

■ FEATURES

- Sub-miniature size (22*17*14.9mm)
- Large Switching Capacity up to 10A
- Power consumption of 450mW & 330mW
- Application: Power supply, UPS, Security alarm system, and TV control units, etc...
- 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-114	5	56	90	3.75	0.5	450
	6	80	75	4.50	0.6	
	12	320	37.5	9.00	1.2	
	24	1280	18.8	18.00	2.4	
BS-114B	5	80	62.5	3.75	0.5	330
	6	110	54.5	4.50	0.6	
	12	400	30	9.00	1.2	
	24	1780	13.5	18.00	2.4	

■ ORDERING INFORMATION

BS-114 BS - 10A - 12VDC

Coil Sensitivity	Protection	Contact Rating	Coil Voltage
Nil: Standard 450mW B: High Sensitivity 330mW	Nil: Flux Free S: Sealed	6A: 6A 120VAC/28VDC 3A 240VAC 10A: 10A 120VAC/28VDC 5A 240VAC	See Coil Rating

■ SPECIFICATIONS

Model No.	BS-114-6A	BS-114-10A
Contact Arrangement	1 Form C	
Contact Material	AgCdO	
Contact Rating(at Resistive Load)	6A 120VAC/28VDC 3A 240VAC	10A 120VAC/28VDC 5A 240VAC
Max. Switching Voltage	240VAC, 60VDC	
Max. Switching Current	6A	10A
Min. Switching Load	100mA 5VDC	
Contact Resistance	Max. 100mΩ (initial)	
Insulation Resistance	Min. 1000MΩ at 500VDC	
Dielectric Strength		
Between Coil & Contact	2000VAC 50 HZ/60 HZ (1 minute)	
Between Contacts	750VAC 50 HZ/60 HZ (1 minute)	
Surge Strength	2500V	
Operate Time	Max. 7mSec.	
Release Time	Max. 4mSec.	
Ambient Temperature	-30 °C~+60 °C	
Vibration Resistance (Endurance)	1.5mm D.A. 10-55HZ	
Shock Resistance	Min. 10G Unerror	
Mechanical Life	1 x 10 ⁷ operations (at no load)	
Electrical Life	1x 10 ⁵ operations (at rated load)	
Weight	Approx. 10g	

