Fire detection and extinguishing system

- Easy to retrofit
- Low maintenance
- Aerosol-technology
  - 100 % environmentally friendly
  - Harmless to health
  - **not** electrically conductive

Safety for your customers

Product features:

An environmentally friendly and easy to retrofit fire detection and extinguishing system for switching cabinets.

A Duo-LED, which lights up green when the system is ready for operation, serves as an operating indicator. Detection is performed by a combination of a smoke detector and a Line-heat-detection cable. As soon as one of the two detection lines triggers an alarm, the alarm message is displayed on the controller. At the same time, the Duo-LED changes its color to red and the horn sounds. If the second detection line also reports an alarm, the flashing light is activated, and the extinguishing generator is triggered immediately.

The following outputs are also available on the control unit for signaling:

First alarm message:
- 2x potential-free contacts (fan control, message to higher-level system, etc.)
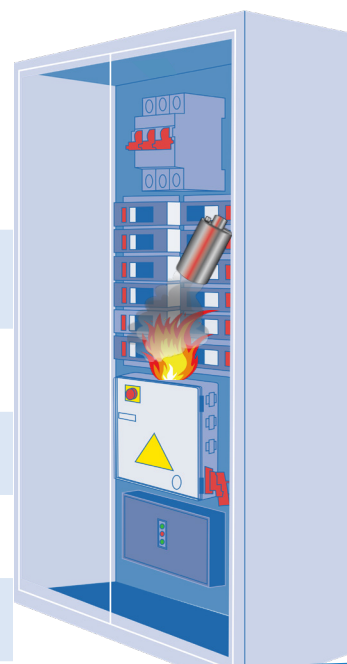
Second alarm message:
- 3x 12 V DC output for free disposal

System summary:
- 1x STBS1902 control unit incl. on/off switching
- 1x aerosol extinguishing generator incl. mounting clamp
- 1x ground connection for extinguishing generator
- 1x smoke detector
- 1x Line-heat-detection cable 2.5m incl. termination box
- 1x Duo-LED
- 1x horn and flashing light

Fire extinguishing system for switch cabinet	Fire extinguishing generator	Dimensions fire extinguishing generator (without holder and cable gland)
< 0.20 m³*	Fire extinguishing generator FP-20T	165 mm x 32 mm (Height x Diameter)
< 0.45 m³*	Fire extinguishing generator FP-40T	140 mm x 51 mm (Height x Diameter)
< 1.00 m³*	Fire extinguishing generator FP-100S	155 mm x 84 mm (Height x Diameter)
< 2.00 m³*	Fire extinguishing generator FP-200S	185 mm x 84 mm (Height x Diameter)

*with less at least 10% fixtures

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Example Switch cabinet

EGON HARIG flamtron®
Electronic systems Fire alarm systems

1 Aerosol-extinguishing generator
Extinguishes the fire in case of fire

2 STBS - Controller
Manages and controls the detectors
and the fire extinguishing generator

3 Smoke detector
Detects smoke development

4 Heat detection cable
Detects heat development

5 Operation voltage 12 -24 V DC
Separate & independent from the switch cabinet

6 Duo-LED
Green: Operation
Red: Pre alarm - One detection line has triggered

7 Activation switch
Switching the system on and off

8 Sounder and flashing light
Sounder: Pre alarm - One detection line has triggered
Flashing light: Release - extinguishing initiated