



# Lightning technical datasheet

## Horodated digital lightning counter

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The lightning counter COMPTDIGHOR equipped with a date indicator shows the date and time of the lightning impact through the down conductor.

A LCD Display screen with 2 lines, 16 characters and 2 buttons, allow performing the application, to post different configurations. The left button for the Menu is used to scroll the menu or to increment values posted.

The right button is the validation button allowing to valid the information entered or simply to access the different menu panel.

The battery used for this device is delivered with the package; it has autonomy of 4 years. Notice that while changing the batteries, the data remains in its memory even when the batteries weaken, and the display is not.

#### Commissioning:

- Unscrew the 4 plastic screws of the cover, tilt it upwards and remove the tab isolating the + pole of the battery.
- Refit the cover.
- Adjustment using the menus and attach the box to the down conductor using the fixing brackets.

### Caracteristics

Reference :	<b>COMPTDIGHOR</b>
Type of installation :	Earth conductor, lightning rod down conductor, lightning arrester earth conductor
Assembly :	Stainless steel connector on down conductor
Use :	Impact tester from 1 to 100kA
Display :	999
Minimum detection current $I_{imp \text{ min}}$ :	1kA - (wave 8/20)
Maximum detection current $I_{imp \text{ maxi}}$ :	100 kA - (wave 10/350)
Input and output conductors :	Ø8mm (50mm <sup>2</sup> ) / metal strip 27x2 mm à 30x3 mm
Material :	Polycarbonate UL94 5V
Dimensions :	100 x 100 x 75 mm
Weight :	0,600 kg
Index of protection :	IP66/67
Standards :	NF EN 62561-6 - NF EN 62305-3 - NFC 17102
Power supply :	1 Lithium Battery R14 – 306V

Duval Messien® - A full range of lightning and overvoltage protection.

In the continue framework of its products, Franklin France shall be entitled to modify specifications without notice.