



Relays & Solenoids

TTI_PCB Relays

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



PERFORMANCE (at initial value)

Item	Type	TRG5
Shock resistance		100m/s ²
Life expectancy	Mechanically	5x10 ⁵ OPS
	Electrically	1x10 ⁵ OPS
Weight		abt. 2. 2grs
UL & cUL		E156521



Part No.	Product No.	Manufacturer	Description	Outline L*W*H	Contact Arrangement	Contact Rating	Coil Voltage	Type
22976	TRG5-12D-SA-CL0.15W	TTI	TTI Relay	12.5*7.5*10.0mm	SPDT	0.5A 125VAC/24VDC	12VDC	TRG5
22977	TRG5-12D-SE-CL	TTI	TTI Relay	12.5*7.5*10.0mm	SPDT	0.5A 125VAC/24V DC	12VDC	TRG5
22978	TRG5-24D-SA-CL	TTI	TTI Relay	12.5*7.5*10.0mm	SPDT	0.5A 125VAC/24V DC	24VDC	TRG5
22979	TRG5-3D-SA-CL0.15W	TTI	TTI Relay	12.5*7.5*10.0mm	SPDT	0.5A 125VAC/24VDC	3VDC	TRG5
22980	TRG5-5D-SA-CL	TTI	TTI Relay	12.5*7.5*10.0mm	SPDT	0.5A 125VAC/24VDC	5VDC	TRG5
22981	TRG5-9D-SA-CL0.15W	TTI	TTI Relay	12.5*7.5*10.0mm	SPDT	0.5A 125VAC/24VDC	9VDC	TRG5



MAIN FEATURES

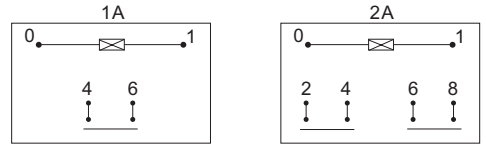
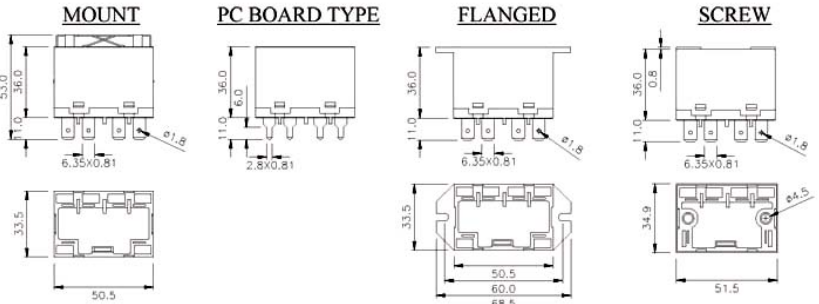
- 30A switching capabilities
- SPST-NO and SPDT configurations
- 4KV dielectric coil to contacts
- Heavy load up to 7500V
- UL & CUL recognized

APPLICATIONS

- Home appliance: Air conditioners, Microwave ovens, TV-set, Heaters, Stereo.
- Office equipment: Copiers, Vending Machine.
- U.P.S source circuit control , etc.

PERFORMANCE (at initial value)

Item	Type	TRG7
Contact Resistance		Max. 100mΩ
Operation time (at nominal voltage)		Max. 30msec
Release time (at nominal voltage)		Max. 30msec
Operating frequency		20ops/minute
Insulation resistance		Min. 1000MΩ(at 500VDC)
Vibration resistance		10 to 55 Hz, at double amplitude of 1.5mm
Shock resistance		98m/s ² Malfunction. 980m/s ² Mechanical.
Dielectric strength		4000VAC. For 1minute between coil and contacts. 2000VAC. For 1minute between open contacts.
Ambient temperature		-55°C to +70°C
Humidity		98% , +40°C
Life expectancy		Mechanical : 1x10 ⁶ operations Electrical : 1x10 ⁵ operations (at rated load)
Weight		abt 120grs. SCREW TYPE 100grs. PC BOARD TYPE



CONTACT RATING

Item	Type	TRG7	
		1 FORM A	2 FORM A
Contact Capacity		30A 250VAC	25A 250VAC
Resistive Load (cosψ=1)		30A 28VDC	25A 28VDC
Rated Carrying Current		30A	25A
Max. Allowable Voltage		250VAC, 28VDC	
Max. Allowable Current		30A	20A
Max. Allowable Power Force		7500VA, 840W	6250VA, 700W
Contact Material		Ag Alloy	

Part No.	Product No.	Manufacturer	Description	Outline L*W*H	Contact Arrangement	Contact Rating	Coil Voltage	Recognized Safety	Type
45047	TRG7-24VDC-FB-1A	TTI	TTI_relay	50.0*32.2*24.1mm	1 From ASPDT	30A 250VAC/30VDC	24VDC	UL,CSA	TRG70
48690	TRG7-24VDC-FB-2AF	TTI	TTI_relay		2 From A DPDT				TRG70

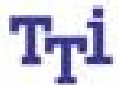


MAIN FEATURES

- 1 Form A (SPST-NO) Contact.
- Heavy duty switching current up to 30A.
- High inrush current 65A.
- High surge voltage 10,000V.
- Small package - Meet high density mounting requirement.
- Meet with associated requirement for UL508 industrial control equipment.
- With 4,000VAC standing.
- UL & cUL recognized

APPLICATIONS

- Used on air conditioner, electrical heater Remote-controlled TV, automatic control and household electric device.



• We provide a wide range of products to development and maintenance engineers in all type of business

Centenary Materials



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