

DATA SHEET ProLEC Basic



Features

- LCD screen shows the number of lightning strikes, hour, minute and date of lightning events
- Buttons enable TIME/DATE setting and log viewing
- Replaceable battery, lifetime up to four years
- Contact-less sensor is installed easily with no change to existing installation
- Complies with: IEC/EN 62561-6

Typical Installation



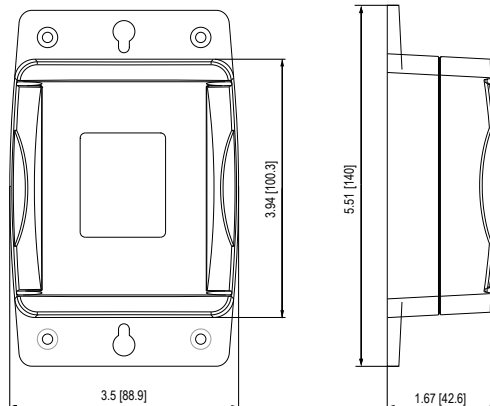
ProLEC Basic is a basic lightning current sensor. It senses and logs lightning discharges flowing through the down-conductor. The ProLEC Basic is capable of measuring and withstanding currents up to 100kA (10/350 μ s).

Installation of the ProLEC Basic on the exterior of a building or structure gives users vital information on the frequency, date, time and atmospheric discharges that affect the structure, enabling repairs or preventative measures.

Technical Data

inches [mm]

Electrical	
ProLEC Basic Order Code	130 523
Threshold Current (10/350 μ s) [I_{TC}]	1 kA
Maximum Withstand Current (10/350 μ s) [I_{MCW}]	100 kA
Power Supply	2 Replaceable CR17335 lithium batteries Lifetime up to four years
Maximum Events Logged	999
Mechanical	
Mounting Method	Direct on down-conductor
Temperature Range	-4 °F to +140 °F [-20 °C to +60 °C]
Enclosure Material	Polycarbonate: UL 94 V-Z
Environmental Ingress Protection (IP) Rating	IP 65
Packaging Dimension (L x W x D)	6.5" x 3.4" x 4.13" [165 x 87 x 105 mm]
Weight	.97 lbs [440g]
Standards Compliance & Certifications	
Standards	IEC 62561-6
Certification	RoHS, CE
Product Diagram	



Information contained in this document is subject to change at any time without notice.

