

LERDNTM

Ethernet surge protection device

LDY-RJ45

Application range

LDY-RJ45 series ethernet lightning protection devices are applicable to the electronic equipment introducing data system, such as computer data interface or network, etc. Which can prevent the above various system device from permanent damage or transient interruption arising from inductive overvoltage, overcurrent and the other transient surge voltage caused by the lightning or industrial noise, etc.

This series are widely used to against the lightning in the electronic equipment introducing data system, such as modern, server, working station, Hub, etc.

LDY-RJ45 series are applicable to the gigabit network equipment.

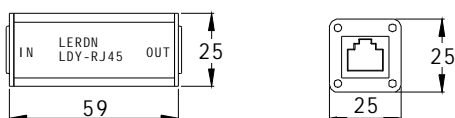
Main features

- ☆ Aluminum profile shell, attractive and durable, good shielding effect.
- ☆ Standard BNC 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.

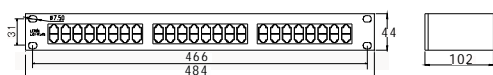
Main technical data

Type	LDY-RJ45/L	LDY-RJ45/K	LDY-RJ45/8/16/24	LDY-RJ45/K8/K16/K24
Technical parameter				
Working voltage Un	5V			
Nominal discharge current In	2.5kA(8/20μs)			
Clamping voltage Up	≤50V			
Response time Ta	≤1ns			
Transmission rate Vs	100M	100M	100M	100M
Insertion loss Ae	≤0.5dB			
Protection form	1,2,3,6 line	1,2,3,4, 5, 6, 7, 8 line	1,2,3,6 line	1,2,3,4, 5, 6, 7, 8 line
Interface form	RJ45			
Working temperature	-40℃ - 70℃			

Appearance and installation dimension

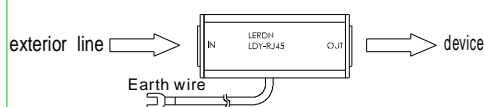


LDY-RJ45/L appearance and installation dimension

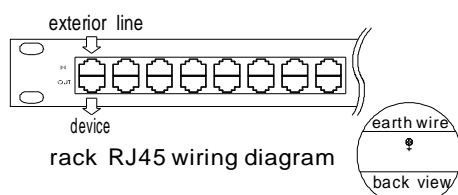


Rack RJ45 appearance and installation dimension

Wiring diagram



LDY-RJ45/L wiring diagram



rack RJ45 wiring diagram

Ordering description

Type	Summary	Part No.	Remarks
LDY-RJ45/L	aluminum single-port RJ45, 4-line protection	084102	100M network
LDY-RJ45/8	rack 8-port RJ45, 4-line protection	084103	
LDY-RJ45/16	rack 16-port RJ45, 4-line protection	084104	
LDY-RJ45/24	rack 24-port RJ45, 4-line protection	084105	
LDY-RJ45/K	aluminum shell single-port RJ45, 8-line protection	084201	1000M network
LDY-RJ45/K8	rack 8-port RJ45, 8-line protection	084202	
LDY-RJ45/K16	rack 16-port RJ45, 8-line protection	084203	
LDY-RJ45/K24	rack 24-port RJ45, 8-line protection	084204	