



Relays & Solenoids

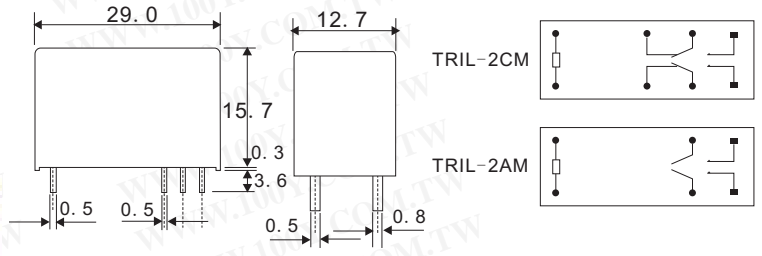
TTI_PCB Relays

Detailed product specifications are available on: us.100y.com.tw



MAIN FEATURES

- 16A switching capabilities.
- 1 & 2 pole configurations.
- 5KV/10mm dielectric coil to contacts.
- Low height of 15.7mm.
- Sealed & Unsealed types available.
- UL & cUL recognized

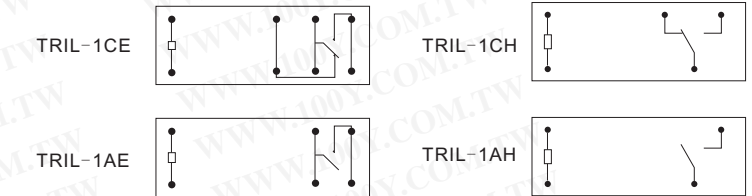


APPLICATIONS

- Microwave Oven; Facsimile; Refrigerator, AirConditioner, Stereo Equipment; Copiers, TV Set, Monitor, Vending Machine, Temperature Controller, etc.

PERFORMANCE (at initial value)

Item	Type	TRIL
Contact Resistance		50mΩMax (measured at 1A 6VDC).
Operation time		7msec Max.
Release time		3msec Max.
Dielectric strength		5000VAC. for 1 minute
Between coil & contact		2500VAC. for 1 minute
Between contact sets		1000VAC. for 1 minute
Between open contact		
Insulation resistance		Min. 1000MΩ (at 500VDC)
Vibration resistance		30 to 150HZ Double Amplitude 1.5mm
Shock resistance		100 m/s ²
Operating Ambient temperature		-40° to +70°C
Operating Humidity		35% to 85% RH
Life expectancy		Mechanical : 1x10 ⁷ ops. Min. (7200 OPS/Hour) Electrical : 1x10 ⁵ ops. Min. (360 OPS/Hour)
Weight		Abt. 13.5grs.



CONTACT RATING

Item	Type	SPST (1A), SPDT (1C)		DPST (2A), DPDT (2C)
		TRIL-E	TRIL-H	TRIL-M
Contact Capacity		16A 250VAC	12A 250VAC	8A 250VAC
Resistive Load (cosΦ=1)				
Rated Carrying Current		16A	12A	8A
Max. Allowable Voltage		250VAC / 125VDC		
Max. Allowable Current		16A	12A	8A
Max. Allowable Power Force		4000VA / 480W	3000VA / 360W	2000VA / 240W
Contact Material		Ag Alloy		

Part No.	Product No.	Manufacturer	Description	Outline L*W*H	Contact Arrangement	Contact Rating	Coil Voltage	Recognized Safety	Type
23016	TRIL-12D-SB-1AE0.4W	TTI	TTI Relay	29.0*12.7*15.7mm	SPST	16A 250VAC/30VDC	12VDC	CUL	TRIL
23018	TRIL-12D-SB-1CE	TTI	TTI Relay	29.0*12.7*15.7mm	SPDT	16A 250VAC/30VDC	12VDC	CUL	TRIL
23019	TRIL-12D-SB-1CH	TTI	TTI Relay	29.0*12.7*15.7mm	SPDT	12A 250VAC/30VDC	12VDC	CUL	TRIL
23020	TRIL-12D-SB-2CM	TTI	TTI Relay	29.0*12.7*15.7mm	DPDT	8A 250VAC/30VDC	12VDC	CUL	TRIL
23021	TRIL-24D-SB-1CE	TTI	TTI Relay	29.0*12.7*15.7mm	SPDT	16A 250VAC/30VDC	24VDC	CUL	TRIL
23022	TRIL-24D-SB-1CH	TTI	TTI Relay	29.0*12.7*15.7mm	SPDT	12A 250VAC/30VDC	24VDC	CUL	TRIL
23023	TRIL-24D-SB-2CM	TTI	TTI Relay	29.0*12.7*15.7mm	DPDT	8A 250VAC/30VDC	24VDC	CUL	TRIL
23024	TRIL-5D-SB-1CH	TTI	TTI Relay	29.0*12.7*15.7mm	SPDT	12A 250VAC/30VDC	5VDC	CUL	TRIL
23025	TRIL-5D-SB-2CM	TTI	TTI Relay	29.0*12.7*15.7mm	DPDT	8A 250VAC/30VDC	5VDC	CUL	TRIL



MAIN FEATURES

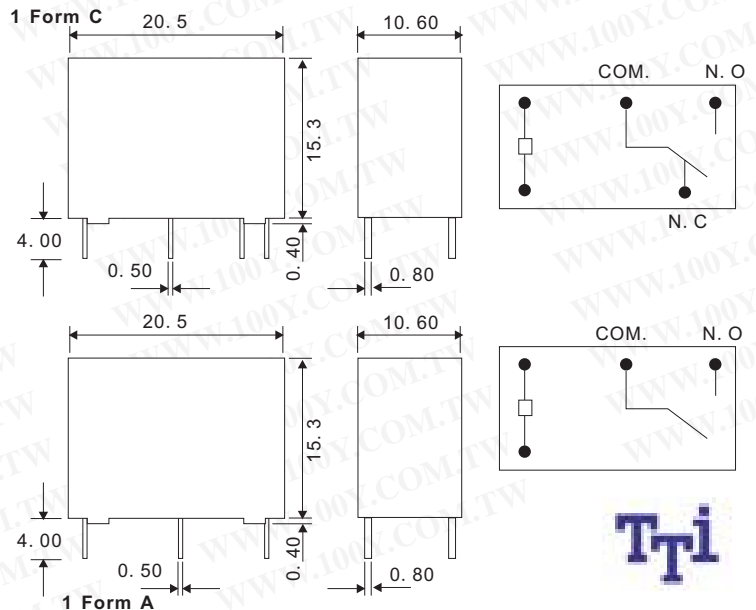
- 5A, 10A switching capabilities
- SPST-NO and SPDT configuration
- Subminiature, standard PC layout
- Sealed & Unsealed types available
- UL & cUL recognized

APPLICATIONS

- House-hold appliance, office machine, etc.

PERFORMANCE (at initial value)

Item	Type	TRJ
Contact Resistance		100mΩMax (measured at 1A 24VDC).
Operation time		8msec Max.
Release time		5msec Max.
Dielectric strength		4000VAC. for 1 minute
Between coil & contact		1000VAC. for 1 minute
Between contactS		
Insulation resistance		Min. 1000MΩ (at 500VDC)
Operating Ambient temperature		-40° to +70°C
Operating Humidity		35% ~ 95%
Vibration resistance		10 to 55HZ Double Amplitude 1.6mm



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