



## ■ FEATURES

- Long life
- Suitable for low to high level loads
- P.C. Board terminal & Solder available
- UL File No. E147052
- CSA File No. LR76479-1



## ■ COIL RATING (at 20°C)

Nominal Voltage	Coil Resistance ( $\Omega \pm 10\%$ )	Nominal Current (mA)	Pick-Up Voltage	Drop-Out Voltage	Nominal Power Consumption
6VDC	40	150.0	4.8VDC	0.6VDC	Approx. 0.9W
12VDC	160	75.0	9.6VDC	1.2VDC	
24VDC	650	37.0	19.2VDC	2.4VDC	
48VDC	2600	18.5	38.4VDC	4.8VDC	
100VDC	11000	9.1	80.0VDC	10.0VDC	
6VAC	-	183	4.8VAC	1.8VAC	Approx. 1.2VA
12VAC	-	95.0	9.6VAC	3.6VAC	
24VAC	-	56.0	19.2VAC	7.2VAC	
48VAC	-	26.0	38.4VAC	14.4VAC	
110VAC	-	11.0	88.0VAC	33.0VAC	
220VAC	-	6.8	176.0VAC	66.0VAC	

## ■ ORDERING INFORMATION

• BS-108-2C P-12VDC-FT

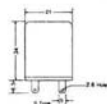
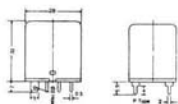
Contact Arrangement	Terminal	Coil Voltage	Flange Panel Mount
1C : 1 Form C 2C : 2 Form C	P: PC Board S: Solder	See Coil Rating	FT: Flange on Top FB: Flange on Bottom

## ■ SPECIFICATIONS

Model No.	BS-108-1C	BS-108-2C
Contact Arrangement	1 Form C	2 Form C
Contact Material	AgCdO	
Contact Rating ( Resistive Load )	15A 120VAC 15A 28VDC	10A 120VAC 10A 28VDC
Contact Resistance	Max. 50mΩ (initial)	
Max. Switching Current	15A	10A
Max. Switching Voltage	250VAC, 125VDC	
Insulation Resistance	Min. 100MΩ at 500VDC	
Dielectric Strength Between Coil & Contact Between Contacts	1500VAC 50 HZ/60 HZ ( 1 minute ) 1000VAC 50 HZ/60 HZ ( 1 minute )	
Surge Strength	2000V	
Operate Time	Max. 25mSec.	
Release Time	Max. 25mSec.	
Ambient Temperature	-20°C ~ +40°C	
Vibration Resistance (Endurance)	1.0mm D.A. 10-55Hz	
Mechanical Life	AC-10,000,000 Operations / DC-50,000,000 Operations	
Electrical Life	500,000 Operations	
Shock Resistance	Unerror 20G	
Weight	Approx. 35g	

## BS-108

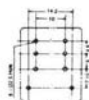
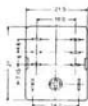
DIMENSIONS (in mm)

WIRING DIAGRAM  
(Bottom View)

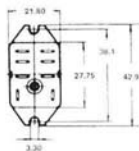
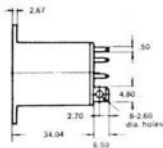
1C



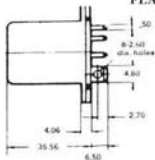
2C

DRILLING PLAN (in mm)  
(Bottom View)

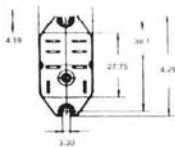
FLANGE TOP-FT



FLANGE BOTTOM-FB



Side View



Bottom View