

Signal Surge Protector Four Wire KLF 24V/4M

Order No : L4024

(1) Product description:

KLF series 4 wire analog signal SPD apply to the lightning protection of double UTP which connected by the way of terminal, to avoid equipment damaged caused by surge over voltage which induced from lightning strike, can be used equipment protection which connected by kinds of data control wire, applied to LPZ1 area at the junction with the LPZ2.



- ◆ Apply to the lightning surge protection of the 4 core signal wire.
- ◆ Core components are selected international brands, with advantage of multi-level protection, low residual voltage, fast response time.
- ◆ Adopt principle of discharging, clamping and voltage stabilization to realize effective and reliable anti-shock high-voltage pulse and accurate clamping voltage.
- ◆ Low-volume design, excellent transmission performance, and long life time.
- ◆ With advantage of large intake capacity, low insertion loss, no interference and long working time.
- ◆ Standard guide rail way installation, Small size, easy installation.

(2) Technology parameters:

Model	KLF-24V/4M
Working Voltage (Un)	24V
Rated Current	300mA
Nominal Discharge Current(8/20μs)(In)	5KA
Max. Discharge Current (8/20μs) (Imax.)	10KA
Voltage Protection Level(U _p)	≤35V
Working Frequency	10MHz
Insertion Loss	≤0.2dB
Working Environment	Temperature -40°C ~+70°C;Relative humidity<90%
Interface Model	4 p terminals
Protected Core	1~4
Dimension(L×W×H)	90×18×60mm
Weight	0.07kg

(3) Product installation:

1. The analog signal SPD in series installed between signal channel and the device protected, the output termination is connected with the device protected.
2. The product adopt the way of 35 mm guide rail installation, all wires must be solid and connect by electric .analog signal SPD grounding cable: BVR≥2.5mm².
3. 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.

(4) Product size and installation diagram:

