

## TRSS-RJ45 Din-rail Surge protection device

TRSS-RJ45 series signal surge protective device are specially used for various computer network such as Ethernet network(LAN), its satisfied different types lightning -proof areas, the connector of its input and output is RJ45 female connector, which is easily connected and installed ,and it is main used in server equipment, working station(intranet)and router, HUB and board band RJ45 interface protection for protecting equipment, which will damaged by the over voltage of the earth or the line inductance.

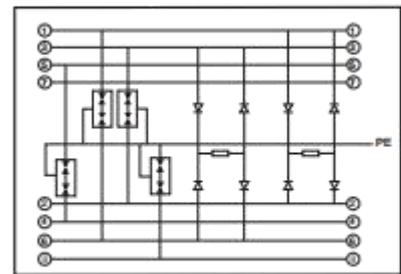
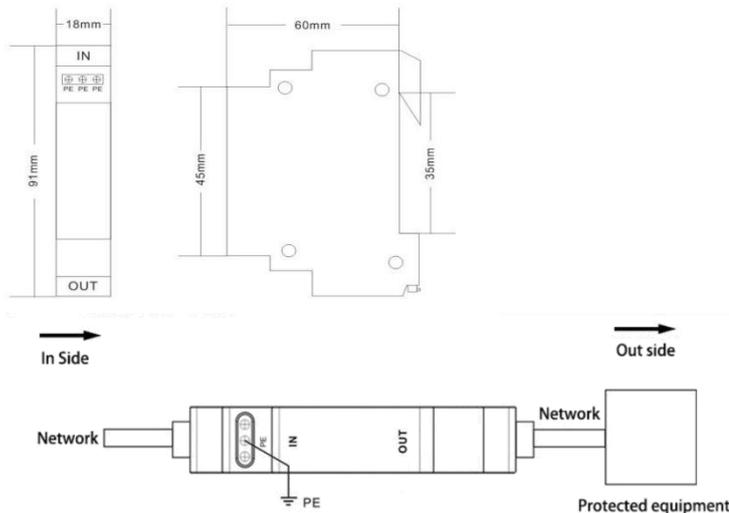
### Features:

1. Cat6 and POE RJ45 network data protector
2. High discharge capability and fast response time
3. Strong protection ability and high reliability
4. With a variety of protection functions: power and network signals

### Product and circuit diagram:



### Dimension and install diagram:



Product model	TRSS-RJ45/8
In accordance with	IEC 61643-21, EN61643-21
Pin 1/2/3/6 Network input Voltage (Vdc) :	5Vdc
Pin 4/5/7/8 PoE Voltage (Vdc) :	48Vdc
Normal discharge current (8/20us) kA. In	5
Max discharge current (8/20us) kA. Imax	10
Voltage protection Level (V)	45V
Insertion loss	≤0.1dB
Response time	Instantaneous
Transmission Speed	1000Mbps
Type of connection In/Out	RJ45
Ethernet cable Transmission performance	CAT 6
Connection Type	Series
Protective line	Data:1/2/3/6; PoE:4/5/7/8
Mounting	35mm-DIN rail
Material	PA66
Weight (kg.)	0.09
Operating temperature range	-40°C to +70°C
Environmental protection	IP20