $\leq 1\text{mm}$, $\pm 0.2\text{mm}$; $1\sim 5\text{mm}$, $\pm 0.3\text{mm}$;
 $> 5\text{mm}$, $\pm 0.4\text{mm}$ 。
 2) $\pm 0.1\text{mm}$ 。