

**Features:**

- Large Discharge Current and Fast Response Time
- It has multiple protection of overvoltage, overcurrent, and voltage Limit
- Standard Connector, small size and light weight

**Applications:**

- Computer Networks
- Telecommunications
- Home networks
- Medical Facilities
- Transportation System

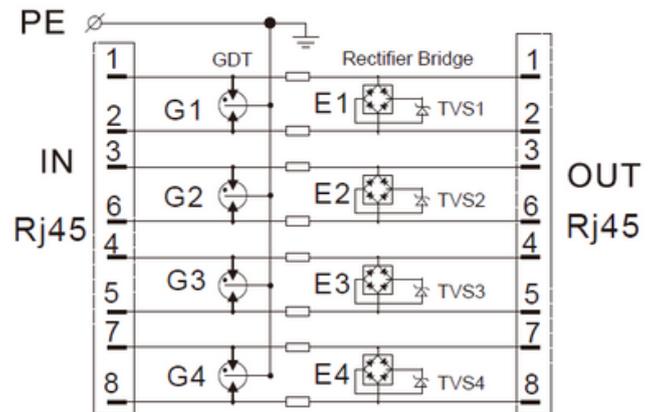

**DATASHEET**

# Network signal surge protector – NSPRJ45

It is mainly used for surge (Lightning protection) protection of data signal Transmission lines and equipment such as computer network and Monitoring front-end ball machines

**Technical Specifications:**

Part Number	:E112454-1
SPD type	:C2
Nominal Voltage	:5VDC
Maximum Continuous Operating Voltage	:8VDC
Nominal discharge current 15x 8/20 $\mu$ s impulses	:3 kA
Maximum discharge current max. withstand @ 8/20 $\mu$ s by Pole	:5 kA
Total Maximum discharge current max. total withstand @ 8/20 $\mu$ s	:40 kA
Response Time	:<10ns
Ambient temperature	:-20°C to +80°C
Operating temperature	:-40°C to +85°C

**Typical Circuit Diagram:**


Protection level N/PE@ In(8/20μs)	:<30V
Protection level L/PE@ In(8/20μs)	:<300V
Network	:1GB/s Cat5
Insertion Loss	:<0.5dB
Transmission Frequency	:100Mbps
Installation Method	:Hanging/35mm DIN Rail
Protection mode(s)	:L-N, N-PE
Technology	:GDT+TVS
Mounting	:Hanging/35mm DIN Rail
Housing material	:Black Aluminum Alloy/Flame Retardant
Protection rating	:IP 20
Spare module(s)	:Available
Weight(KG)	:0.12

## Mechanical Information

