



VdS-certified
(German independent testing institution for fire protection and security)

Do you have any questions?
Our local partner will be glad to advise you.

... or visit us on the internet at www.dehn.de/has-protection

Lightning Protection
Surge Protection
Safety Equipment

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Protection of a fire alarm system
by means of BLITZDUCTOR® XT



DEHN protects Hazard Alert Systems



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DS176/E/0910

Prevent serious fire risk!

Safety even under lightning conditions

Only internal and external lightning and surge protection measures provide comprehensive safety during thunderstorms.



Hazard alert system destroyed in a thunderstorm

Why surge protection?

During the summer months, electrical installations and systems are particularly at risk from atmospheric discharges. The destruction of hazard alert systems by lightning strikes or surges could result in death or severe injury if safety-related system functions are no longer available. Moreover, surges could lead to false messages and alarms in the systems and consequently to high follow-up costs. It is therefore necessary to integrate hazard alert systems into an adequate lightning and surge protection concept.

Both for manufacturers and for designers or installers of hazard alert systems compliance with legal and normative requirements is a must.

The planning and implementation reliability as well as the use of high-quality products are the basis for proper operation of hazard alert systems and maximum availability, even during thunderstorms.

The following regulations have to be observed:

- European EMC Directive 2004/108/EC
- European Directive 2001/95/EC on general product safety – Directive on technical equipment and consumer products
- European Product Liability Directive 85/374/EEC – Act on the liability for defective products
- Product and installation standards
- Insurance companies' guidelines

DEHN + SÖHNE offers:

- Systematic lightning and surge protection
- Surge protective devices tested and approved by hazard alert system manufacturers
- VdS-certified arresters
- Decades of experience
- Comprehensive technical support and training

