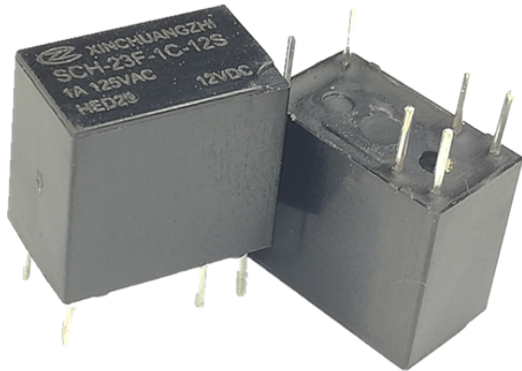




Relay



Contact Rating

- Nominal Load(Resistive Load $\cos \phi = 1$)
Contact Capacity
SCH-23F..... 1A at 125VAC
1A at 24VAC
- Max. Allowable Current
SCH-23F..... 1A
- Max. Allowable Voltage
SCH-23F..... AC125V,DC24V
- Max. Allowable Power Force
SCH-23F..... 250VA 48W
- Contact Material..... Ag Alloy
- Contact Form..... SPDT

Performance (at Initial Value)

- Contact Resistance..... $\leq 100m \Omega$ at 6VDC/1A
- Operate Time..... ms. Max
- Release Time..... ms. Max
- Dielectric Strength:
Between Coil & Contact..... 750VAC at 50/60 Hz
for one minute
Between Contacts..... 500VAC at 50/60 Hz
for one minute
- Surge Resistance..... 1,500V (between Coil
& Contact 1.2x50 μs)

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Main Feature

1. Small size (12.7x7.6x10 in mm) produces a switching capacity up to 1A for high density P.C.Board mounting technique.
2. The contact form construction is 1C
3. The Surge Resistance of 23F series is 1,500V
4. Sealing Construction (Free from dust and solder flux): SCH-23F: Flow Solder Type.
5. The selection of plastic insulation material is designed for high temperature and provides better chemical solution performance.
6. RoHS Compliant.

Application

Air Conditioning, Fridge, Washing Machine, etc Household Appliances

- Insulation Resistance..... 1,000 Mega Ω Min. at 500VDC
- Max. On/Off Switching:
Electrical..... 30 Ops per minute
Mechanical..... 300 Ops per minute
- Temperature Range..... 30~70°C
- Humidity Range..... 5%~85% RH
- Coil Temperature Rise..... 35°C Maximum
- Vibration:
Endurance..... 10 to 55 Hz dual
amplitude width 1.5mm
Error Operation..... 10 to 55 Hz dual
amplitude width 1.5mm
- Shock:
Endurance..... 981m/s² Min
Error Operation..... 98.1m/s² Min
- Life Expectancy:
Electrical..... 10⁵ Operations at
Rated Resistive
load
Mechanical..... 10⁷ Operations at
No load condition
- Weight..... about 3g



Relay

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Coil Specification (at 20 °C)

Coil Sensitivity	Nominal Voltage (VDC)	Nominal Current (mA)	Coil Resistance ($\Omega \pm 8\%$)	Power Consumption (W)	Pull-In Voltage (VDC)	Drop-Out Voltage (VDC)	Maximum Allowable Voltage (VDC)
23F-S	3	66.7	45	Abt. 0.2	75% Maximum	10% Minimum	130%
	5	40	125				
	6	33.7	180				
	9	22.5	400				
	12	16.7	720				
	24	8.3	2880				
23F-LS	3	50	60	Abt. 0.15	75% Maximum	10% Minimum	130%
	5	29.9	167				
	6	25	240				
	9	16.7	540				
	12	12.5	960				
	24	6.3	3840				

Ordering Information

SCH - 23F - 1C - 12 L S

Seal type: S

Coil Type: Blank :0.2W Standard DC Coil
L:0.15W High Sensitivity DC Coil

Coil Voltage: 3:3V, 5:5V,6:6V, 9:9V,12:12V,24:24V.

Number of Pole: 1:One Group NO/NC

Model:23F

Generic Terms: SCH

Dimension

