

# Lightning protection specification for inverter transformers of communication base stations

Wireless network base stations need protection from overvoltage and overcurrents. These conditions are due to lightning strikes, power line accidents, and other disturbances.

A complete lightning protection (LP) concept for an intelligent transformer substation comprises a lightning protection system (LPS) including equipotential bonding and surge protection measures ...

The work covered under this section of the specifications consists of furnishing labor, materials and services required for the completion of a functional and unobtrusive lightning protection system ...

The protection of GSM and base station towers from lightning and overvoltage is provided by integrating external lightning systems, internal lightning systems, earthing, equipotential bonding and LV surge ...

Protection against indirect lightning strikes on electrical networks must be treated globally. ABB offers a complete range of lightning arresters adapted to this approach. They must be used in ...

An effective lightning protection design for a telecommunication facility requires an integrated approach to a number of key factors: Protection against direct

The invention relates to a base station transformer near a mobile communication base station, in particular to a base station transformer lightning protection and grounding...

The protection of GSM and base station towers from lightning and overvoltage is provided by integrating external lightning systems, internal lightning systems, earthing, equipotential ...

The purpose of this Recommendation is to give detailed guidance on protection procedures, so that an engineer who is not a lightning protection expert can accomplish the design of the lightning ...

This Recommendation addresses the practical procedures concerning the lightning protection, earthing and bonding of radio base station (RBS) sites.



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