
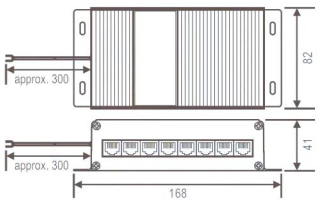
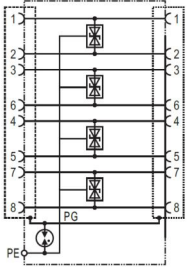

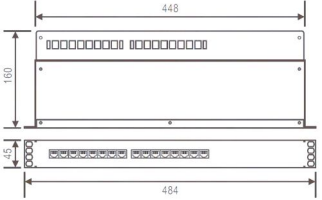
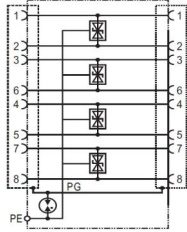

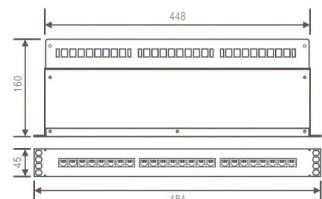
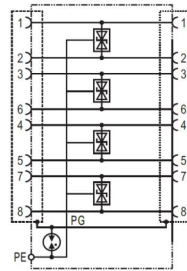




■ TSTLP® Multi-RJ45 Port Surge Arrester for Network Protection

❖ **INTRODUCTION:** Multi-RJ45 Ports Surge Arrester are designed according to IEC 61643-21; GB 18802.21; YD/T 1542 to protect network equipment from interruption caused by surge current; Surge protective devices with 24/16/8 Ports RJ45 interface, all protected by four pairs lines protected. Mainly use for ethernet 100BaseT/TX/T4、ATM 155MBit/s、100VG-Any-LAN、CDDI、10Base T(IEEE 802.3)、Token Ring(IEEE 802.5)etc.(e.g. Telecom-communication,server, router,computer, and so on).Module design for standard 19" distribution cabinet.

		
TS-8RJ45/5/8 Product Photo	TS-8RJ45/5/8 Dimension(mm)	TS-8RJ45/5/8 BCD
		
TS-16RJ45/5/8 Product Photo	TS-16RJ45/5/8 Dimension(mm)	TS-16RJ45/5/8 BCD
		
TS-24RJ45/5/8 Product Photo	TS-24RJ45/5/8 Dimension(mm)	TS-24RJ45/5/8 BCD

❖ TECHNICAL DATA

Model		TS-24RJ45/5/8 TS-16RJ45/5/8 TS-8RJ45/5/8
Nominal voltage	Un	5V-
Rated voltage (max. continuous voltage)	Uc	6V- 4.2V~
Nominal discharge current (8/20)	In	300A (line-line) 300A (line-PG)
Max. discharge current (8/20)	Imax	400A (line-line) 400A (line-PG)
Voltage protection level at In	Up	≤50V (line-line) ≤50V (line-PG)
Voltage protection level at 1kV/ms	Up	≤13V (line-line) ≤13V (line-PG)
Capacitance	C	≤35pF (line-line) ≤50pF (line-PG)
Response time	tA	≤1ns (line-line) ≤1ns (line-PG)
Bandwidth	fG	165Mbits/s
Max. data transmission rates	Vs	155Mbits/s
Operating temperature range		-40°C...+80°C
Relative humidity		≤95% (25°C)
Connection (input / output)		RJ45 shield socket
Pining		1/2, 3/6, 4/5, 7/8
Shield earthing		Metal enclosure
Standards		IEC 61643-21; GB 18802.21; YD/T 1542
Compliance		CE(LVD,EMC)



❖ MAIN CHARACTER

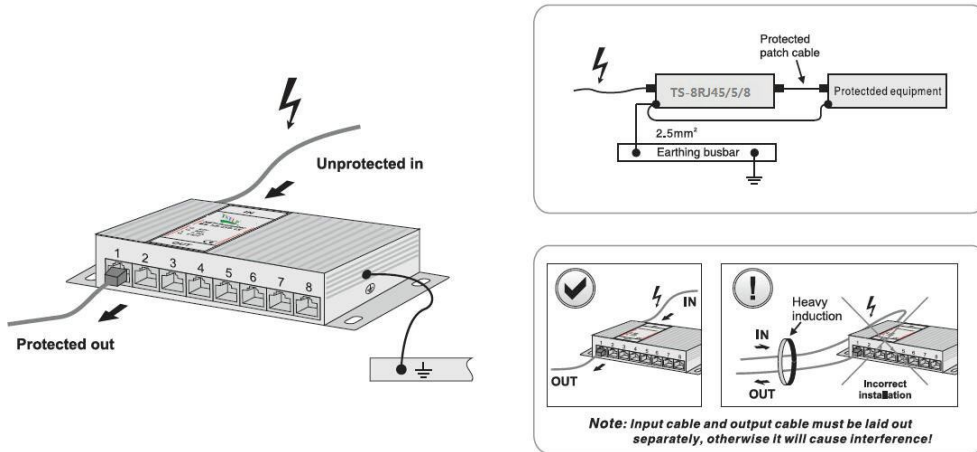
- ✓ Low voltage protection level;
- ✓ Quick response;
- ✓ Low insertion loss

