

TRA2 Series

General Purpose 16 Amp PCB Relay - 1PDT

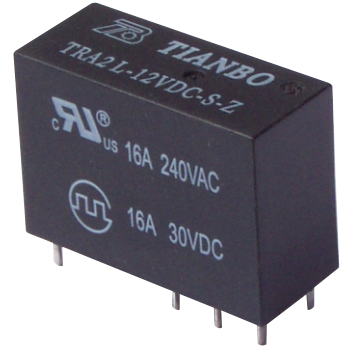
Suitable for switching loads up to 16 Amps at 240 Volts AC(res) 3800VA. The relay has a TV-8 rating. Available in a 1Pole Form A (1 N/C) version, sealed or unsealed.

CONTACT DATA

Contact Form	1A/1C	
Contact Material	AgCdO/AgSnO	
Contact Ratings	16A 240VAC	16A 30VDC
Max Switching Voltage	250VAC/30VDC	
Max Switching Current	20A	
Max Switching Power	4800VA/480W	
Contact Resistance	100mΩMax	at 6VDC 1A
Life Expectancy Electrical	100,000	Operations @ 30/min
	Mechanical	10,000,000 Operations

GENERAL SPECIFICATIONS

Insulation Resistance	100MΩMin at 500VDC	
Dielectric Strength Between Open Contacts	1000 VAC for 1 Minute	
Between Contacts and coil	5000 VAC for 1 minute	
Operate Time	20ms	
Release Time	10ms	
Temperature Range	-40□to+70□	
Shock Resistance	Operating Extremes	10G
	Damage Limits	100G
Vibration Resistance	10-55Hz, 1.5mm	
Humidity	40-85%	
Weight	Approx 14g	
Safety Standard	UL:E173485	

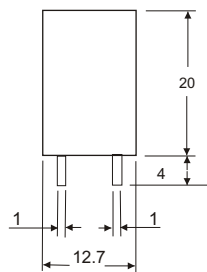
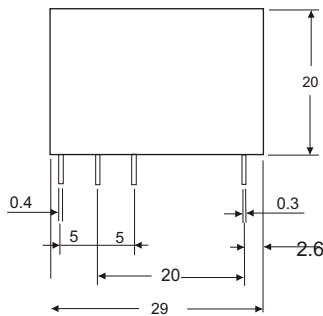


Package Size
20.0H x 29.0L x 12.7W

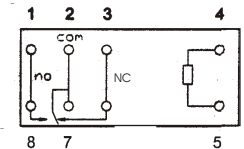
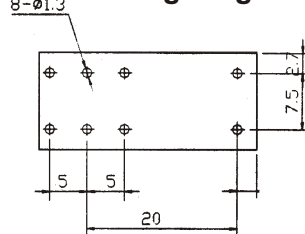
COIL DATA

Nominal Voltage (VDC)	Coil Resistance at 20±10%(Ω)		Max Operate Voltage VDC	Min Release Voltage VDC	Max Applicable Voltage VDC
	0.54W	0.72W			
3	17	13	2.4	0.15	3.9
5	46	35	4	0.25	6.5
6	67	50	4.8	0.3	7.8
9	150	110	7.2	0.45	11.7
12	270	200	9.6	0.6	15.6
24	1050	800	19.2	1.2	31.2
48	4250±15%	3200	38.4	2.4	62.4

Dimensions



Wiring Diagram - PCB Layout



ORDERING CODE:
TRA2-x-XXDC-S

Coil Voltage
D = 0.72W Coil Power
L = 0.54W



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