# 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.

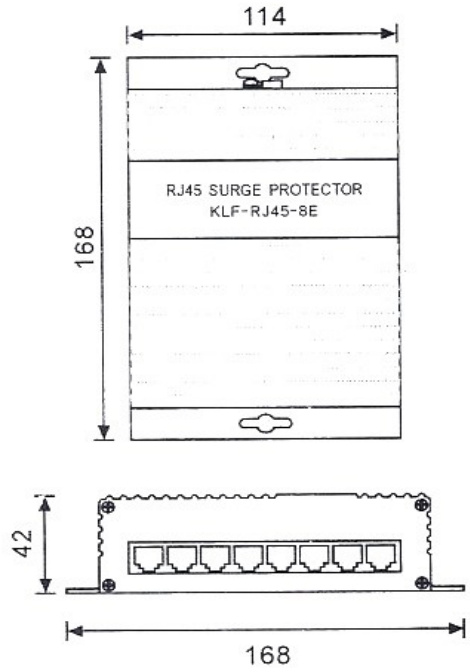
(2) Product Parameters:

| | |
|---|---|
| TYPE | KLF-RJ45-8E |
| Working Voltage (Un) | 5V |
| Rated Current | 300mA |
| Transmission rate (bit/s) | 100/1000M |
| Insertion Loss | ≤0.2dB |
| Nominal Discharge Current (8/20μs)(In) | 5KA |
| Max. Discharge Current (8/20μs) (Imax.) | 10KA |
| Limit voltage (Up) | ≤15V |
| Interface Model | RJ45 |
| Protected Core Wire | 1~8line |
| Protect the port quantity | 8 |
| Working Environment | Temperature -40°C~+70°C;Relative humidity<90% |
| Dimension(L×W×H) | 114×42×168mm |
| Weight | 0.42kg |

(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≥ 2.5mm$^2$.

(4) Product size and installation diagram:




Unit: mm