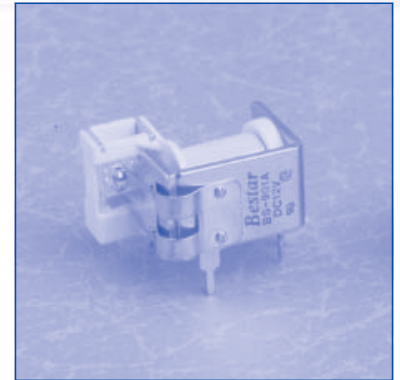


## ■ FEATURES

- Designed for the Appliance Industry and Heating, Ventilating and Air-Conditioning
- Switching Capacity up to 30A
- UL File No. E147052
- CSA File No. LR76479-1



## ■ COIL RATING (at 20 °C)

Nominal Voltage (VDC)	Coil Resistance ( $\Omega \pm 10\%$ )	Nominal Current (mA)	Pick-Up Voltage (VDC)	Drop-Out Voltage (VDC)	Maximum Allowable Voltage(VDC)	Power(W) Consumption
5	27	185	3.75	0.5	5.5	0.93
6	40	150	4.50	0.6	6.6	0.90
9	97	93	6.75	0.9	9.9	0.84
12	155	77	9.00	1.2	13.2	0.93
24	660	36	18.00	2.4	26.4	0.87
48	2560	18	36.00	4.8	52.8	0.97

## ■ ORDERING INFORMATION

### BS-901CS-12VDC

Contact Arrangement	Protection	Coil Voltage
A: 1 Form A C: 1 Form C	Nil: Open C: Dust Cover S: Sealed	See Coil Rating

## ■ SPECIFICATIONS

<b>Model No.</b>		<b>BS-901</b>	
<b>Contact Arrangement</b>		1 Form A	1 Form C
<b>Contact Material</b>		AgCdO	
<b>Contact Rating</b>	<b>Resistive Load</b>	30A 240VAC/28VDC	NO- 20A 240VAC/28VDC NC-15A 240VAC/28VDC
	<b>Motor Load</b>	2HP 240VAC 1HP 120VAC	NO: 2HP 240VAC 1HP 120VAC NC: 1/2HP 240VAC 1/4HP 120VAC
<b>Contact Resistance</b>		Max. 100mΩ (initial)	
<b>Max. Switching Current</b>		30A	20A
<b>Max. Switching Voltage</b>		240VAC, 110VDC	
<b>Min. Switching Load</b>		1A 5VDC, or 12VDC	
<b>Insulation Resistance</b>		Min. 1000MΩ at 500VDC	
<b>Dielectric Strength</b>			
<b>Between Coil &amp; Contact</b>		1500VAC 50 HZ/60 HZ (1 minute)	
<b>Between Contacts</b>		1500VAC 50 HZ/60 HZ (1 minute)	
<b>Operate Time</b>		Max. 15mSec.	
<b>Release Time</b>		Max. 10mSec.	
<b>Ambient Temperature</b>		-55 °C~+85 °C	
<b>Vibration Resistance (Endurance)</b>		1.0mm D.A. 10-55HZ	
<b>Shock Resistance</b>		Unerror 10G	
<b>Mechanical Life</b>		1x 10 <sup>7</sup> operations (at no load)	
<b>Electrical Life</b>		1x10 <sup>5</sup> operations (at rated load)	
<b>Weight</b>		Approx. 20g (Open type), 25g (Sealed type)	

