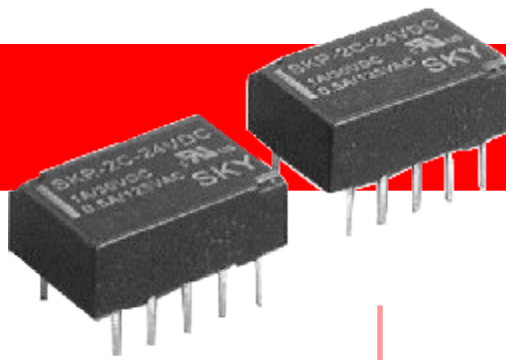
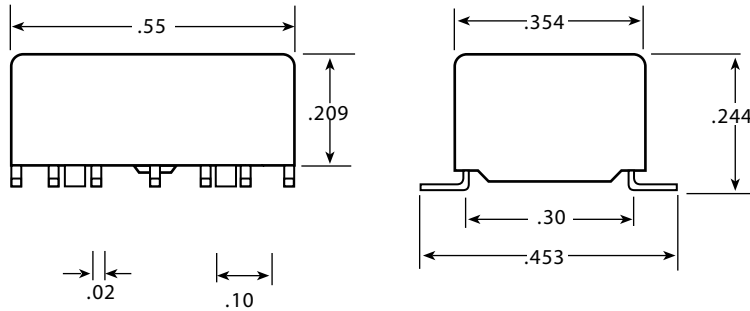


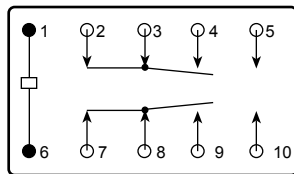
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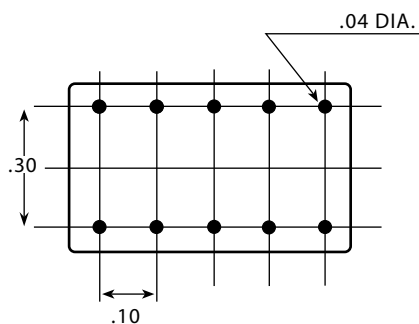
SKPS



WIRING DIAGRAM
(BOTTOM VIEW)

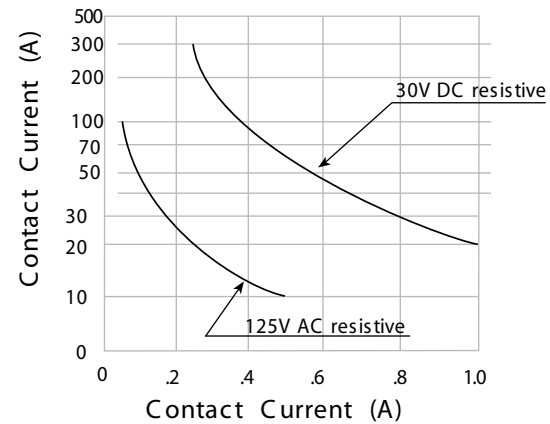


DRILLING PLAN

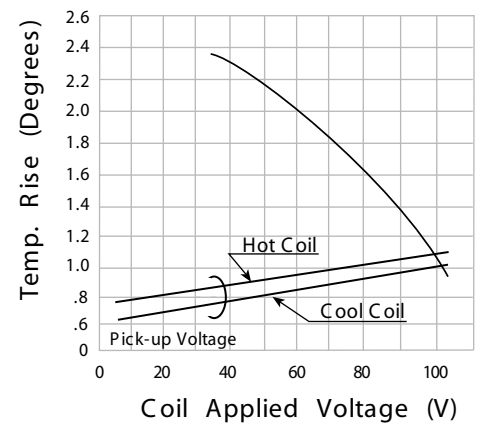


Reference Data

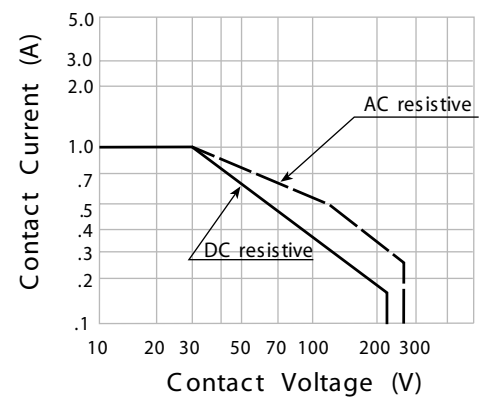
Life Curve



Operating Range



Maximum Allowable Current



Performance (At Initial Value)

ITEM	TYPE
	SKPS
Contact Resistance	50 mΩ Max.
Operate Time	2 mSec. Max.
Release Time	2 mSec. Max.
Dielectric Strength: Between Coil and Contact Between Contacts	1000 VAC at 50 Hz 1000 VAC at 50 Hz
Surge Resistance	1500 V (between coil and contact 1 x 40 msec)
Insulation Resistance	1000MW Min. at 500 VDC
Operating Ambient Temperature	-40°C to 70°C
Operating Humidity	45% to 85% RH
Coil Temperature Rise	45°C Max.
Vibration: Endurance Error Operation	10 to 55 Hz Dual Amplitude 3 mm 10 to 55 Hz Dual Amplitude 3 mm
Life Expectancy: Mechanically Electrically	10 ⁸ operations/min. (no load) 2x10 ⁵ operations/min. (at rated load)
Weight	1.5 grams

Coil Specification (At 20°C)

Type	Nominal Voltage (VDC)	Coil Resistance (W ±10%)	Operate Voltage (VDC/max)	Must Release Voltage (VDC/min)	Max. Voltage (VDC)	Nominal Power (W) Consumption
Single Side Stable	3	64.3	2.25	0.3	110% of rated voltage	0.14
	4.5	144.6	3.38	0.45		0.14
	5	178	3.75	0.5		0.14
	6	257	4.50	0.6		0.14
	9	579	6.75	0.9		0.14
	12	1028	9.00	1.2		0.14
	24	2880	18.0	2.4		0.20
1 Coil Latching	3	90	2.25	-2.25	110% of rated voltage	0.10
	4.5	202.5	3.38	-3.38		0.10
	5	250	3.75	-3.75		0.10
	6	360	4.50	-4.50		0.10
	9	810	6.75	-6.75		0.10
	12	1440	9.00	-9.00		0.10
	24	3840	18.0	-18.0		0.15
2 Coil Latching	3	45 ea. coil	2.25	2.25	110% of rated voltage	0.14
	4.5	101 ea. coil	2.25	2.25		0.14
	5	125 ea. coil	3.75	3.75		0.14
	6	180 ea. coil	4.50	4.50		0.14
	9	405 ea. coil	6.75	6.75		0.14
	12	720 ea. coil	9.00	9.00		0.14
	24	1920 ea. coil	18.0	18.0		0.20

Contact Rating

ITEM	TYPE
	SKP
Contact Capacity Resistive Load (Cos. ϕ = 1) Inductive Load (Cos. ϕ = 0.4 L/R = 7 msec.)	See Chart See Chart
Rated Carrying Current	.5 A, 125 VAC / 1 A 30 VDC
Max. Allowable Voltage	220 VDC, 250 VAC
Max. Allowable Current	1 A
Contact Material	AgNi (Au clad)

Ordering Information

SKPS 1C 12VDC

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

Contact Configuration
2C – DPDT

UL #E96834(M) (U.S. & Canada) C.S.A. #LR83798-1