

LERDNTM

Socket power surge protection device

LDY-CZ

Application range

LDY-CZ series socket power lightning protection device are applicable to the front side of various terminal consumer equipment of AC not more than 220V and rated current less than 10A, providing protection against overvoltage arising from lightning to the power supply line and misoperation. (option from standard IEC61643-1 and GB50343)

Main features

- ☆ High current capacity, low residual voltage.
- ☆ Modularized design, standard socket design, convenient for installation and use.
- ☆ Introducing multilayer protection technology, strong protection ability, high reliability.
- ☆ Build-in temperature fuse, safe and reliable
- ☆ Red pilot lamp on indicate normal, off indicate invalid.

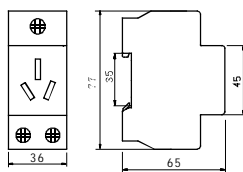
Main technical data

Type	LDY-CZ/PDU	LDY-CZ/06
Rated working voltage U_n V	220	220
Max. continuous Voltage U_c V	320	320
Voltage protection level U_p V	<1.3	<1.5
Part No.	086201	086202
Rated working current I_e A	10	
Normal discharge current I_n (8/20 μ s) kA	5	
Max. Discharge current I_{max} (8/20 μ s) kA	10	
Connection mode	Standard GB three-position socket	
Response time ns	<25	
Enclosure material	enhanced flame retardant nylon (flame retardancy: V0)	
Method of installation	35mm standard DIN rail installation	
Cross-sectional area	$\geq 2.5 \text{ mm}^2$ stranded/flexible	

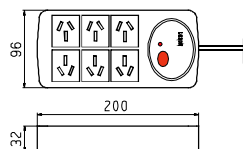
Installation instruction

1. The protector connected in parallel between the power channel and the protected device.
2. Connect the input terminal to the power wire or insert the input terminal into the power socket, and then insert the power wire of protected device into socket, make sure the reliable connection.
3. Connect the earthing wire of the protector to the equalizing ring of the lightning protection system
4. If the red indicator light on after circuit be electrified. The lightning protection work is normal.

Appearance and installation dimension



LDY-CZ/PDU appearance and dimension



LDY-CZ/06 outline dimension

Schematic circuit diagram

