

Signal Surge Protector Three Wire KLF 12V/3M

Order No : L3012

(1) Product description:

KLF series three 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-12V/3M	
Category	Power Supply	Signal
Working Voltage (Un)	12V	12V
Working Frequency	/	2MHz
Rated Current	1.5A	300mA
Insertion Loss	/	≤0.2dB
Nominal Discharge Current(8/20μs)(In)	5KA	
Max. Discharge Current (8/20μs) (Imax.)	10KA	
Voltage Protection Level(U _p)	≤20V	
Working Environment	Temperature -40°C ~+80°C;Relative humidity<95%	
Interface Model	4 p terminals	
Protected Core	Power: + -, Signal: S	
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:

