LERDN™

Telephone line surge protection device

LDY-RJ11

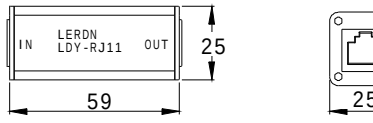
Application range

LDY-RJ11 lightning protection device are applicable to the signal protection of the telephone dialing equipment, which can prevent the system or device from permanent damage or transient interruption arising from inductive overvoltage, overcurrent and the other transient surge voltage caused by lightning or industrial noise. so they are widely used to against lightning in electronic communication system device, such as telephone, fax, program control machine room, etc.

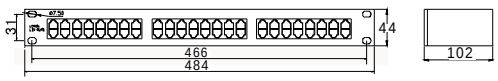
Main features

☆ Aluminum profile shell, attractive and durable, good shielding effect.
☆ Standard RJ11 conductor, convenient to use, reliable connection.
☆ Introducing multilayer protection circuit, selecting the latest high--speed surge protection device of quick response, low output residual voltage and super transmission performance.

Appearance and installation dimension



LDY-RJ11/L appearance and installation dimension

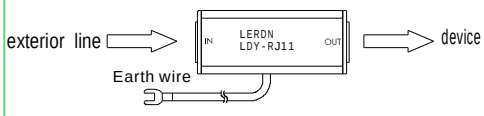


Rack RJ11 appearance and installation dimension

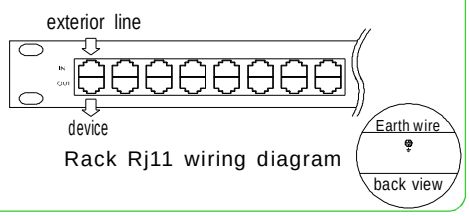
Main technical data

Technical parameter \ Type	LDY-RJ11/L	LDY-RJ11/8/16/24
Working voltage Un	110V	
Norminal discharge current In (8/20μs)	2.5kA	
Clamping voltage Up	≤600V	
Response time Ta	≤1 ns	
Transmission rate Vs	2M	
Insertion loss Ae	≤0.5dB	
Enclosure material	aluminum profile	
Interface form	RJ11	
Working temperature	-40℃-70℃	
Special requirements for voltage	Manufacturing as requested and applied to the special voltage products, such as ADSL, ISDN, DDN, etc.	

Wiring diagram



LDY-RJ11/L wiring diagram



Rack Rj11 wiring diagram

Installation instruction

1. The protector connected in serial between the signal channel and the protected device.
2. Connect the input terminal to the signal channel, and the output terminal to the protected device, reverse connection prohibited.
3. Connect the earthing wire of the protector to the equalizing ring of the lightning protection system
4. Invalid system: the earthing short circuit or open circuit