

# Project information sheet

Lightning Protection / Earthing



## Customer data:

Company: \_\_\_\_\_

Contact: \_\_\_\_\_

Address: \_\_\_\_\_

Phone/fax: \_\_\_\_\_

Address: \_\_\_\_\_

E-mail: \_\_\_\_\_

## Project and object address: *(mandatory)*

Project: \_\_\_\_\_

Address: \_\_\_\_\_

## Existing documentation of the object to be protected:

PDF DWG/DXF/SKP

- Views on the roof top
- Views
- Sectional views
- Ex zone plans (for Ex systems only)
- 3D drawings (.dwg, .skp)
- Photos of the object to be protected

Note: Missing views have to be created and will be charged.

## Information on local conditions: *(please fill in)*

\_\_\_\_\_ m building height above ground

\_\_\_\_\_ m building height above sea level

\_\_\_\_\_ km/h wind velocity

\_\_\_\_\_ blast velocity

## Information on the concept: *(these fields are mandatory)*

Lightning Protection Level (LPL)

- LPL I     LPL II     LPL III     LPL IV     Risk calculation by DEHN (extra charge)  
We will be pleased to submit a free offer.

Language: (only one selection is possible)

- German    OR     English

Site survey required: (extra charge, shown separately in the offer)

- Yes, desired date: \_\_\_\_\_     No

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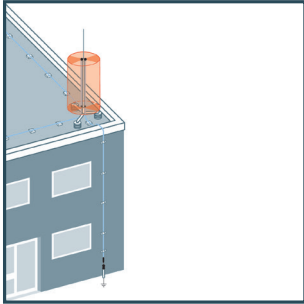
Lightning Protection / Earthing



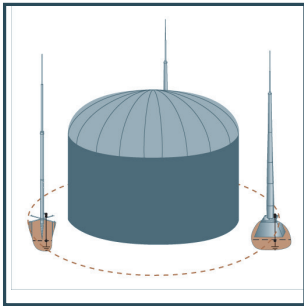
## Type of lightning protection system (LPS) to be planned:

Isolated LPS

HVI solution

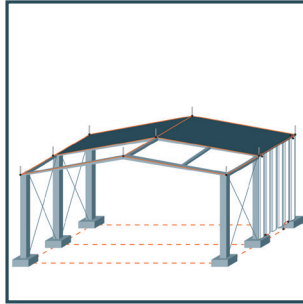


Telescopic mast

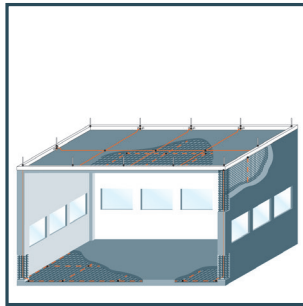


Non-isolated LPS

Industrial building



Air-termination mesh/rod



To be defined by DEHN

Notes:

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## Construction:

Type of building:  New building  Existing building  Listed building

Roof:  Tile roof  Tin roof  Foil roof  \_\_\_\_\_

Building structure:  Reinf. concrete  Steel frame  Masonry  \_\_\_\_\_

Facade:  Insulated  Uninsulated  Metal  \_\_\_\_\_

Type of roof: \_\_\_\_\_

## Planning of the earth-termination system:

Yes, acc. to DIN 18014 (type B)  Yes, single earth electrode (type A)  Yes, defined by DEHN

Earth rod  Radial earth electrode  No

Note: The earth-termination system of new buildings must be installed according to DIN 18014.

\_\_\_\_\_  $\Omega\text{m}$  soil resistivity (only if the earth-termination system should be planned)

Floor/foundation slab is in contact with the soil:  Yes  No

Note: In Case of waterproof concrete in the floor slab, black/white tanks, perimeter insulation or foils used as cover/insulation, contact with soil is not ensured.

## Contact

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