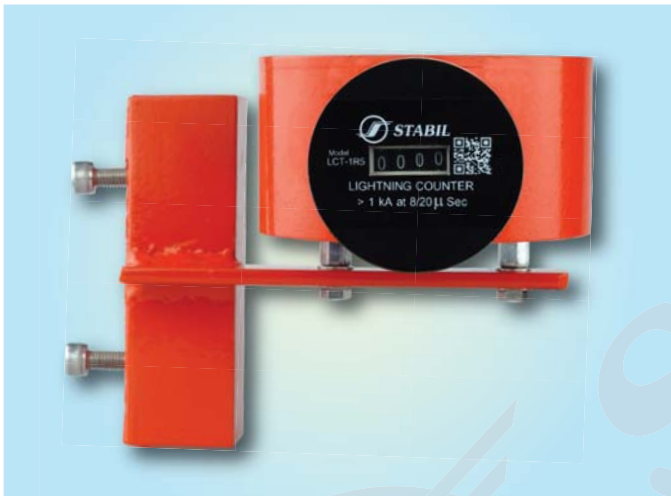




Lightning current is invisible to us and there is no way to capture or trap this current. The magnitude of this current varies according to the weather condition and the surrounding area. When the lightning strikes your lightning protection system, you wouldn't know how strong it was and how effective it was to your lightning protection system. Therefore, your lightning protection system needs some means of recording the sizes and the amounts of these lightning currents. The STABIL Lightning Counter Model : LCT-1R5 was designed for this purpose and its characteristics are as follows :



## 1. General applications

- 1.1 Count the amount and the magnitude of lightning current by using current transformer ( CT ).
- 1.2 Water proof , ultraviolet proof , weather resistance and reassembled design ( IP 65 ).
- 1.3 CT down lead slot size of 25 mm. to accommodate with down lead or down conductor cable.
- 1.4 Four digits display counter for counting the number of lightning strike events.
- 1.5 Internal resettable counter.
- 1.6 Stainless steel bolts and nuts with mounting kit for install the counter in place.

## 2. Electrical data

- 2.1 Passive device therefore no power is needed and maintenance free.
- 2.2 The LCT-1R5 will record the number of times of the lightning if the lightning current is greater than 1KA at 8/20  $\mu$ Sec. waveform with the accuracy of  $\pm 20\%$ .