BS-901 PC BOARD RELAY *Bestar*

■ FEATURES

- Designed for the Appliance Industry and Heating, Ventilating and Air-Conditioning
- Switching Capacity up to 30A & inexpensive
- It is offered as an open, dust cover and sealed type
- UL File No. E147052
- CSA File No. LR76479-1

■ COIL RATING (at 20°C)

Nominal Voltage (VDC)	Coil Resistance ($\Omega\pm10\%$)	Pick-Up Voltage (VDC)	Drop-Out Voltage (VDC)	Nominal Power (W) Consumption
5	27	3.75	0.5	0.93
6	40	4.50	0.6	0.90
9	97	6.75	0.9	0.84
12	155	9.00	1.2	0.93
15	256	11.25	1.5	0.88
18	380	13.50	1.8	0.85
24	660	18.00	2.4	0.87
48	2560	36.00	4.8	0.97

■ ORDERING INFORMATION

- BS-901CS-12VDC

Model No.	Contact Arrangement	Protection	Coil Voltage
BS-901	A: 1 Form A C: 1 Form C	Nil : Open C: Dust Cover S: Sealed	See Coil Rating

■ SPECIFICATIONS

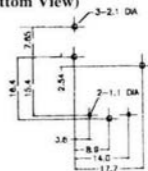| Model No.		BS-901	
Contact Arrangement		1 Form A	1 Form C
Contact Material		Silver Alloy	
Contact Rating	Resistive Load	30A 240VAC 30A 28VDC	NO:20A 240VAC NC:15A 28VDC
	Motor Load	2HP 240VAC 1HP 120VAC	NO:2HP 240VAC 1HP 120VAC NC:1/2HP 240VAC 1/4HP 120VAC
Contact Resistance		Max. 100mΩ (initial)	
Max. Switching Current		30A	20A
Max. Switching Voltage		240VAC, 30VDC	
Min. Switching Load		1A 5VDC, or 12VDC	
Insulation Resistance		Min. 100MΩ at 500VDC	
Dielectric Strength Between Coil & Contact Between Contacts		1500VAC 50 HZ/60 HZ (1 minute) 1500VAC 50 HZ/60 HZ (1 minute)	
Operate Time		Max. 15mSec.	
Release Time		Max. 10mSec.	
Ambient Temperature		-55°C ~ +85°C	
Vibration Resistance (Endurance)		1.0mm D.A. 10-55HZ	
Shock Resistance		Unerror 10G	
Mechanical Life		10,000,000 Operations (no load)	
Electrical Life		100,000 Operations (at rated load)	
Weight		Approx. 20g (Open type), 25g (Sealed type)	

BS-901

DIMENSIONS (in mm)

*Open Type
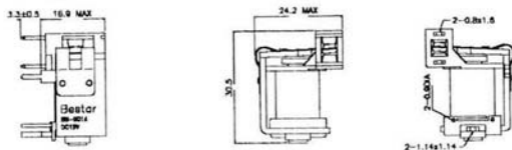
*Sealed Type
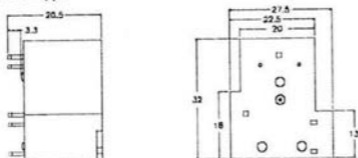
WIRING DIAGRAM
(Bottom View)

1 Form A   1 Form C

DRILLING PLAN (in mm)
(Bottom View)

TOLERANCE: ±0.1