

# Lightning/Surge Protection

From Brooke Edgley Specialist  
Technical (BEST) Services Ltd

**Lightning strikes and power surges can cause extensive damage to electrical equipment and essential machinery, as well as cause data loss. Lightning/surge protection will protect your business from disruption and health and safety risks.**



Lightning strikes the Earth  
20 million times each year,  
starting fires and causing property  
damage through power surges.\*

## Your Special Offer

As an Allianz customer, you can get lightning/surge protection services from BEST with:

- a **10% discount** on the standard rates for any product or service detailed under product range
- enquiries dealt with by a dedicated manager.

## Product Range

We've partnered up with BEST, who use in-house engineers and provide national coverage. To ensure high standards, all of their design engineers are accredited by the Association of Technical Lightning & Access Specialists (ATLAS) to BS EN 62305.

Before carrying out any work, BEST will complete a Lightning Protection Risk Assessment to ensure that your buildings get the correct level of lightning protection.

\*Source: Allianz Risk Consulting Tech Talk Volume 7 – Lightning Risks and Protection (July 2012)



An electric shock as low as 50 volts can stop a heart beating properly. (Typical UK mains wall socket can transmit up to 230V).\*

- **Electronic Systems Protection Services** – (for computer systems, power supplies, telemetry, CCTV and electronic data carrying materials), including:
  - system design
  - inspection
  - surveys
  - installation
  - testing.
- **System Design** – to customer specific requirements or to the current industry standards (BS EN 62305 and BS7430)
- **Installation** – of new structures and enhancements to existing structures
- **Testing** – to establish/ensure key protection factors, such as:
  - soil resistivity
  - thermal resistivity
  - earth resistance
  - pH levels (acidity/alkalinity)
  - anti-static
  - pile cap (part of the foundation of a building).
- **System Maintenance** – for existing installations and structures.
- **Earthing** – for safety and compatibility issues on all lightning protection installations, instruments, computers, and electromagnetic pulse, communications and electrical systems. Power earthing is also available to BS7430, BS7354, IEEE 80 and EATS 412-24 standards.

- **'Supply only' of materials** – required for a lightning protection installation.

For a detailed quote tailored to your needs speak to one of the BEST dedicated managers.



## Contact Information

To receive your Allianz discount, reference **'Allianz'** and provide your Allianz policy number when you contact BEST.

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\*Sources: Electrical injuries, HSE, <http://www.hse.gov.uk/electricity/injuries.htm>  
Plug voltage by country, World Standards, <http://www.worldstandards.eu/electricity/plug-voltage-by-country/>