CABINETS

FSH DIRECT
AUTOMATIC FIRE EXTINGUISHING SYSTEMS

Switch gear and control cabinets are the power centers in industrial and commercial facilities. The electrical nature of these cabinets means fire is always a potential risk. Should a fire occur in one of these cabinets without any type of protection- be it from overloaded circuits, incorrect wiring, or equipment failure- it not only threatens to destroy the components inside of the cabinets and bring production to a halt, but alsoto potentially move into other areas of the facility, which could result in a catastrophic loss.

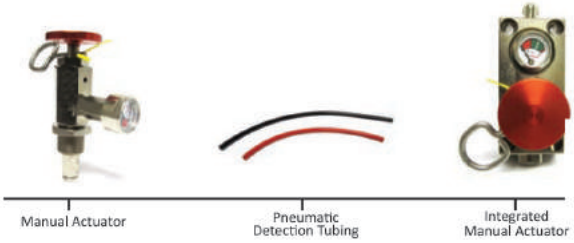
These risks mean cabinets should always be safeguarded by the highest quality fire protection equipment available.

FSH DIRECT BASIC is the solution.

FSH DIRECT automatic extinguishing systems are installed inside of the sealed cabinets, providing continuous protection right at the source of the fire hazard. This mitigates risk and ensures that your facility maintains uninterrupted productivity.

Plus, the FSH DIRECT BASIC utilizes Novec™ 1230 Fire Protection Fluid, the safest and most environmentally friendly clean agent on the market today. It is electrically non-conductive, very low in toxicity, and leaves no residue, so there are no cleanup delays after a system discharge.

Compatible components



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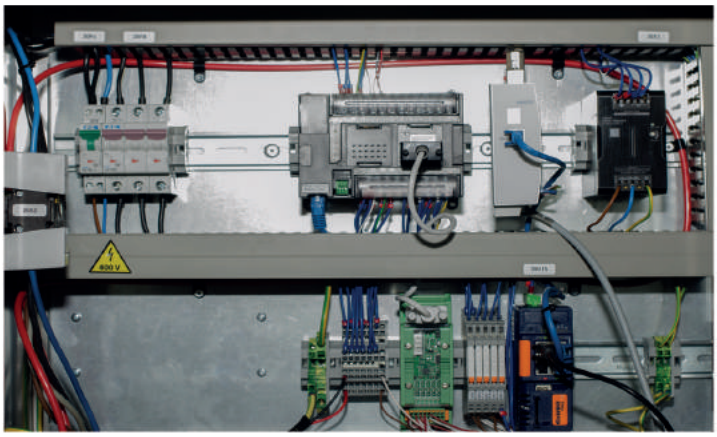
CABINETS



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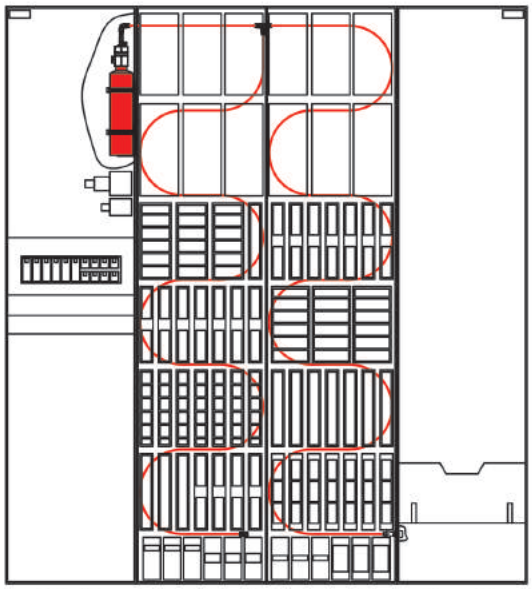
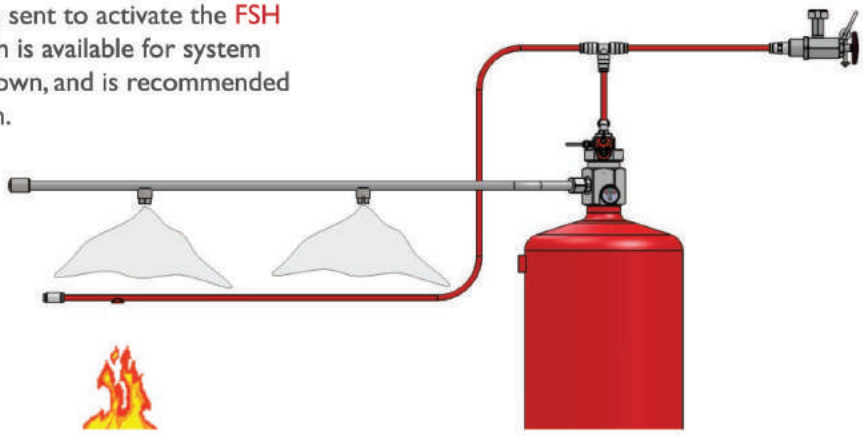
FSH DIRECT offers three customized options for cabinet-protection.

FSH BASIC utilizes advanced pneumatic detection tubing, a multi-functioning line that detects heat, creates a nozzle in the tubing and discharges Novec™ 1230 out of the formed nozzle. This system is pressurized at 240psi (16.5 bar) and the andvanced pneumatic detection tubing has a burst point of 248°F (120°C) or 356°F (180°C), which allows for a higher evaporation rate and faster discharge/extinguishing time over traditional 195psi (13,5 bar) systems. The tubing is routed through electrical cabinet for optimal detection, and will burst at the rated temperature if a fire should occur. Once this happens, the Novec™ 1230 fluid is discharged through the nozzle formed in the tubing for rapid extinguishment.

FSH BASIC PLUS, available in pneumatic and electrical versions, also uses the advanced pneumatic detection tubing. In addition, the BASIC PLUS and BASIC MAX versions utilize a pipe network with nozzles. The electrical option, BASIC MAX, offers selections of linear heat wire, smoke detectors, and air sampling equipment. When one of the above options detects heat or smoke, a signal is sent to activate the FSH BASIC system. A pressure switch is available for system monitoring or equipment shut down, and is recommended for example to prevent reignition.



The Pneumatic Detection tubing (shown in red) provides focused coverage over areas of risk.



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