

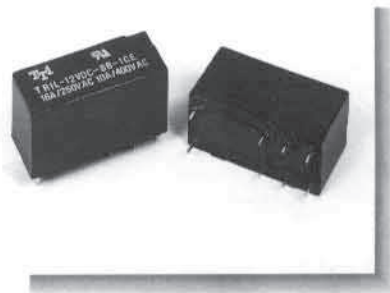


MAIN FEATURES

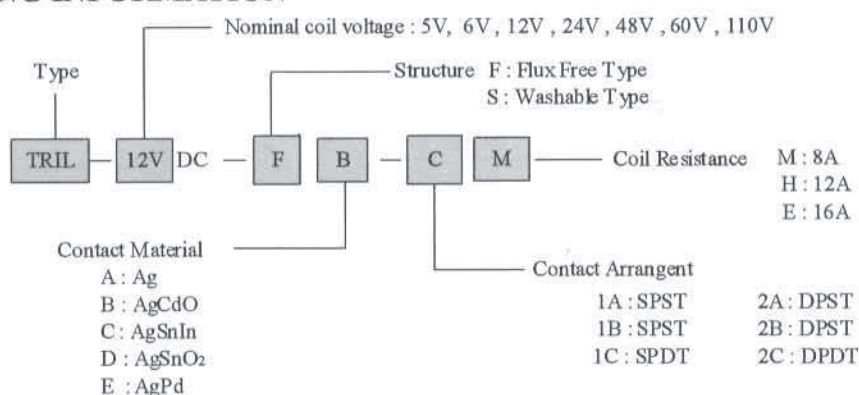
- 16A switching capabilities.
- 1 & 2 pole configurations.
- 5KV/10mm dielectric coil to contacts.
- Low height 15.7mm.
- Sealed & Unsealed types available.

APPLICATIONS

- Microwave ovens; Facsimiles; Refrigerators, Air Conditioners, Stereo Equipment; Copiers, TV set, Monitors, Vending Machines, Temperature Controllers, Etc.



