

FEATURES

- UL safety approval.
- Nominal power 200mW.
- Operating power 100mW.
- Heavy current up to 10 Amps.
- DIL pitch terminal.

CONTACT RATINGS

- Contact Arrangement..... 1 Form A (SPST-NO)
..... 1 Form C (SPDT)
- Max. Switching Power
1 Form A.....2500VA 300W
1 Form C..... 1750VA 210W
- Max. Switching Voltage.....250VAC 30VDC
- Max. Switching Current
1Form A..... 10A
1 FormC..... 7A
- Contact Resistance..... $\leq 100m\Omega$
- Rating Load
1Form A..... 10A/250VAC 10A/30VDC
1 Form C.....7A/250VAC 7A/30VDC
- Contact MaterialAg Alloy

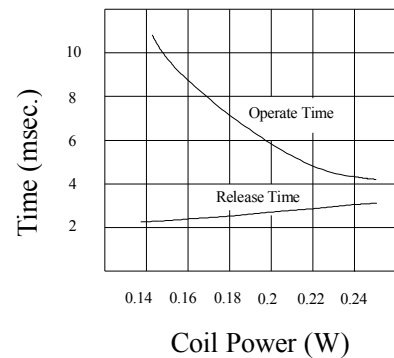
CHARACTERISTICS

- Electrical Life..... 1×10^5
- Mechanical Life..... 1×10^7
- Initial Insulation Resistance..... Min. 1000M Ω 500VDC
- Contact Resistance (Initial)..... $\leq 100m\Omega$
- Operate Time..... $\leq 10ms$
- Release Time..... $\leq 10ms$
- Initial Dielectric Strength
.....50/60Hz 1000VAC 1 min. (between open contacts)
.....50/60Hz 2000VAC 1 min. (between contacts and coil)
- Vibration Resistance
.....Malfunction: 10 to 55Hz at Double Amplitude of 1.5mm
.....Destructive: 10 to 55Hz at Double Amplitude of 1.5mm

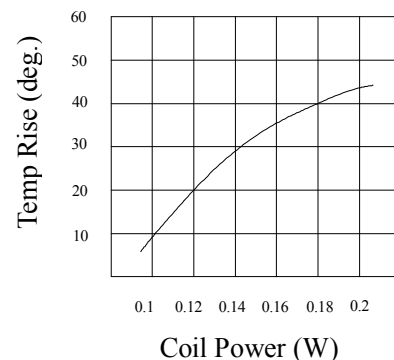


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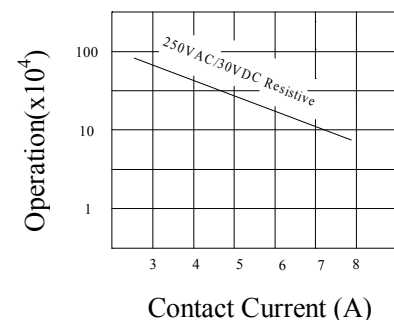
944 Referential Data Timing



Coil Temperature Rise



Life Curves



- Shock Resistance.....Malfunction: 10G (11ms) / Destructive: 100G (6ms)
- Ambient Temperature..... -40°C ~ +70°C
- Relative Humidity..... 85% at 40°C
- Unit Weight.....Approx. 5.5g

ORDERING INFORMATION

944 - 1C - 6 D S
 1 2 3 4 5

Enclosure.....Nil = General Type
S = Sealed Type

Coil Type.....D: DC

Coil Voltage.....3~24V

Contact Arrangement.....1A = 1 Form A (SPST-NO)
1C = 1 Form C (SPDT)

Model Number.....944

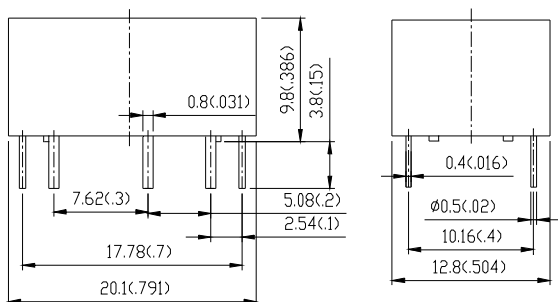
COIL RATINGS (at 20°C)

COIL TYPE	Coil Nominal Voltage (V)	Coil Resistance ($\Omega \pm 10\%$)	Pick-Up Voltage (V) \leq	Drop-Out Voltage (V) \geq	Nominal Current (mA)
DC Standard Coils	3	45	2.1	0.3	66.7
	5	125	3.5	0.5	40
	6	180	4.2	0.6	33.3
	9	405	6.3	0.9	22.2
	12	720	8.4	1.2	16.7
	18	1620	12.6	1.8	11.1
	24	2880	16.8	2.4	8.3

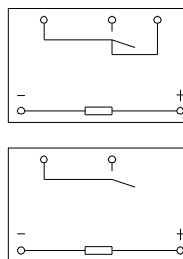
* Max Continuous Voltage at 20°C: 110% of Coil Nominal Voltage.

OUTLINE DIMENSIONS

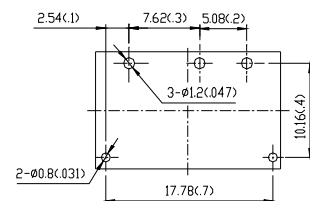
Dimensions



Internal Connections (Bottom View)



Drilling Plan (Bottom View)



REMARK: Tolerance of outline dimensions: $\pm 0.2(.008)$.

UNIT: mm (inch)