

LERDNTM

Signal surge protection device

LDY-C series

Application range

LDY-C series DIN rail lightning protection device are applied to the front side of computer network, monitoring video system, telephone system, control system, CATV, providing protection against overvoltage arising from lightning strike to the signal line or power line and misoperation. (option from standard IEC61643-21 and GB50343)

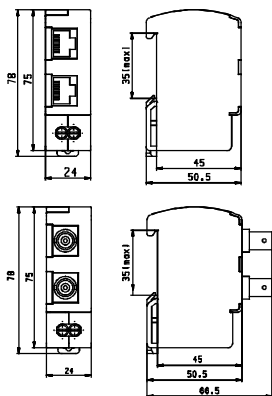
Main features

- ☆ Convenient for installation and replacement, introducing 35mm standard DIN rail, standard signal connector
- ☆ Introducing multilayer protection technology, strong protection ability, high reliability.
- ☆ Build-in 4mm² elevating terminal, strong wiring ability, more reliable grounding.
- ☆ Small volume perfect, exquisite, strong adaptability

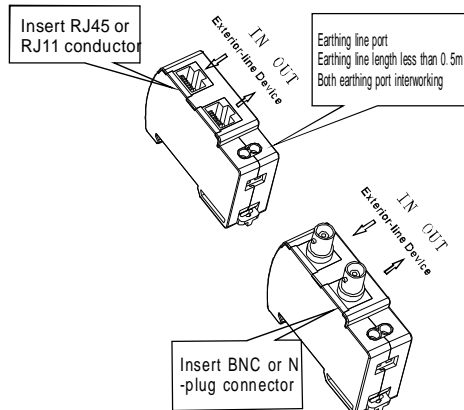
Main technical data

| Function module | RJ45 | RJ11 | BNC | 485 |
|------------------------------------------|-------------------------------------------------------|------|------|-----------------|
| Normal working voltage Un V | 5 | 110 | 12 | 12 |
| Max. continuous AC Voltage Uc V | 8 | 130 | 18 | 18 |
| Voltage protection level Up KV | <60 | <600 | <80 | <80 |
| Normal discharge current In (8/20 μs) kA | 2.5 | 2.5 | 5 | 5 |
| Connection mode | RJ45 | RJ11 | BNC | Wiring terminal |
| Transmission rate Vs(bit/s) | 100M | 2M | 16M | 2M |
| Insertion loss dB | ≤0.5 | ≤0.5 | ≤0.5 | ≤0.3 |
| Enclosure material | enhanced flame retardant nylon (flame retardancy: V0) | | | |
| Installation pattern | 35mm standard DIN rail installment | | | |
| Cross-sectional area | ≥ 3 mm ² stranded/flexible | | | |

Appearance and installation dimension



Wiring diagram



Ordering description

| Type | Protected item | Part No. |
|------------|----------------|----------|
| LDY-C/BNC | BNC | 087201 |
| LDY-C/RJ45 | RJ45 | 087202 |
| LDY-C/RJ11 | RJ11 | 087203 |
| LDY-C/485 | 485 | 087204 |