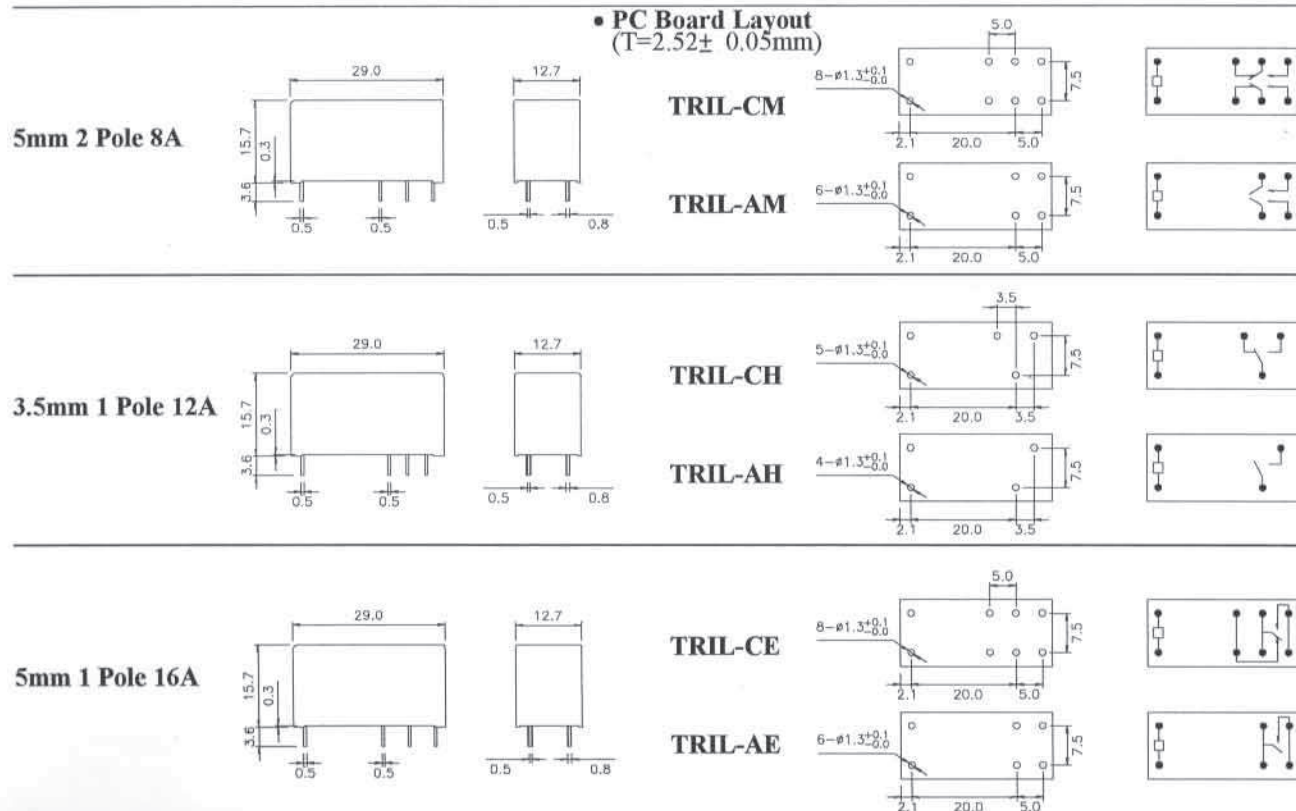
ORDERING INFORMATION



DIMENSION (unit:mm)

DRILLING (unit:mm)

WIRING DIAGRAM



■ COIL DATA CHART (AT20°C)

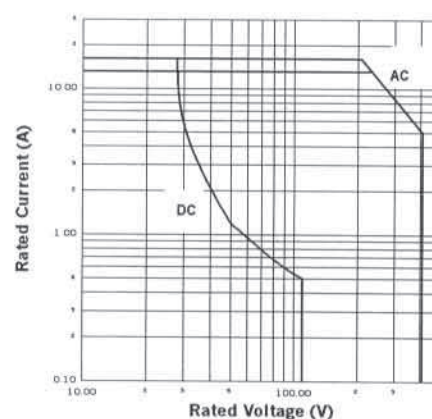
Coil Sensitivity	Coil Voltage Code	Nominal Voltage (VDC)	Nominal Current (mA)	Coil Resistance (Ω) $\pm 10\%$	Power Consumption (W)	Pull-In Voltage (VDC)	Drop-Out Voltage (VDC)	Max-Allowable Voltage (VDC)
TRIL	005	5	80.6	62	abt. 0.4W	70% Max.	10% Min.	110% Max.
	006	6	66.7	90				
	012	12	33.3	360				
	024	24	16.7	1440				
	048	48	8.3	5760 $\pm 15\%$				
	060	60	8.0	7500 $\pm 15\%$				
	110	110	4.3	25200 $\pm 15\%$				

■ CONTACT RATING

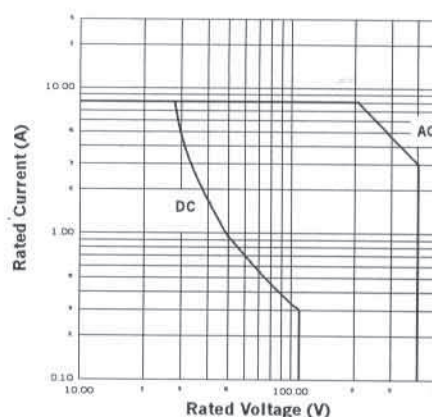
Item	Type	SPST (1A/1B), SPDT (1C)		DPST (2A/2B), DPDT (2C)
		TRIL-E	TRIL-H	TRIL-M
Contact Capacity		250VAC 16A	250VAC 12A	250VAC 8A
Resistive Load ($\cos\Phi=1$)		30VDC 16A	30VDC 12A	30VDC 8A
Inductive Load ($\cos\Phi=0.4$ L/R=7msec)		250VAC 4A 30VDC 4A	250VAC 5A 30VDC 5A	250VAC 2A 30VDC 3A
Rated Carrying Current		16A	12A	8A
Max. Allowable Voltage		250VAC/440VAC		
Max. Allowable Current		16A	12A	8A
Max. Allowable Power Force		3000VA		2000VA
		4000VA		
Contact Material		Ag Alloy		

■ REFERENCIAL DATA

1 Pole 12/16A



2 Pole 8A



■ PERFORMANCE (at initial value)

Item	Type	TRIL
Contact Resistance		50m Ω Max (measured at 1A 6VDC).
Operate Time		7msec Max.
Release Time		3msec Max.
Dielectric Strength		
Between coil & contacts		5000VAC, 1min
Between open contacts		1000VAC, 1min
Between Contact sets		2500VAC, 1min
Insulation Resistance		1000 M Ω Min. (DC500V)
Operating Ambient Temperature		-40° C to +70° C
Operating Humidity		35% to 85% RH
Vibration Resistance		30 to 150HZ Double Amplitude 1.5mm
Shock Resistance		100 m/s ²
Life Expectancy		
Mechanically		1 $\times 10^7$ ops. Min. (7200 OPS/Hour)
Electrically		1 $\times 10^5$ ops. Min. (360 OPS/Hour)
Weight		abt. 13.5grs