LERDN™

Socket surge protection device

LDY-CZ/GB series

Application range

LDY-CZ/GB series socket lightning protection device are applied to the front side of low-voltage distribution cabinet or electrical equipment of AC 220 V, which also can be combined into signal protection module, with various protection function, providing protection against the overvoltage arising from lightning strike to the power system of class 4 and signal wire or misoperation.(option from standard IEC61643-1,IEC61643-21 and GB50343)

Main features

☆ Convenient for installation and replacement, introducing GB standard three-position socket and standard signal connector

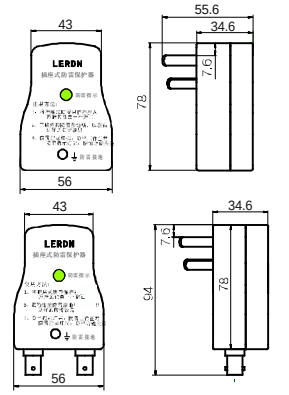
☆ Build-in temperature control and circuit breaking technology and multilayer protection technology, strong protection ability, high reliability.

☆ Green light on in notice window indicates normal, off indicates broken,which is clear and distinguished.

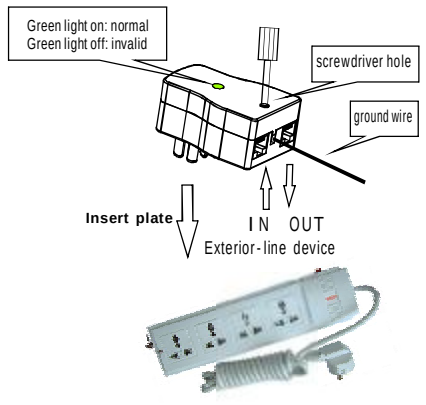
☆ Function of multilayer protection and assembly: power, power and Rj45, BNC, RJ11, etc

☆ Build-in 4mm elevating terminal, strong wiring ability, more reliable grounding.

Appearance and installation dimension



Wiring diagram



Main technical data

Function module	Power socket	RJ45	BNC	RJ11	CATV
Norminal working voltage Un V	220	5	12	110	60
Max. continuous AC Voltage Uc V	320	8	18	130	90
Voltage protection level Up KV	<1500	<60	<80	<600	<250
Norminal discharge current In (8/20μs) kA	5	2.5	5	2.5	5
Max. Discharge current Imax (8/20μs) kA	10	–	–	–	–
Connection mode	GB three-position plug	RJ45	BNC	RJ11	F plug
Transmission rate Vs(bit/s)	–	100M	16M	2M	16M
Insertion loss dB	–	≤0.5	≤0.5	≤0.5	≤0.5
Enclosure material	enhanced flame retardant nylon (flame retardancy: V0)				
Cross-sectional area	≥3 mm^2 stranded/flexible				

Ordering description

Type	Protected items					Part No.
	Power	RJ45	RJ11	BNC	CATV	
LDY-CZ/GB	220V AC	O	O	O	O	086301
LDY-CZ/GB-BNC		O	O	√	O	086304
LDY-CZ/GB-RJ45		√	O	O	O	086302
LDY-CZ/GB-RJ11		O	√	O	O	086303
LDY-CZ/GB-CATV		O	O	O	√	086305