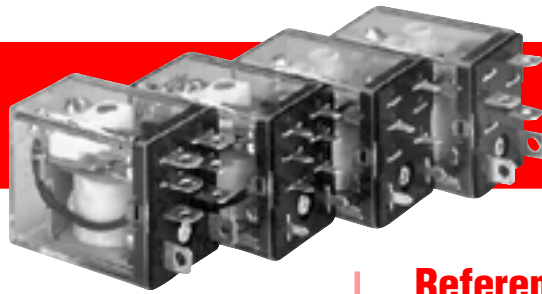
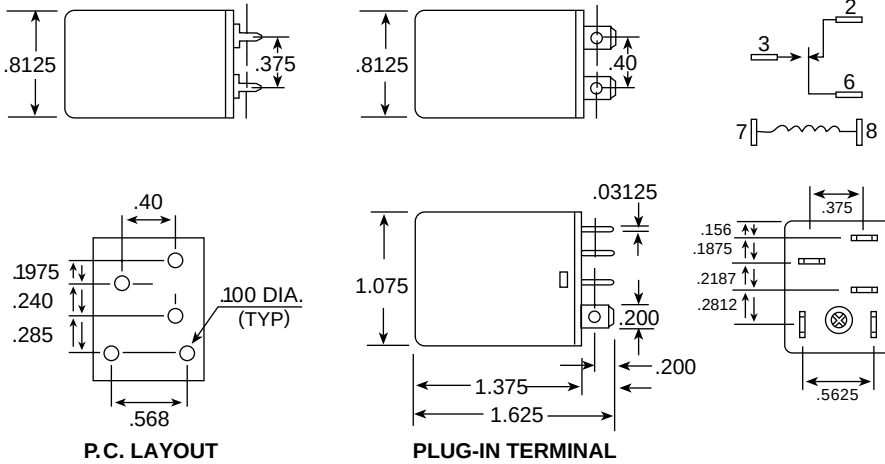


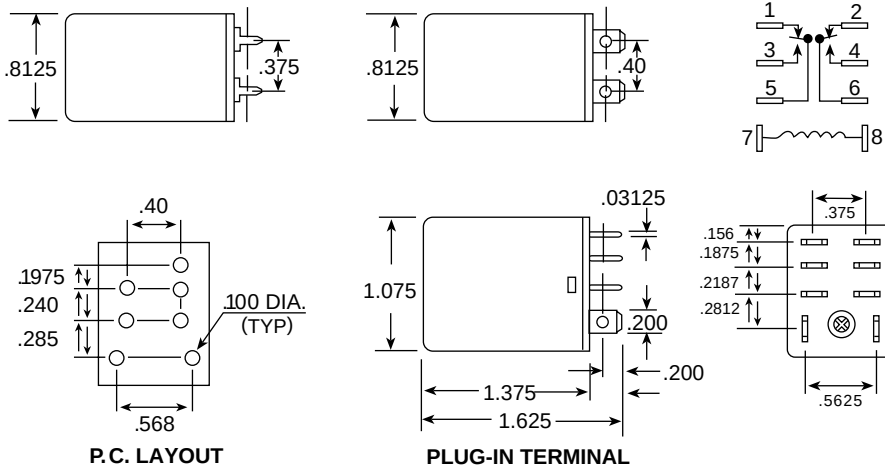
SKNP-1C,2C



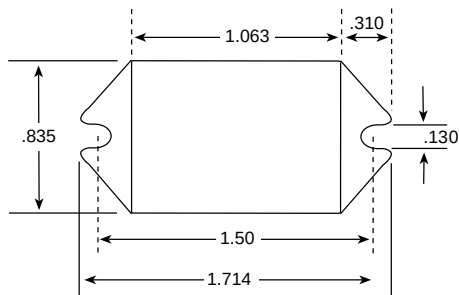
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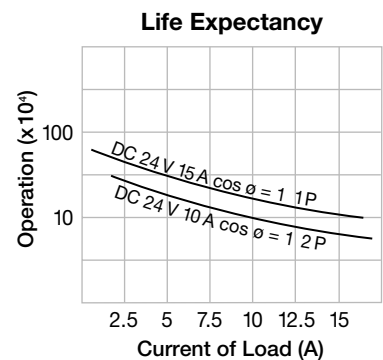
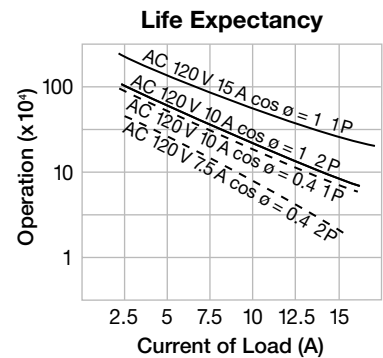
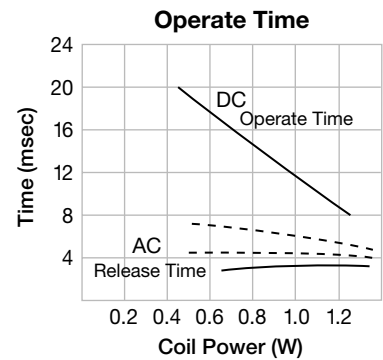
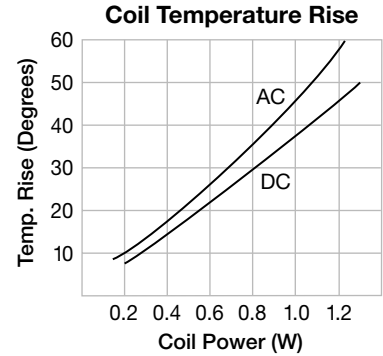
DPDT



