

Computer Rooms and Control Rooms

Typical application examples



Control rooms, server rooms,
telecommunication switch areas



Description of the risk

Solid fires (class A), e.g. electric cables,
electrical devices, switch cabinets

Possible protection targets

Fire control and suppression

Important effects

Fighting the initial fire

Cooling the surroundings

Limiting the spread of the fire

System layout

Wet or pre-action system (glass bulb nozzles)
and deluge system (open nozzle)

The deluge system should be activated as early
as possible.

The following minimum parameters must be
taken into account in the design:

- Criteria for nozzle installation (height,
protected area)
- Total effective area (presumed area of
operation according to hazard classification)
- Type and flow rate of the nozzle
- Minimum pressure at the nozzle

Proof of efficiency

For example application-related fire tests or
according to IMO A800



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