

## S1.4-0.1K-RJ45

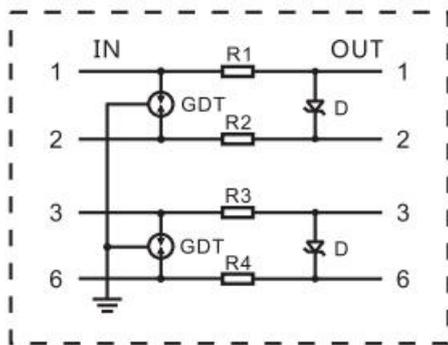
### scope of application

Primarily designed for electronic devices in computer networks such as routers, servers, and workstations, as well as various network-connected video surveillance systems. It protects against permanent damage or transient interruptions caused by induced overvoltages, overcurrents, and other transient surge voltages from lightning strikes or industrial noise.

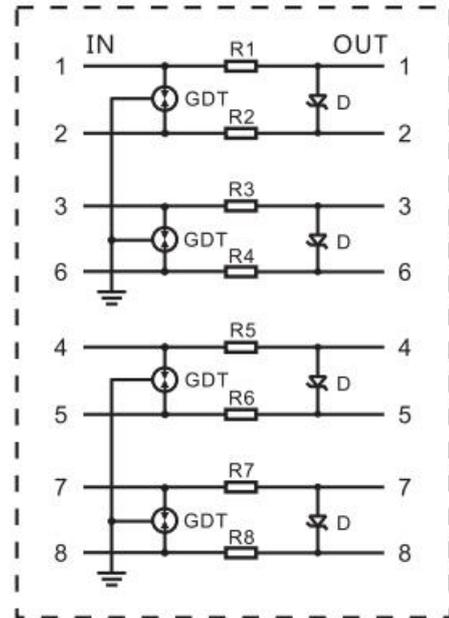
### technical parameter

model	S1.4-0.1K-RJ45
SPD basis: GB/T18802.21/IEC61643-21	C2
nominal voltage (Un)	1.4V
Continuous operating voltage (Uc)	3V
Nominal discharge current (8/20 $\mu$ s) [In]	500A (line to ground), 100A (line to line)
Voltage protection level (Up) [line to line]	45V
Voltage protection level (Up) [line to ground]	300V
transmission speed	100MHz/1000MHz
insertion loss	$\leq 0.5$ dB
response time (t)	$\leq 1$ ns
Working temperature range (Tu)	-40 $^{\circ}$ C ~ +70 $^{\circ}$ C
protective circuit	Line 1, 2, 3, 6 / Line 1, 2, 3, 4, 5, 6, 7, 8
Network devices	100MHz Ethernet device, 1000MHz Ethernet device, or POE device
maximum load current	0.4A per pair of wires
way to install	RJ45 plug-in
Shell material	Gray thermoplastic material, UL94 V-0
installation site	indoor
levels of protection	IP20
relative humidity	$\leq 95\%$ No condensation

### schematic diagram

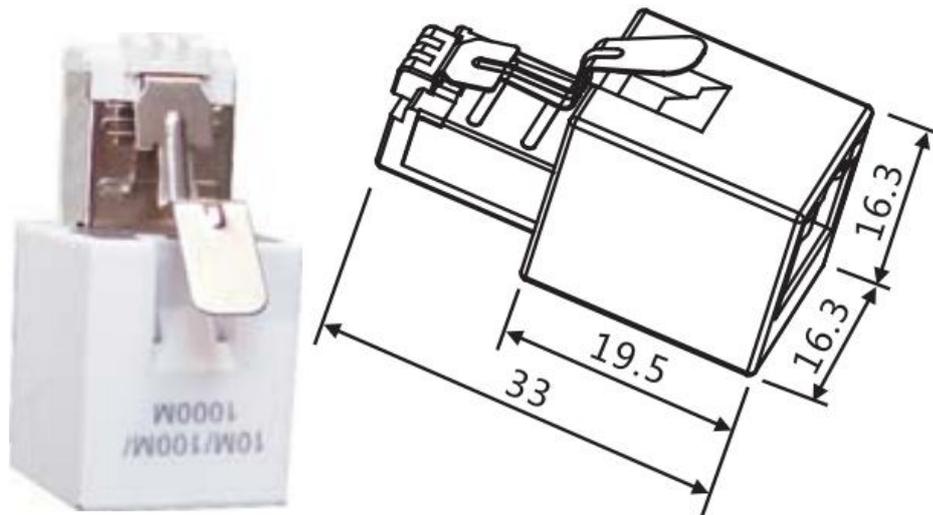


100MHz

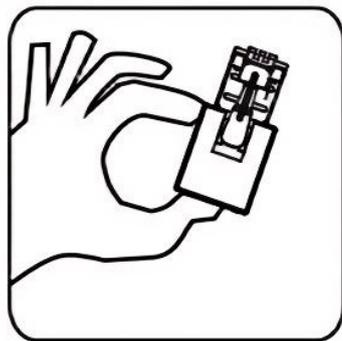


1000MHz

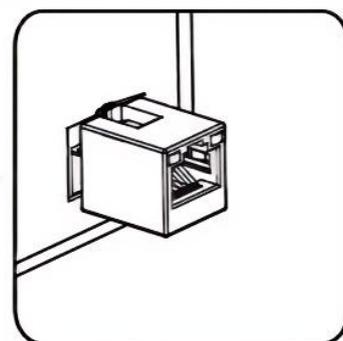
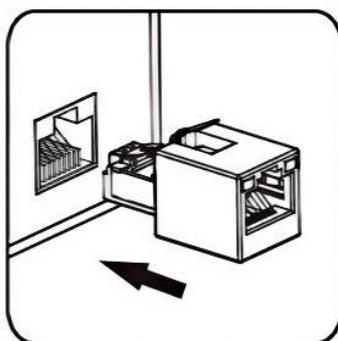
outline dimensional drawing



hookup



手指般大小，携带方便



随插即用，使用方便

### Disclaimer

Specifications are subject to change without notice.

The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time.

Users should verify actual device performance in their specific applications.