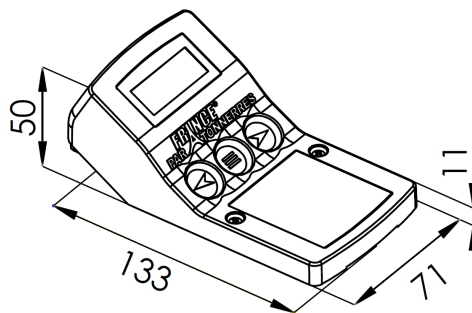


TECHNICAL DATASHEET

■ TECHNICAL DATA

Reference	30004
Connectivity	Bluetooth®
Compliance standard	NF EN 62561-6
Counter	Up to 100 strikes
Function	Electronic
Range of detection	1 kA – 100 kA Waves (8/20 µs) (10/350 µs)
Size	133 x 71 x 50 mm
Weight	200 g
Protection index	IP67
Range of temperature	- 25°C à + 70°C
Power supply	Lithium battery 3,6 V
Fastening	Parallel to any type of conductors

Figure

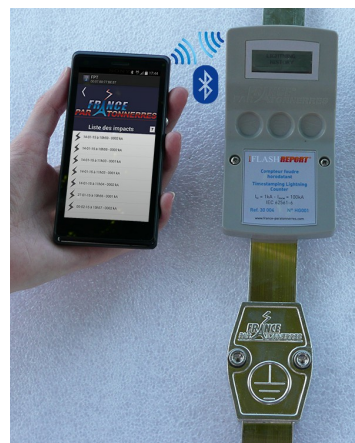


- The **I FLASH REPORT® Communication - Timestamping lightning counter** allows the recording of the lightning strikes. These data are remotely accessible on a smartphone via a Bluetooth® communication system through the “FPT” application, or directly on the display.
- Its low energy consumption enables a 5 year autonomy approximatively.
- The counter is fastened on the conductors thanks to two screws accessible on the front face of the product. It facilitates the setting of the product on the lightning protection installation by fastening it directly on the down conductors situated outdoor (Class I), as well as on the earthing system conductors situated on the inside lines (Class II).
- It is the first lightning impulse counter usable on outdoor and indoor lightning protection installations.
- This innovation is protected by an international patent.

■ FUNCTIONS

Functionalities of the **I FLASH REPORT® Communication - Timestamping lightning counter** :

- Recording of the lightning strikes events (Date, time, current intensity)
- Lightning historical memorizing and data back up (20 years and 100 pieces of data)
- Remote forwarding on a Smartphone via a Bluetooth® communication system
- Visual warning when the maintenance date of the lightning protection installation is exceeded
- Checking of the proper function of the counter by self-test mode
- Events consulting via touch buttons
- Titled display on a digital back-lit monitor
- Waterproof and resistant casing (IP67)
- 5 year battery life approximatively

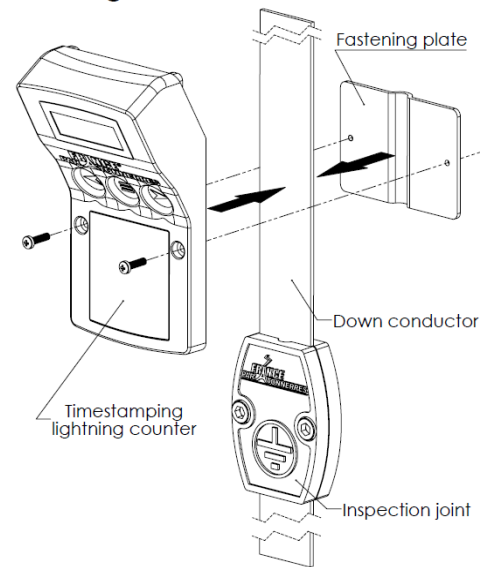


■ OUTDOOR INSTALLATION

► Outdoor, this counter is directly installed on all the down conductors (round Ø 8mm and flat 30x2mm). It is fastened above the inspection joint, 2 meters above the ground (NF C 17-102 standard).

► Given its light weight, the counter is easily fastened on the conductor thanks to a stainless stamped plate and two screws situated on the front face of the counter.

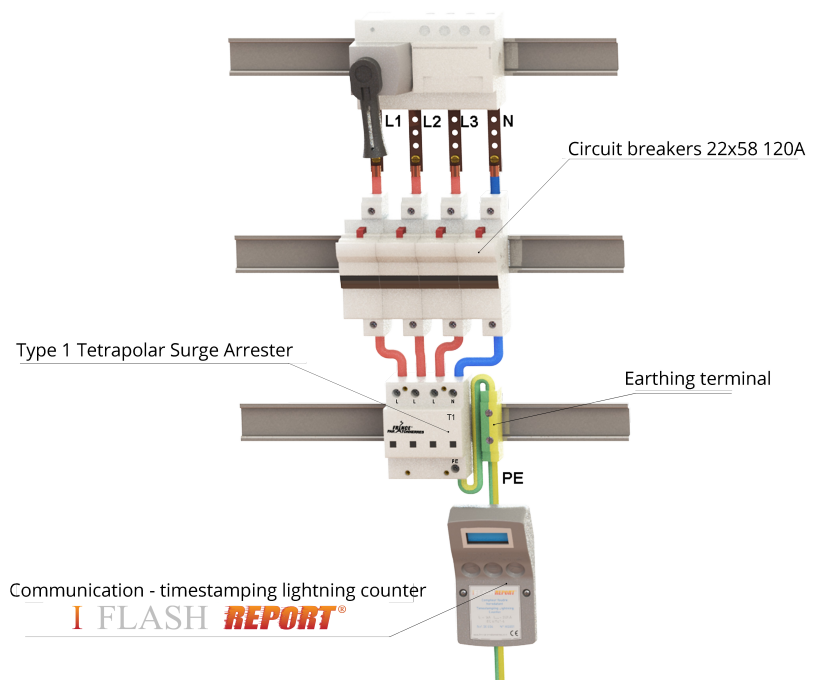
Fasting on the down conductor



■ INDOOR INSTALLATION

► It is also installed indoor, on the earthing system conductors of the surge arrester in an electrical installation (whichever the section).

► It enables a preventive maintenance of the surge arresters by recording the intensity of the currents and their number. Then, the surge arrester lifetime can be anticipated.



■ REGULATION / REGULATORY OBLIGATIONS

Pursuant to the order **DEVP1105626A** of **July 19th 2011**, article 21, regarding the risks prevention of the classified industrial sites, the lightning strikes on the site are registered.

If a lightning strike is registered, a visual checking has to be done.

In accordance with the EN NFC 17-102 éd.2 standard of September 2011:

article 5.3.8 "The lightning strikes counter shall be in accordance with the NF EN 50164-6 (IEC 62561) standard", 7.2". The installation of a lightning strikes counter is recommended",

8.1 and 8.2" the lightning strikes can be registered thanks to a lightning strikes counter installed on one of the down conductors".