

## Digital Lightning Event Counter

### LEC-ME



LEC-ME is a compact digital lightning & surge event counter for lightning protection systems. It automatically detects and counts the lightning strikes received by the lightning protection system. The counter is mounted directly onto the lightning down conductor (cable, rod or plate) or the PE line of the surge protection device, no modifications to existing wiring are required.

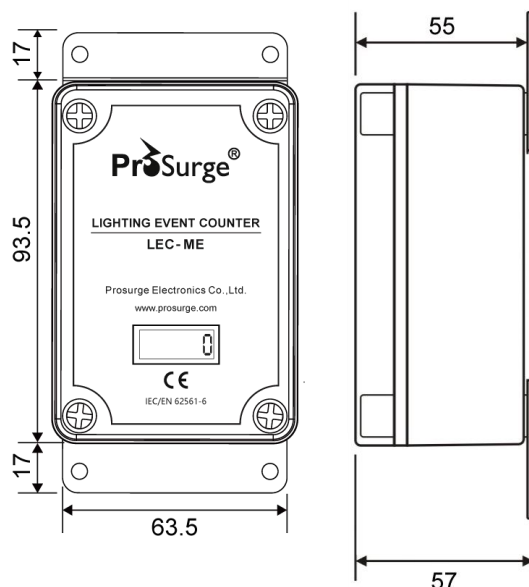
LEC-ME is an all-in-one counter with no separate additional detection current sensor, and constructed with IP67 enclosures to ensure that dirt, dust and water are resisted for either indoor or outdoor usage. It's powered by an CR2450 lithium coin battery for easy installation and replacement.

### Technical Feature

- Low maintenance and long service life
- High sensitive response with trigger current 150A
- Can register very high lightning strike up to 100kA (10/350μs, 8/20μs)
- Easy viewable LCD display
- Easy to install and use, fast installation directly on the round wire or flat strip of an existing down conductor, no need to remove the enclosure
- CR2450 lithium coin battery for easy installation and replacement, the average battery lifetime is 5 years
- Can be reset through the internal reset button
- IP67 enclosure with UV resistant & anti-aging plastic, water-proof, dust-proof, anti-sunburn, suitable for outdoor installation
- According to standards IEC/EN 62561-6 and EN 50164-6

### Dimension

(mm)

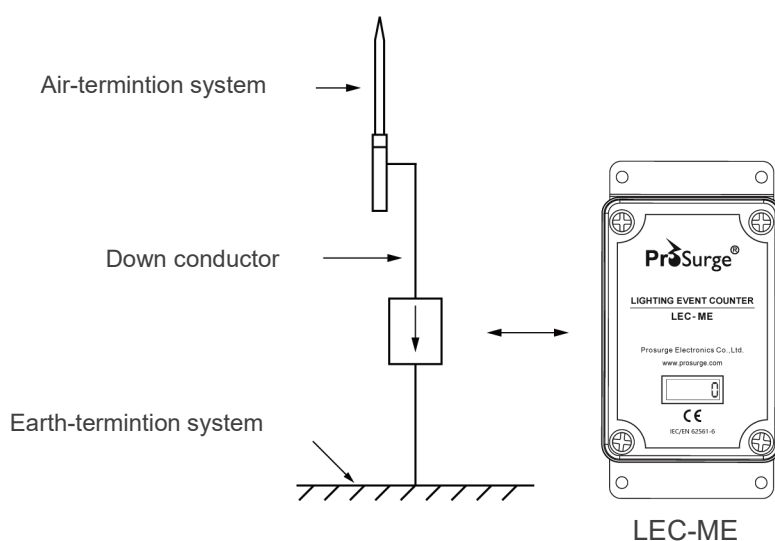


## Technical data

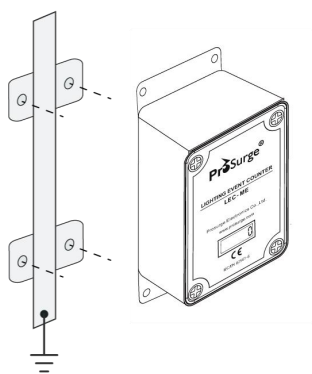
Part No.	<b>LEC-ME</b>
Counting Current (rise time $\geq 8\mu s$ )	150A
Sequence of impulse	> 1s
Display Model	LCD Display
Counter range	0~999999
Current Sample Mode	Inductive Probe (Built-in)
Power supply	Powered by lithium 3V battery CR2450
Average battery lifetime	5 years
Operation temperature	-20~+70°C
Mounting	Directly mounting
Dimension of counter	93.5x63.5x55mm
Enclosure material	UV resistant & Anti-aging plastic, UL94-V0
Degree of protection	IP67
In accordance with	IEC/EN 62561-6 ;EN 50164-6

## Installation

The lightning event counter LEC-ME is suited for new and existing installations. It is directly mounted on the round wire or flat strip of the down conductor, two mounting accessories are available.



**Mounting on the flat strip of conductor**



**Mounting on the round wire of conductor**

