NETWORK SURGE PROTECTOR

(1) Product Description:

This product is designed according to IEC and National relevant standards, used for lightning protection of computer data interface or network data system of electronic equipment.

◆ Adopt principle of discharging, clamping and voltage stabilization to realize effective and reliable anti-shock high-voltage pulse and accurate clamping voltage.

◆ Core components are selected international brands, with advantage of multi-level protection, low residual voltage, fast response time.

◆ Low-volume design, low insertion loss, excellent transmission performance, large intake capacity, and long life time.

◆ Easy install and simple maintenance.

◆ Apply to lightning protection of the web server, router, network switch, HUB, computer network,100/1000M ethernet, IP telephone .

(2) Product Parameters:

TYPE	KLF-RJ45-16E
Operating Voltage (Un)	5V
Rated Current	300mA
Nominal Discharge Current (8/20µs) (In)	5KA
Max. Discharge Current (8/20µs) (Imax.)	10KA
Voltage Protection Level (Up)	≤15V
Transmission Rate (bit/s)	100/1000M
Insertion Loss	≤0.2dB
Interface Model	RJ45
Protected Core Wire	1~8line
Protect The Port Quantity	16
Working Environment	Temperature:-40°C~+70°C;Relative humidity<90%
Dimension(L×W×H)	485x105x62mm
Weight	1.92kg

(3) Product Installation:

1. The product is in series installed between the RJ45 interface signal channels and equipment protected which are at the junction of LPZ2 area and LPZ3 area; the output connect with the equipment protected.

2. All wires must be solid and connected by electric.

3. Apply to indoor, if outdoors installation, must with waterproof box.

4. Lightning proof grounding should be consistent with lightning protection regulatory requirements, grounding wire should be as thick and short as possible, resistance should be less than 4Ω.The grounding line: $BVR \geq 2.5mm^2$.

(4) Product size and installation diagram:

Unit: mm