

RS485/Video/Audio signal Lightning Protector

RS485/Video/Audio Lightning Protection Device has IEC standard design. It's thread three filter circuit design pressure protection, low residual voltage, special production process, appearance generous novel.

Ease of installation. Main Fine lines in the video signal-Surge / flow overvoltage protection, a road or road transport interface, fully meet user needs. Monitoring works is the preferred product.



FEATURES

- Multi-level protection, can protect load current 10A signal circuit;
- Low capacity, excellent transmission performance
- Use standard connection, small volume, light in weight;
- Protect a pair signal circuit;
- Multi-functional protection

APPLICATIONS

- Security monitoring equipment, remote control and transmission
- Figures public broadcasting system
- Intelligent Community water, electricity, gas Table
- Instrumentation applications and RS-485 control of the industrial field bus

INSTALLATION

- This products is in series in the I/O port;
- Protector line (IN) connected with signal channel; the equipment end (OUT) connected with protected input connector;
- The product's grounding for lightening port and the machine room's joined in junk ring;
- All the connecting should be fastness and connected with reliable electric;
- Lightning protection should accord with the requirements, the ground wire should be as tubbiness as possible, the ground resistance should be less than 10Ω;
- Ground wire $\geq 2.5\text{mm}^2$

SPECIFICATIONS

Complete machine features	
Un rated working voltage	12V.24V.48V
Uc maximum sustained voltage	15V.30V.52V
Up level of protection	<90V
In nominal discharge current (8 / 20)	10KA
Maximum discharge I _{max} (8 / 20)	20KA
Insertion loss AE	<0.3db
Connector	Industry connector
Protect corewire	2 core
Shell material	metal
Shell protection levels	IP20
Protection Level	Fine-level protection
Diemensions	70*25*25mm
Connecting wire	1.5-2.5 square meter
Ground Resistance Ω / diameter	≤ 4 Ω / 2.5 m ²
Standard	GB18802.1, IEC61643-1
Environmental requirements	
temperature	-40 °C to 70 °C
Relative Humidity	indoor temperature conditions 30% ~ 90%

ORDERING INFORMATION

PN:	
LRSLP	RS485 signal Lightning Protector
LVSLP	Video signal Lightning Protector
LASLP	Audio signal Lightning Protector