

# DK-LJ6 Lightning Strike Counter

## Product Manual

### 1. Introduction

DK-JS6 water-proof lightning strike counter is a universal type lightning counter. When the lightning protection circuit system is normal, there is no lightning current in the discharge line, the lightning counter don't count. When the lightning current is discharged to the ground, the lightning counter can induce it and counts correctly.

AE-LSC-1519 water-proof lightning strike counter is suitable for all SPD, lightning rod, etc. It can induce the discharge current and count, and then display the number of lightning strike in the screen. This Lightning Counter can count accurately. If power failure, the operational data won't lose. It takes the advantages of dust-proof and water-proof, etc.

### 2. Technical Parameter

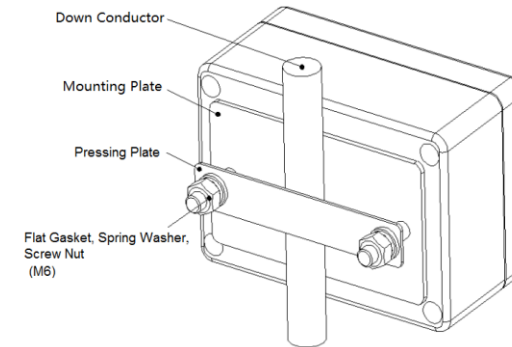
Type	Waterproof Lightning Strike Counter
Minimum Counting Current(8/20μs)	≥10kA
Count Number	0-999 times
Sampling Pattern	Induction sampling
Down Conductor Maximum Diameter	$D \leq 25\text{mm}$
Measure L*W*H	115×90×60mm
Working Humidity	Not more than 95%
Operating Temperature	-40~+85 <sup>0</sup> C

### 3. Installation Instruction

1) DK-JS6 waterproof lightning counter can be installed at the ground wire of power SPD or the down conductor bareness part of lightning rod. The installation diagram is as follow:

2) Loosen the two screw nuts in the back of lightning counter, spring washer and flat gasket, remove the clamp, to put the ground wire of power SPD and or the down conductor bareness part of lightning rod between the two screw nuts, and then put the pressing plate, flat gasket, spring washer, screw nuts, tighten the two screw nuts.

3) Pay attention to ground wire of power SPD or the down conductor Installation and wiring diagram(bareness part of lightning rod and the mounting plate, pressing plate. The contact segment must be well connected to low down the contact resistance, to make sure the counting accuracy reference only, in kind mainly)



Installation Diagram

Installation Drawing

Installation Diagram(appearance in kind prevail)

### 4. Maintenance

DK-JS6 waterproof lightning counter doesn't need special maintenance. Annually, to check the ground wire of power SPD or the down conductor bareness part of lightning rod, to see whether the contact segment is well connected or not. If the down conductor is non-oxidation or rusty, it will effect the counting of lightning counter.

When there is no display in the screen, or the screen is not clear, please screw out the four screws and open the cover, replace the battery inside to the same model battery.