



TRG4

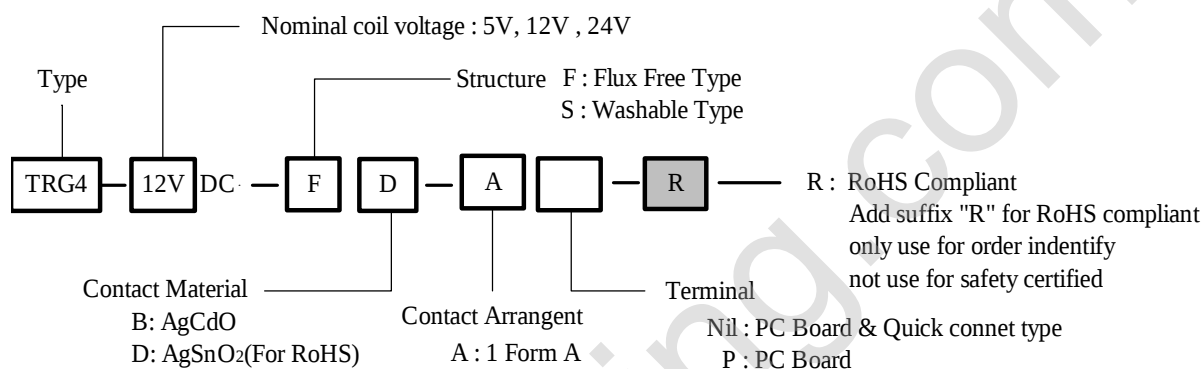
➤ MAIN FEATURES

- 20A switching capabilities.
- 4.5KV dielectric coil to contacts.
- Heavy load up to 5000VA.
- Applicable to motor switching.
- UL & cUL recognized.

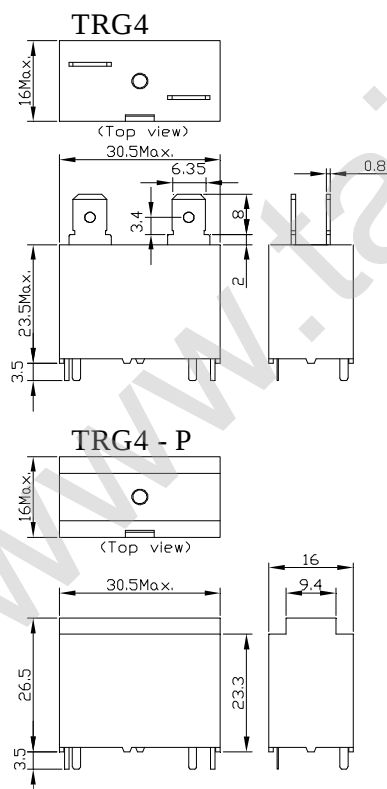
➤ APPLICATIONS

- Air conditioner, Electronic heaters, Lamp and Motor control, Microwave oven Magnetron control Fax Machine/OA Equipment, etc.

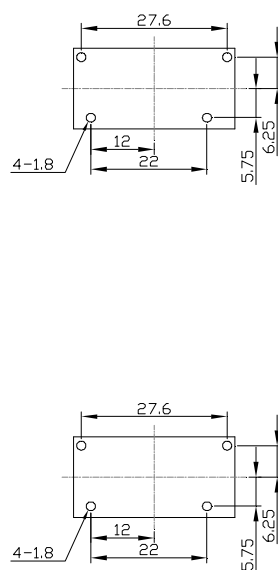
➤ ORDERING INFORMATION



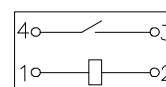
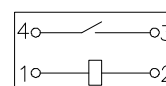
■ DIMENSION (unit:mm)



■ DRILLING (unit:mm)



■ WIRING DIAGRAM



➤ **COIL DATA CHART**(at 20℃)

Coil Sensitivity	Nominal Voltage (VDC)	Nominal Current (mA)	Coil Resistance (Ω) ±10%	Power Consumption (W)	Pull-In Voltage (VDC)	Drop-Out Voltage (VDC)	Max-Allowable Voltage (VDC)
TRG4	5	179.8	27.8	abt. 0.9W	70% Max.	10% Min.	110% Max.
	12	75	160				
	24	37.5	640				

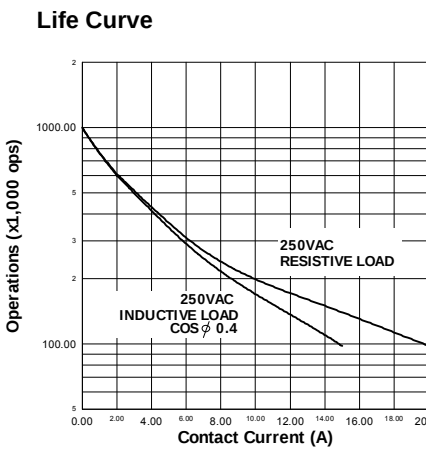
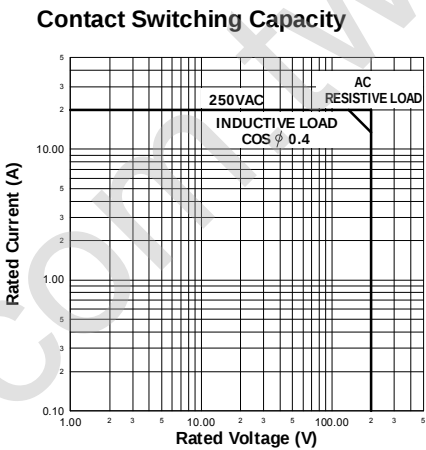
➤ **CONTACT RATING**

Type	TRG4
Item	
Contact Capacity Resistive Load (cosΦ=1)	20A 250VAC 2HP 240VAC 1HP 120VAC
Inductive Load	Inrush : 80A , 0.3s (COSΦ=0.7) Break : 20A (COSΦ=0.9)
Rated Carrying Current	20A
Max. Allowable Voltage	250VAC
Max. Allowable Current	20A
Max. Allowable Power Force	5000VA
Contact Material	Ag Alloy

➤ **PERFORMANCE** (at initial value)

Type	TRG4
Item	
Contact Resistance	100mΩMax (measured at 1A 6VDC).
Operation Time	20msec Max.
Release Time	10msec Max.
Dielectric Strength	
Between coil & contact	4500VAC, 1min
Between contacts	1000VAC, 1min
Insulation Resistance	1000 MΩMin. (500VDC)
Operating Ambient Temperature	-25℃ ~ +55℃
Operating Humidity	85% , +40℃
Vibration Resistance	10 to 55HZ Double Amplitude 1.5mm
Shock Resistance	196 m/s2 Malfunction. 980 m/s2 Mechanical.
Life Expectancy	
Mechanically	2 × 106 ops. Min. (18000PS/h)
Electrically	1 × 105 ops. Min.
Weight	Abt. 23grs.
UL & cUL	E156406

➤ **REFERENCE DATA**



This datasheet for reference and subject to change without notice. Please double check final specification with Tai-Shing.
(0939AA08VOL01)