

DATASHEET

CATEGORY: ATLOGGER
 NAME: **ATLOGGER**
 REFERENCE: **AT-004G**



PRODUCT DESCRIPTION

ATLOGGER - Recorder and analyser of lightning strikes to the protection system.



ATLOGGER is a recorder of electrical activity in the lightning rod's down-conductor which, in addition to counting the number of strikes, records the amplitude and polarity of the lightning, as well as the date and time the impact occurred.

Authorised for use in explosive atmospheres (ATEX marking Ex ic nA IIC T3/T4 Gc)

Withstand lightning currents (100 kA, 10/350 μ s) with no damage.

Installation is very easy as it does not involve interrupting the down-conductor. Simply place it beside the down-conductor and fix it properly onto a flat surface.

The data is downloaded automatically using a USB device that enables data transfer from different ATLOGGER devices to the reading point.

Software is included for download management by means of transfer device with USB connection.

DATASHEET

Reference	AT-004G
Dimensions	160 x 80 x 55 mm
Counter	0... 999999
Power supply	2 AA batteries 3.6 V
Temperature	-25 °C to +70 °C
Minimum recording	1 kA (8/20 s)
Maximum recording	100 kA (10/350 s)
ATEX marking	Ex ic nA IIC T3/T4 Gc
Includes	M4 plug and screw x 49
Material	Polycarbonate V0
Weight	600 g

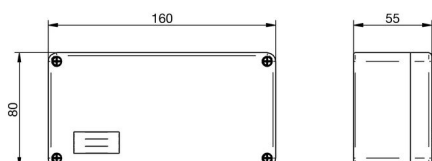
> Nuts and Bolts

Screw DIN7982, 4.2x50, A2	2
Standards	Complies with UNE 21186, NF C 17-102, IEC 62305

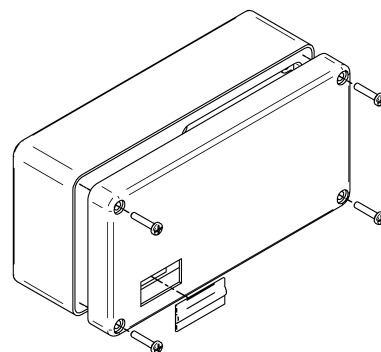
> TESTS AND CERTIFICATIONS

CE Ex: Authorised for use in explosive atmospheres

> Diagram (mm)



> Components



INSTRUCTIONS

> INSTALLATION

It must be installed so that the down-conductor of air terminal is on the side nearest the electromechanical counter. It does not involve interrupting the down-conductor

Data downloading should coincide, at least, with the revision and periodic maintenance of the system or when the number of strikes on the installation exceeds 30 since the last download.

When no drill is allowed, the fixing is made by a support plate providing a flat and sturdy surface for fixing the ATLOGGER.



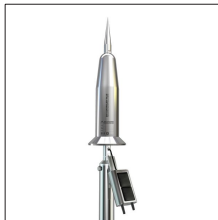
OTHER INFORMATION

> ACCESSORIES



AT-005G
ATLOGGER support for
guard tube

> RELATED PRODUCTS



AT-2560
DAT CONTROLLER®
REMOTE 60