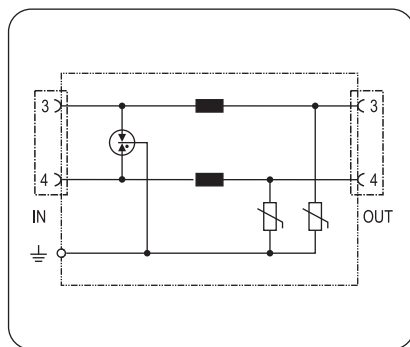


BS RJ11 110

Basic circuit diagram:



• Technical data

Type		BS RJ11 110
Art.-No.		630 005
Nominal voltage	U_N	110V-
Rated voltage (max. continuous voltage)	U_C	170V- / 120V~
Nominal current	I_L	0.5A
Lightning impulse current (10/350)	I_{imp}	5kA
Nominal discharge current (8/20)	I_n	2.5kA (per line) 5kA (total)
Voltage protection level at I_n	U_p	$\leq 500V$ (line-line) $\leq 270V$ (line-PG)
Voltage protection level at 1kV/ μ s	U_p	$\leq 460V$ (line-line) $\leq 230V$ (line-PG)
Response time	t_A	$\leq 1ns$ (line-line) $\leq 100ns$ (line-PG)
Bandwidth	f_G	16MHz (line-PG)
Series impedance per line	R	1.8 Ω
Operating temperature range		-40°C...+80°C
Connection (input / output)		RJ11 shield socket
Shield earthing		Screw terminal
Mounting on		35mm DIN rail
Enclosure material		Aluminum
Test standards		IEC 61643-21; GB 18802.21; YD/T 1542
Certification		CE(LVD,EMC)

• Product introduction

1. Summary

BS RJ11 110 protects the telecommunication system, ADSL and ISDN system from interruption caused by surge voltages; Surge protective devices with RJ11 interface. Designed according to IEC 61643-21; GB 18802.21; YD/T 1542

2. Main character

- For protecting telephone system ADSL and ISDN system, and so on
- Good discharge capacity, low voltage protection level
- Quick response, high transmission speed, low signal attenuation
- RJ11 connection, easy for installation

3. Application

BS RJ11 110 is used for the telecommunication system, ADSL and ISDN system and so on.

4. Application environment

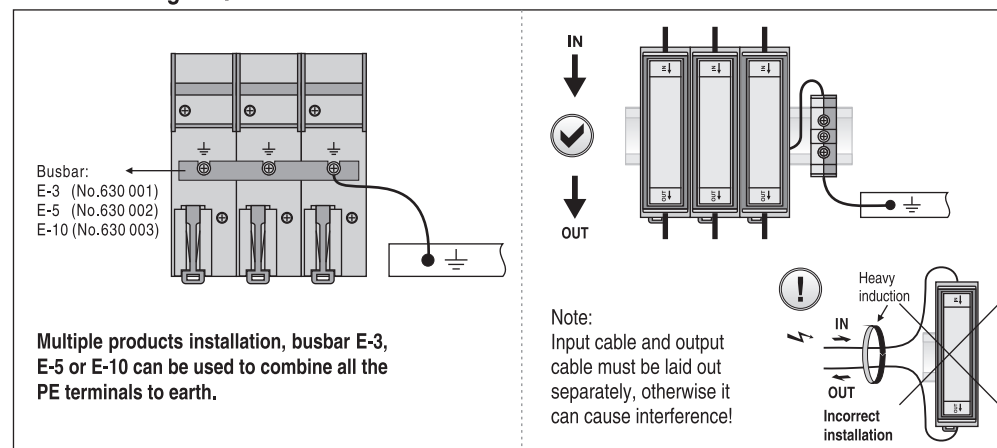
- Temperature: -40°C ~ +80°C
- Relative humidity: $\leq 95\%$ (25°C)

• Installation instruction

1. This product is connected in series to the protected device.
2. Mount the SPD on 35 mm DIN rail.
3. The out terminal should be connected to the protected devices.
4. SPD's earthing terminal must be connected to nearby earthing BusBar or the metal earthing enclosure of protected device.
5. After above, you should ensure the circuit is functioning.

Regularly inspect the operating status, especially after lightning.
Once the communication is off, electrician should check the SPD.

Installation diagram :



WARNING:

1. The device must be installed by electrically skilled person, conforming to national standards and safety regulations.
2. It is recommended that installation should be done under power off condition.