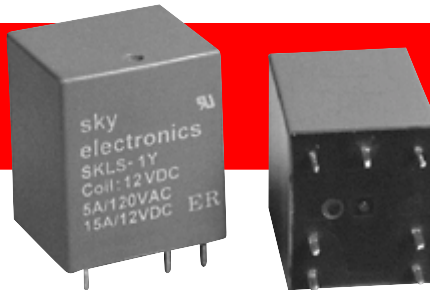
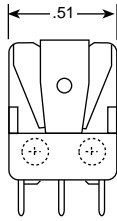
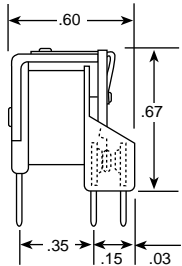


SKL/SKLS

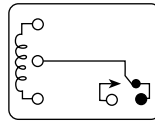
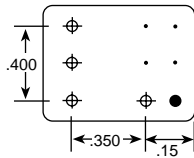


SKL

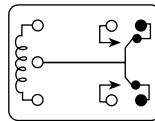
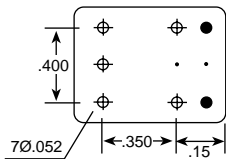
SKL 1-C, 1-Z



BOTTOM VIEW 1-C

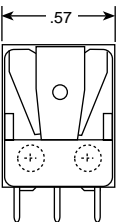
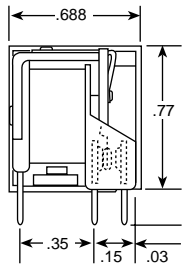
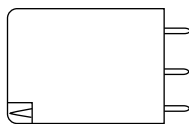
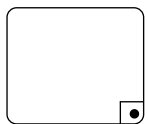


BOTTOM VIEW 1-Z

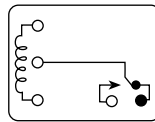
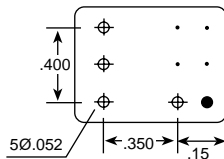


SKLS

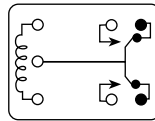
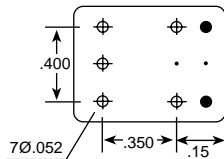
SKLS 1-C, 1-Z



BOTTOM VIEW 1-C

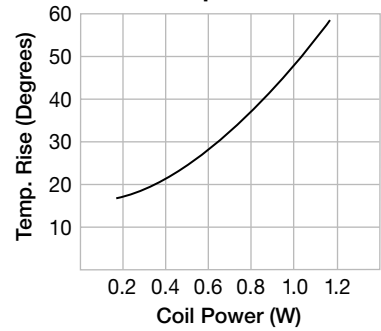


BOTTOM VIEW 1-Z

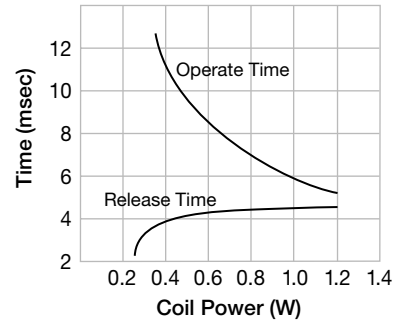


Reference Data

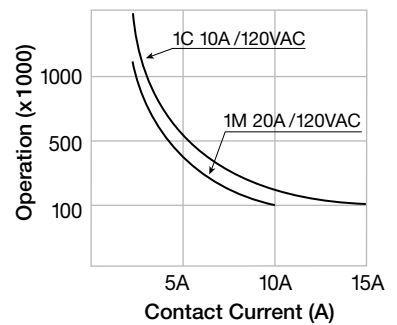
Coil Temperature Rise



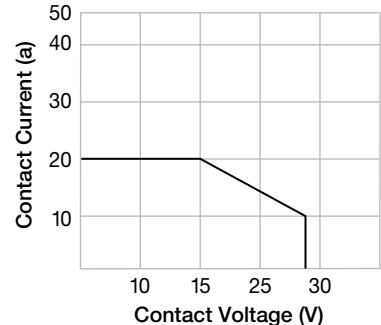
Operate Time



Electrical Service Life



Maximum Allowable Current



Performance (At Initial Value)

ITEM	TYPE
	SKL, SKLS
Contact Resistance	≤100 mΩ Max.
Operate Time	10 mSec. Max.
Release Time	10 mSec. Max.
Dielectric Strength: Between Coil and Contact Between Contacts	500 VAC 1000 VAC
Surge Resistance	2000 V (between coil and contact 1 x 40 μ sec.)
Insulation Resistance	100 MΩ Min. at 500 VDC
Max. ON/OFF Switching: Mechanically Electrically	30 operations/min. 300 operations/min.
Operating Ambient Temperature	-25°C to 80°C
Operating Humidity	45% to 85% RH
Coil Temperature Rise	60° Max.
Vibration: Endurance Error Operation	10 to 55 Hz Dual Amplitude 1.5 mm 10 to 55 Hz Dual Amplitude 1.5 mm
Shock: Endurance Error Operation	100 G Min. 10 G Min.
Life Expectancy: Mechanically Electrically	10 ⁷ operations/min. (no load) 10 ⁵ operations/min. (at rated load)
Weight	9.5 grams

**SKL
SKLS**

Coil Specification (At 20° C)

TYPE	Nominal Voltage (VDC)	Nominal Current (mA)	Coil Resistance (Ω ±10%)	Power Consumption (W)	Pull-In Voltage (VDC)	Drop-Out Voltage (VDC)	Max. Allowable Voltage (VDC)
SKL, SKLS	5	185	27	About 0.93	80% Max.	5% Min.	150% (for short time carrying current)
	6	150	40				
	9	93	97				
	12	77	155				
	15	59	255				
	18	47	380				
	24	36	660				

Contact Rating

ITEM	TYPE	
	SKL	SKLS
Contact Capacity Resistive Load (Cos. φ = 1)	3 A at 120 VAC 10 A at 12 VDC	5 A at 120 VAC 15 A at 12 VDC
Rated Carrying Current	10 A	15 A
Max. Allowable Voltage	AC 120 V, DC 28 V	AC 120 V, DC 28 V
Max. Allowable Current	10 A	15 A
Max. Allowable Power Force	360 VAC, 120 W	600 VAC, 120 W
Referential Min. Applicable Load	5 VDC, 10 mA	5 VDC, 10 mA
Contact Material	Ag Alloy	Ag Alloy

Ordering Information

SK LS 1C 12VDC

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

Contact Configuration
1C, 1A

L – Open Frame
LS – Sealed

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