

DATA SHEET ProLEC Basic



Features

- LCD screen displays the number of lightning strikes, the hour, minute, and date of lightning events
- Buttons enable TIME/DATE setting and log viewing
- Features a replaceable battery with a lifetime of up to four years
- The contact-less sensor is easily installed without modifications to existing setups
- Complies with IEC/EN 62561-6:2018 standards
- EN/IEC CATEGORY: Type I

Typical Installation



inches [mm]

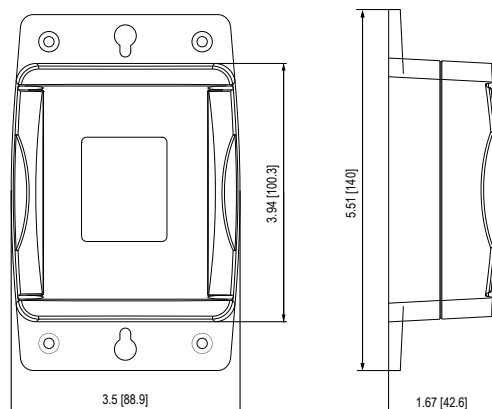
ProLEC Basic is a basic lightning current sensor that detects and logs lightning discharges flowing through the down-conductor. It is capable of measuring and withstanding currents up to 100 kA (10/350 μ s).

Installing the ProLEC Basic on the exterior of a building or structure provides users with vital information on the frequency, date, time, and atmospheric discharges affecting the structure. This enables timely repairs or preventative measures.

Technical Data

Electrical	
ProLEC Basic Order Code	130 523
Impulse Discharge Current [I_{imp}]	100 kA
Minimum Impulse Discharge Current [$I_{imp\ min}$]	1 kA
Maximum Impulse Discharge Current [$I_{imp\ max}$]	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 [440 g]
Standards Compliance & Certifications	
Standards	IEC 62561-6
EN/IEC Category	Type I
Certification	RoHS, CE

Product Diagram



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