SKNT TAB MOUNT



Reference Data

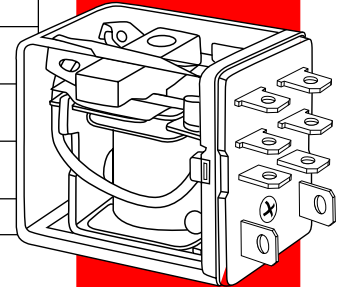


Performance (At Initial Value)

ITEM	TYPE
	1 Pole / 2 Pole
Contact Resistance	100 m Ω Max.
Operate Time	25 msec Max.
Release Time	25 msec Max.
Dielectric Strength: Between Coil and Contact Between Contacts	AC 1500 V, 50/60 Hz (1 minute) AC 1000 V, 50/60 Hz (1 minute)
Surge Resistance	3000 V (between coil and contact 1 x 40 μ sec.)
Insulation Resistance	100 M Ω Min. (500 VDC)
Max. ON/OFF Switching: Mechanically Electrically	240 operations/min. 30 operations/min.
Operating Ambient Temperature	-25 °C to +55 °C (no water condensation and no water drop)
Operating Humidity	45% to 85% R.H.
Coil Temperature Rise	60 ° Max. (at rated coil voltage)
Vibration: Endurance Error Operation	10 to 55 Hz Double Amplitude 1.0 mm 10 to 55 Hz Double Amplitude 1.0 mm
Shock: Endurance Error Operation	100 G Min. 10 G Min.
Life Expectancy: Mechanically Electrically	10,000,000 operations/min. (no load) 100,000 operations/min. (at rated load)
Weight	About 35 grams

SKNP- 1C, 2C

Socket:
DSM-8, DSM-8F,
SI-8, or SPB-8



Coil Specification (At 20°C)

TYPE	Nominal Voltage (VDC) (VAC)	Nominal Current (mA) 60 Hz	Coil Resistance (Ω) ±10%	Power Consumption	Pull-In Voltage (VDC)	Drop-Out Voltage (VDC)	Max. Allowable Voltage (VDC)
AC Coil	6	170	10	About 1.0 to 1.3 VA (60 Hz)	80% Max.	30% Min.	110%
	12	110	85				
	24	45	160				
	48	23	600				
	110	12	3,400				
	120	11.5	3,400				
	220/240	5	13,600				
DC Coil	6	150	40	About 0.9 W	80% Max.	10% Min.	110%
	12	75	160				
	24	36.9	650				
	48	18.5	2,600				
	110	10	11,000				

Contact Rating

ITEM	TYPE	
	1 Pole	2 Pole
Contact Capacity Resistive Load (Cos. φ = 1)	AC 240 V 15 A DC 24 V 15 A	AC 240 V 10 A DC 24 V 10 A
Inductive Load (Cos. φ = 0.4 L/R = 7 msec.)	DC 24 V 7 A DC 24 V 7 A	DC 24 V 5 A DC 24 V 5 A
Rated Carrying Current	15 A	10 A
Max. Allowable Voltage	DC 110 V / AC 240 V	DC 110 V / AC 240 V
Max. Allowable Current	15 A	10 A
Max. Allowable Power Force	1700 VA / 360 W	1100 VA / 240 W
Referential Min. Applicable Load	DC 10 V 10 mA	DC 10 V 10 mA
Contact Material	AgCdO	AgCdO

Ordering Information

SKN P LM 1C 120 VAC

Coil Voltage
See coil specifications
for available voltages.
Other voltages available
as special orders.

Contact Configuration
1C – SPDT 2C – DPDT

Blank – No Options
L – Neon Lamp
M – Manual Actuator
LM – Lamp and Actuator

P – Plug In S – Stud Mount Side
T – Tab Mount S1 – Stud Mount Top
B – P.C. Board Terminal

UL #E96834(M) (U.S. & Canada)

