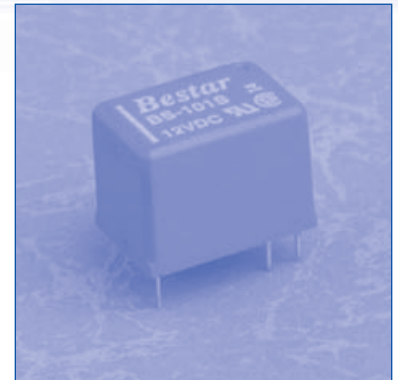


FEATURES

- SPDT (1 Form C) suitable for medium current rating at 2 Amps.
- Small size (15.5*10.5*10.9mm)
- Power consumption of standard type 450mW and high sensitivity type 200mW
- DIL terminal
- Application: OA equipment, Security alarm system
- UL File No. E147052
- CSA File No. LR76479-1



COIL RATING (at 20 °C)

Model No.	Nominal Voltage (VDC)	Coil Resistance ($\Omega \pm 10\%$)	Nominal Current (mA)	Pick-Up Voltage (VDC)	Drop-Out Voltage (VDC)	Power(mW) Consumption
BS-101	3	20	150	2.25	0.3	450
	5	56	90	3.75	0.5	
	6	80	75	4.50	0.6	
	9	180	50	6.75	0.9	
	12	320	37.5	9.00	1.2	
	24	1280	18.8	18.00	2.4	
BS-101B	3	45	66.7	2.25	0.3	200
	5	120	41.7	3.75	0.5	
	6	180	33.3	4.50	0.6	
	9	400	22.5	6.75	0.9	
	12	700	17.1	9.00	1.2	
	24	2800	8.6	18.00	2.4	

ORDERING INFORMATION

BS-101 B S - 12VDC

Coil Sensitivity	Protection	Coil Voltage
Nil: Standard 450mW B: High Sensitivity 200mW	Nil: Flux Free S: Sealed	See Coil Rating

SPECIFICATIONS

Model No.	BS-101	BS-101B
Contact Arrangement	1 Form C	
Contact Material	Ag Alloy	
Contact Rating(at Resistive Load)	1A 24VDC 1A 120VAC	
Max. Switching Voltage	240VAC, 60VDC	
Max. Switching Current	2A	
Min. Switching Load	100mA 5VDC	
Contact Resistance	Max. 100m Ω (initial)	
Insulation Resistance	Min. 100M Ω at 500VDC	
Dielectric Strength		
Between Coil & Contact	700 VAC (1 minute)	
Between Contacts	700 VAC (1 minute)	
Surge Strength	1000V	
Operate Time	Max. 7mSec.	Max. 10mSec.
Release Time	Max. 6mSec.	
Ambient Temperature	-25 °C~+50 °C	
Vibration Resistance (Endurance)	1.5mm D.A. 10-55HZ	
Shock Resistance	Min. 10G Unerror	
Mechanical Life	1x 10 ⁷ operations (at no load)	
Electrical Life	1 x 10 ⁵ operations (at rated load)	
Weight	Approx. 3.5g	

DIMENSIONS(mm) General Tolerance ± 0.3	WIRING DIAGRAM (Bottom View) PC board pattern (mm) (Bottom View) General Tolerance ± 0.1
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