

TRV5

- Open or sealed cover available
- 40A continuous rating 80°C
- Conform to RoHS,ELV directive



28.0×25.0×49.4

28.0×23.0×29.4

ORDERING CODE

<u>TRV5</u> <u>L</u> — <u>H</u> — <u>F</u> / <u>12VDC</u> 1 2 3 4 5				
1. Relay Model				4. F:
2. Coil Power				Nil:
3.				5. Coil Nominal Voltage
H: Form A				6,12,24VDC

COIL DATA at 20°C)

Nominal Voltage (VDC)	6	12	24	1.44W
Coil Resistance ($\Omega \pm 10\%$)	25	100	400	
Rated Current (mA)	240	120	60	
Max Operate Voltage (VDC)	3.9	7.8	15.6	
Min Release Voltage (VDC)	0.3	0.6	1.2	
Max Applicable Voltage	70°C	130%, 23°C	170%	

CONTACT DATA

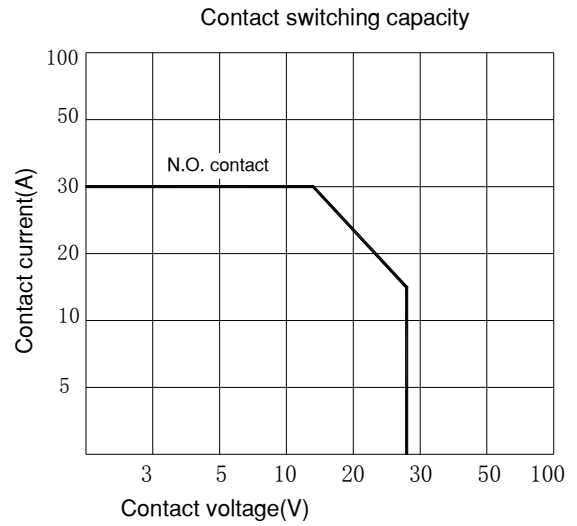
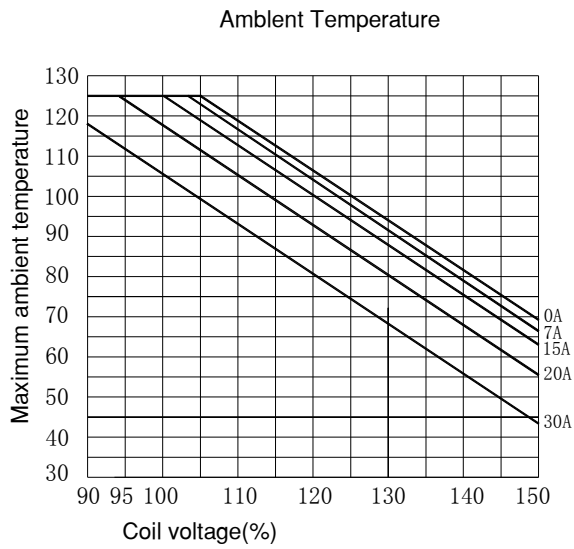
Contact Form	1H
Contact Material	Silver Alloy
Load	Resistive load(COS Φ =1)
Contact Ratings	30A 14VDC 15A 28VDC
Max Switching Voltage	28VDC
Max Switching Current	30A
Max Switching Power	420W
Contact Resistance	100m Ω Max at 6VDC 1A
Life Expectancy	Electrical : 100, 000 Operations(at30Operations/minute)
	Mechanical : 10, 000, 000 Operations(at300Operations/minute)

CHARACTERISTICS DATA

Insulation Resistance	100M Ω Min at 500VDC
Dielectric Strength Between Open Contacts	500VAC(for one minute)
Between Contacts and coil	500VAC(for one minute)
Operate Time	15ms
Release Time	8ms
Temperature Range	-40°C to +85°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	45-85%
Weight	Approx 28g

ENGINEERING DATA



OVERALL AND MOUNTING DIMENSIONS

