



TRIF

MAIN FEATURES

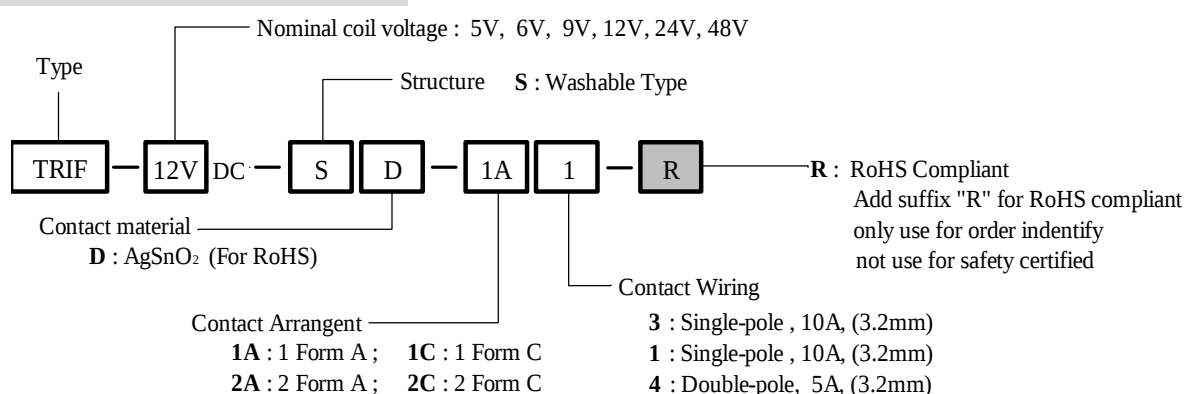
- 10A switching capabilities.
- 1 & 2 pole configurations.
- 5KV dielectric coil to contacts.
- Low height of 12.5mm.
- Sealed & Unsealed types available.



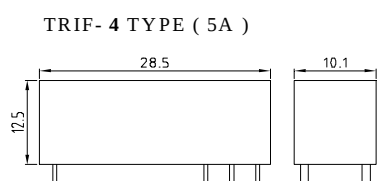
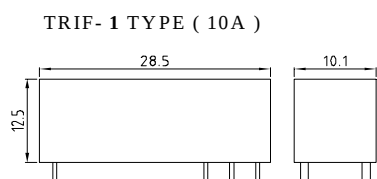
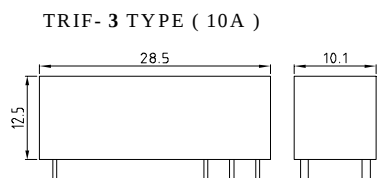
APPLICATIONS

- Microwave Oven; Facsimile; Refrigerator, Air Conditioner, Stereo Equipment; Copy machine, TV Set, Monitor, Vending Machine, Temperature Controller, etc.

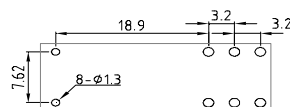
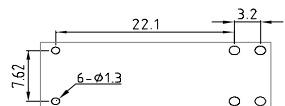
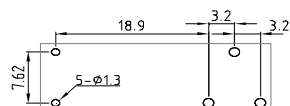
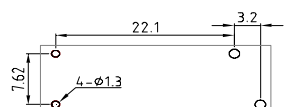
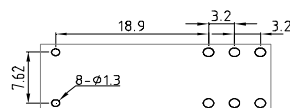
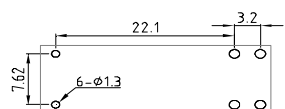
ORDERING INFORMATION



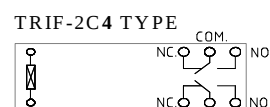
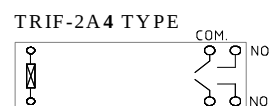
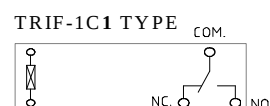
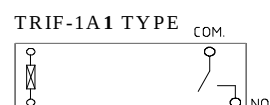
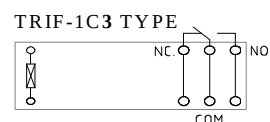
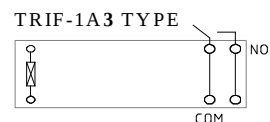
DIMENSION(unit:mm)



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)
TRIF	Single Pole Type (1 & 3 Type)	5	44.2	113	0.22	70% Max.	10% Min.	150% Max.
		6	36.6	164	0.22			
		9	25	360	0.23			
		12	19.4	620	0.23			
		24	10.2	2350	0.25			
		48	6.0	8000	0.29			
	Double Pole Type (4 Type)	5	71.4	70	0.36	70% Max.	10% Min.	150% Max.
		6	60	100				
		9	40	225				
		12	30	400				
		24	15	1600				
		48	7.5	6400				

➤ **CONTACT RATING**

Item \ Type	TRIF		
	3 - TYPE	1 - TYPE	4 - TYPE
Contact Capacity	10A 250VAC	10A 250VAC	5A 250VAC
Resistive Load	10A 30VDC	10A 30VDC	5A 30VDC
Rated Carrying Current	10A	10A	5A
Max. Switching Voltage	440VAC / 125VDC		
Max. Switching Current	10A	10A	5A
Max. Switching Power Force	2500VA / 300W	2500VA / 300W	1250VA / 150W
Contact Material	Ag Alloy		

➤ **PERFORMANCE** (at initial value)

Item \ Type	TRIF
Initial Contact Resistance Max.	100mΩ. (at 1A 6VDC)
Operation Time	10msec Max.
Release Time	5msec Max.
Dielectric Strength	
Between coil & contacts	5000VAC, 1min
Between open contacts	1000VAC, 1min
Insulation Resistance	1000 MΩ. (at 500VDC)
Shock Resistance	
Functional	NC: 49 m/s ² NO: 98 m/s ²
Destructive	980 m/s ²
Vibration Resistance	
NC (no coil voltage)	10 to 55Hz Double Amplitude 0.8mm
NO	10 to 55Hz Double Amplitude 1.65mm
Ambient temperature	-40℃ to +85℃
Operating Humidity	35% to 85% RH
Mechanically Life	1 x 10 ⁷ ops.
Electrically Life	1 x 10 ⁵ ops. (See approval reports for mord details)
Weight	abt. 8grs.
UL	E156406

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