

Application range

LDY-JS lightning counter can test and record the discharge frequency of the lightning arrester, that is recording the lightning current rush frequency beyond certain degree, which is convenient for the user to do statistics and analysis on the lightning situation in specific area. It can be used accompanying with various lightning arrester, also it can be used as the supported product of the lightning protection box.

Main features

- ☆ Large counting range, wide application range.
- ☆ Sensitive response, precision counting, no maloperation.
- ☆ 2-bit digital display, clear and easy to recognize.
- ☆ No data loss after power off
- ☆ DIN rail installment, convenient for installment and replacement.
- ☆ Introducing single chip technology, advanced and reliable structure.

Main technical data

Working voltage	220V AC
Effective action current	≥400A(Max: 80kA)
Counting number	0-99
Sampling pattern	Inductance coil
Enclosure material	Flame retardant PC
Installed pattern	35mm standard DIN rail installment
Wiring pattern	Wiring terminal
Working temperature	-40℃-70℃

Methods of application

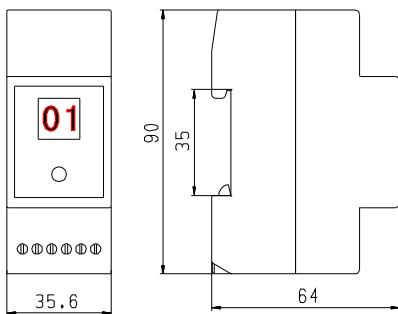
1. Install the lightning counter on the 35mm standard DIN rail.
2. Connect the inductance coil linking to the counter to the port 1 and 2, and hitch the induction-ring to the earthing line of lightning protector.
3. Connect the power lines of counter to port 1 and 2, and then the nixie light is on.
4. Press the reset button if the initial state of the counter is not zero.

Special application

The circuit board components of the lightning counter, which is designed as requested to match the devices, such as power distribution cabinet and lightning protection box, are available.



Appearance and installation dimension



Schematic circuit diagram

