

Surveillance in HVDC Converter Halls

Although fire detectors are mandatory for converter halls, shielded surveillance cameras bring additional safety:

Detect hazard before it is serious

- Parts may have fallen onto the converters
- Parts may have gone loose or bent because of failure or heat
- Detect leakage of cooling system with IR-Thermo camera (option)

In case of a fire alarm

- Check if the alarm is real
- See what is actually burning and where

Check if someone is still in the hall before restart

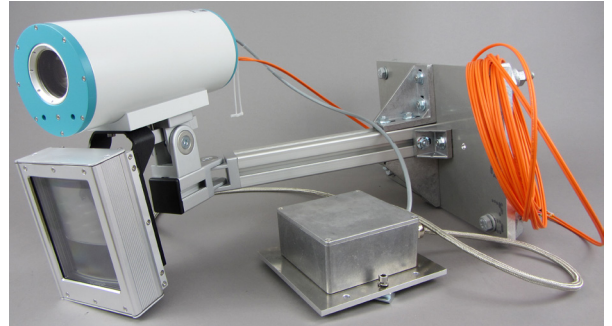
HVDC Video Surveillance Solution

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Shielded CCTV components

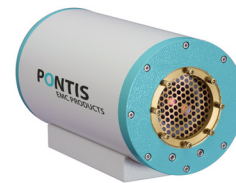
IPCam7

- Susceptibility up to 200 V/m
- Can be integrated in existing surveillance system (ONVIF)
- All critical services, that may be a target for attack are disabled
- IR light to view without lighting up the hall
- Fibre connection to withstand high field strength.
- Remote, central power supply for better maintenance



IR thermo camera

- Wide temperature range -20 °C to 900 °C @ ± 2 °C
- Area up to 16,6 * 10,2 m
- Operating temperature 0 ° to 70 °C
- Fail safe contacts



Converter unit

can be integrated in existing video network



Central power supply

for cameras, lights and pan/tilt unit



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