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SOLUTIONS



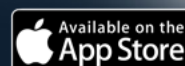
IFLASH REPORT[®]

COMMUNICATING LIGHTNING STRIKE
COUNTER WITH SMARTPHONE



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CONNECTED AND SECURED MONITORING



COUNTER - RECORDER OF LIGHTNING EVENTS

Driver of the lightning protection device

The IFLASHREPORT® registers all the datas of a lightning event, enables an immediate and precise location of the place of the impact. These datas can be stored on the cloud. This counter has also a self-test mode.

- 1 **Recording**
Date, hour and intensity of current
- 2 **Connectivity**
Forwarding information on Smartphone
- 3 **Ergonomics**
Display on inclined and backlit screen
- 4 **Flash memory**
Data stored 20 years, up to 100 impacts
- 5 **Browsing**
Consultation via touch buttons and drop-down menu
- 6 **Warning maintenance**
Visual warning if the maintenance date has passed

BLUETOOTH®

Radiofrequency up to 25 m

Bluetooth® bidirectional communication



APPLICATION iOS and Android

Download freely the application I FLASH REPORT.



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CONFORMITY TO INTERNATIONAL STANDARDS



UV radiations resistance

Annex A NF EN 62561
NF EN ISO 4892-2-3-4



Corrosion resistance

Annex B NF EN 62561-6
NF EN 60068-2-52
EN ISO 6988 / EN ISO 6957



Mechanical tests

Impact with pendulum hammer
NF EN 60068-2



Electrical tests

Minimum and maximum current
IEC 62561-6



Electromagnetic tests

Immunity and Early Streamer Emission
EN 61000-6-4



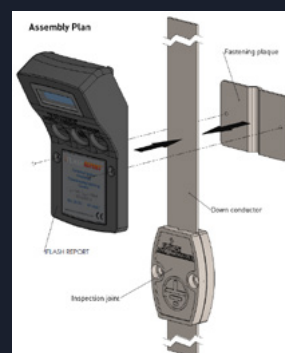
INSTALLATION OF THE LIGHTNING STRIKE COUNTER

Protected by an international patent, it is the first lightning strike counter-recorder for use on ELPS (External Lightning Protection System) and ILPS (Internal Lightning Protection System)



INDOOR

Direct installation on the earth cable, on internal lines, whatever is the section (classe II).



OUTDOOR

Direct installation on down conductors, in an inspection pit or above the inspection joint (classe I).

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TECHNICAL CHARACTERISTICS

Reference

30 004

Connectivity	Bluetooth®
Reference Standard	NF EN 62561-6
Counting	Up to 100 impacts
Functioning	Electronic
Detection range	1 kA – 100 kA waves (8/20 µs) (10/350 µs)
Size	133 x 71 x 50 mm
Weight	200 g
Protection Index	IP67
Temperature scale	- 25°C to + 70°C
Power supply	Lithium battery 3.6 V
Process of UV accelerated ageing	ISO 4892-2
Fixing	Parallel to any type of conductor Up to diam. 10 mm for round conductor Up to 30 x 5 mm for flat conductor

LEGISLATION

In application of the Decree DEVP1105626A of July 19th, 2011 for the prevention of the risks of classified industrial sites, the lightning strike impacts on site are registered. In case of lightning strike impact registered, a visual inspection must be done.

In accordance with Standard EN NFC 17-102 ed.2 of Sept.2011 :

Article 5.3.8 « the lightning strike counter must be in accordance with Standard NF EN 50164-6 (IEC 62561) », 7.2. « the installation of a lightning strike counter is recommended » 8.1 and 8.2 « the lightning strike impacts can be registered by a lightning strike counter installed on one of the down conductors».

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