SCHIRTEC TESTER SA-1T

The SCHIRTEC Lightning Conductors can be checked by this Tester any time. The tester indicates OK or FAULT with the help of a green or red LED. The plug for the tester is on the device, the cable is 6m long.

Specification	
Ref.No:	SA-1T
Dimensions:	10,5 x 7,5 x 2,5 cm
Weight:	100 g
Power Source:	Battery

Verification:

Lightning protection systems should be subjected to verification:

- Initially once the ESE System installation is completed;
- Periodically in accordance with the table of page 2;
- Whenever the protected structure is modified, repaired or when the structure has been struck by lightning.

NOTE: for levels of protection 1 and 2, a complete inspection is carried out when the structure has been struck by lightning.

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Periodicity of inspection regarding the protection level

Protection level	Visual inspection (year)	Complete inspection (year)	Critical systems complete inspection (year)
I and II	**1**	**2**	**1**
III and IV	**2**	**4**	**1**

NOTE Lightning protection systems utilized in applications involving structures with a risk of explosion should be visually inspected every 6 months. Electrical testing of the installation should be performed once a year.

An acceptable exception to the yearly test schedule would be perform the tests on a 14 to 15 month cycle where it is considered beneficial to conduct earth resistance testing over different times of the year to get an indication of seasonal variations.

NOTE 1: Lightning flashes can be recorded by a lightning flash counter installed at one of the down-conductors.

NOTE 2: If national authorities or institutions require regular tests of the electrical system of a structure, it is recommended to
test the lightning protection system with regard to the functioning of the Internal lightning protection measures including the
lightning protection equipotential bonding with electric systems at the same time.

NOTE 3: Older installations should be related to a lightning protection level or the verifications intervals should be taken from
the local or any other test specifications such as construction guide lines, technical regulations, instructions, industrial safety
and protection of labour laws.

NOTE 4: Critical systems shall be defined by laws or final users.