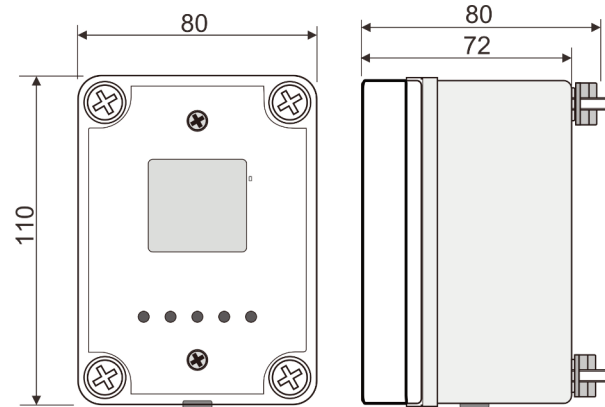


# WFA SERIES LIGHTNING STRIKE COUNTER



- Lightning Surge Count: 0-999999
- Timestamp of the occurrence (Y/M/D/H/S)
- Built-in lithium battery, low power consumption;
- MCU data power-down memory;
- Built-in high sensitivity lightning current probe and optional sensitivity
- IP67 enclosure, fully sealed, dust-proof and waterproof

WBA	LSC	6D
1	2	3
1 FALCON (Monitoring)	2 Lightning Strike Counter	3 6-Digit Display

WOLTIFY MODEL	WFA LSC 6D
Power Supply	3.6 V DC (ER14505 Lithium battery, 2000 mAh)
Power Consumption (standby/short time working)	<4 μA/32 mA
Minimum Current Sensibility ITC	0.5 kA(10/350 μs, 8/20 μs)
Max. Admissible Impulse Current IMCW	100 kA(10/350 μs) 160 kA(8/20 μs)
Display	1.8-inch LCD display
Presenting Data	Number of lightning strikes: 0 to 999999 /year month day hour minute second /Battery level/Setting mode
Battery Indicating	100% 75% 50% 25% <5%
Working Temperature	-40 to +80°C
Housing Protection Level	IP67
Housing Material	PC+ Transparent PC
Size	110*80*80 mm (L*W*H)
Mounting On	Back clamp type: grounding body size ≤50X10 or ≤Φ 50 mm
Test Standard	IEC 62561-6:2023
Weight	0.60KGS

## Installation and usage instructions

- The product is mounted on the ground conductor through the back clamp of the plates, as shown in Figure 1. To install, remove the transparent cover and then fix the counter to the ground body with screws and pressure plates. If the thickness of the ground conductor is greater than 12 mm or its diameter is greater than 20 mm, increase the screw length.
- Operation and display:
  - Operation: The internal panel of the counter has 5 keys, the function is shown in Figure 2 below, for the setting operation of the counter. One external key, as shown in Figure 3, has the same function as the "UP" key, which is used for daily viewing.
  - Display: As shown in Figure 4, the multi-function display can be operated by pressing buttons for viewing and setting. If the counter is not operated for 10 seconds, it enters the low-power operation state of hibernation.
  - Record query: Press the "View" key to query the lightning strike record data (the NTH time, date and time).
  - Setting: Press the "Set" key to enter the setting state. When "Clear" flashes, press the "Up" key and "Down" key at the same time, all the recorded data will be cleared to zero. When "D/T" flashes, you can set the time.
  - Battery power: The battery power is collected and displayed when the counter wakes up, from the full battery to the space flash in turn
- The counter battery generally needs to be replaced after ten years of use. During replacement, the transparent upper cover should be removed first, and then the two fixing screws on the panel should be removed, and the movement should be removed, as shown in Figure 6. Finally, the screws fixing the rear cover on the lower part of the movement should be removed, and the battery of the same model should be replaced, as shown in Figure 7. After replacing the battery, restore the counter installation.

