

## TECHNICAL DATA SHEET | **Lightning Counter Bakiral**

### Product Description



Bakiral lightning counter detects the electrical energy that is derived to the ground through a conductor when a lightning impact occurs. The device registers each impact incrementing the counter in one unit each time. It must be installed in the down conductor that connects the lightning rod to the grounding system. It does not use any type of power supply because it uses the electric Energy of the lightning (induced voltage at the moment of the discharge deviation to ground) operation. Bakiral lightning counter is a device designed to detect lightning strikes upon any external lightning protection system (ESE, faraday cages, etc).

### Features

- Easy to install.
- Portable.
- Ideal for maintenance and testing.
- Bakiral lightning counter doesn't need a battery to operate.
- up to 999999 digits.

## TECHNICAL DATA SHEET | **Lightning Counter Bakiral**

### Installation / How to Use

- **Lightning counter bakiral can be installed at any location on the conductor between air terminal and grounding system.**
- **Lightning counter bakiral should be mounted in line with the down conductor.**



**Figure 1**



**Figure 2**

### Technical Data

Description	Lightning Strike Recorder
Starting Threshold	8/20 $\mu$ s 1 – 100kA
Display	Analog
Dimensions	173 mm x 82 mm x 44 mm
Mounting	Releasable plastic cable ties or U clamp. Suitable up to 95 mm (cable) or 30 x 3 mm (flat tape)
Construction	Plastic
Colour	Black
Environment	IP 65
Working Temperature	-20° C to 50°C