

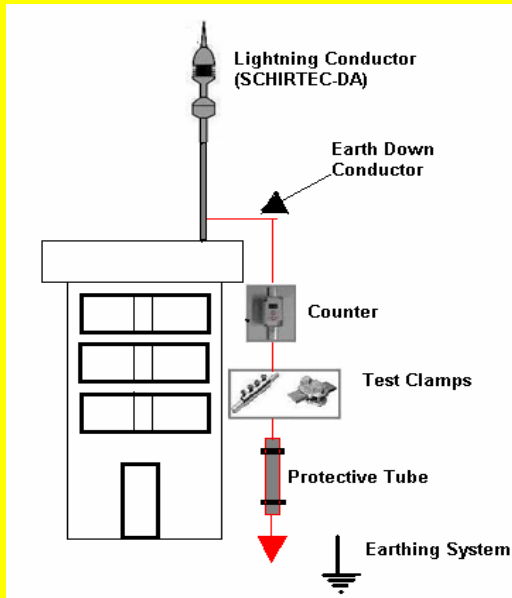
SCHIRTEC LIGHTNING STRIKE COUNTER (SLSC)

Installation:

The controller is installed in series with the lightning rod down conductor and always on the path of the discharge current to the earth. It is installed on the earthing conductor above the control junction about two meters above the ground (NFC 17-102).

In the case of meshed cage systems which are always equipped with many down conductors, the counter shall be inserted on the earthing conductor at the highest point of the overall protection installation or in the median part of the building.

Connections:



The controller is connected using 2 coupling elements (adapters) delivered with the product, the bottom connection being either directly or indirectly connected to the control junction. Designed for adapting flat to round conductor or for "in-line" (round/round) mounting, these coupling elements can be used for any kind of down conductor.

Product Mounting:

The controller is held by the down conductor itself with the coupling elements above mentioned and does not require any extra fixing.

Installation recommendations:

Basic rules

Respect the vertical position for good weatherproofing (the IP 53 protection index of the enclosure is guaranteed for the vertical position only.) All earth conductors must be interconnected (IEC 62305).

Maintenance:

The impact controller operates without any internal or external power supply and thus it does not require any maintenance.

The impact controller shall never be opened in order to avoid any failure or destruction and keep the warranty running.

Applications and Descriptions:

Enclosure Rating :IP 67

Currents detected from 2 to 200 kA

Nonresetable

Mechanical Counter with 6 digits

Easy mountable

Does not require any external power supply

Serial Counter

Dimensions: 11,3x7x4,8 cm

Description:

The Lightning Strikes are detected and monitored by SLSC, which is able to give some information about the service necessity of the Lightning System.

Why must we use Lightning Counter?

By using an inductive record, the counter is able accurately to count all lightning events for a later reference.

Operating Principle:

SLSC works with an inductive effect of the lightning strike current. The events are monitored by a mechanical counter display. The counter includes a high frequency transformer.