INSTALLATION INSTRUCTION

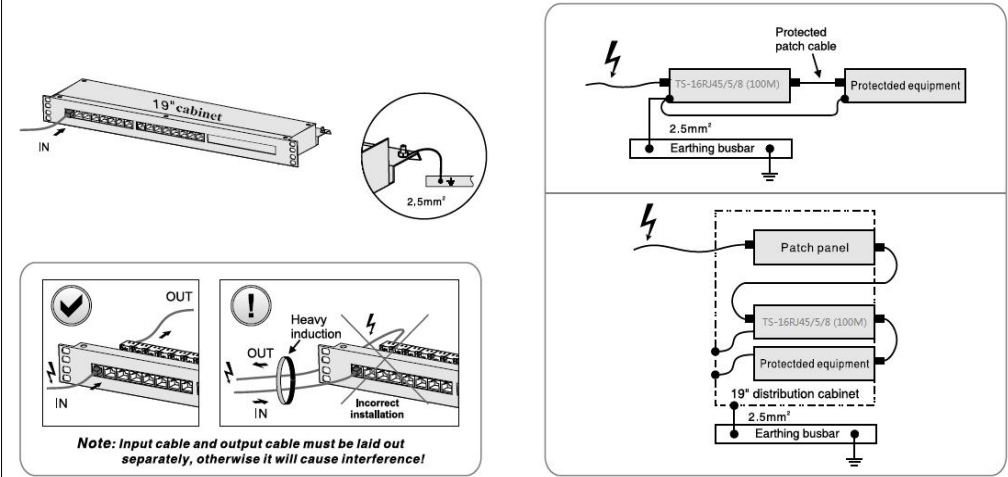
1. This product is connected in series to the protected device.
2. Can be mounted in the 19" distribution cabinet..
3. The out terminal should be connected to the protected devices.
4. SPD's earthing terminal must be connected to nearby earthing BusBar or the metal earthing enclosure of protected device.
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/replace the SPD.

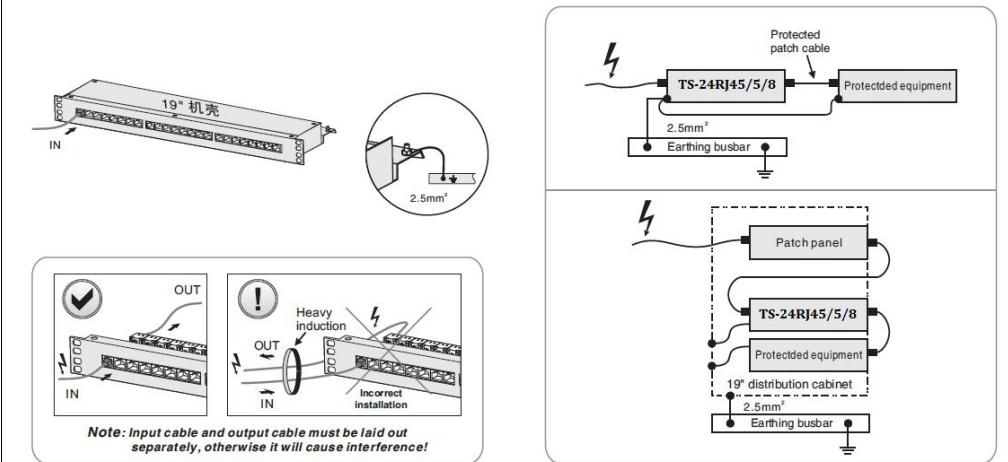
TS-8RJ45/5/8 INSTALLATION DIAGRAM



TS-16RJ45/5/8 INSTALLATION DIAGRAM



TS-24RJ45/5/8 INSTALLATION DIAGRAM



WARNING:

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