SAFETY SOLUTIONS FOR CABINETS

Solutions to improve cabinet safety and support risk assessment

Refrigerant Leak Detection | Automatic Fire Suppression

REFRIGERANT LEAK DETECTION

Early and reliable leak detection

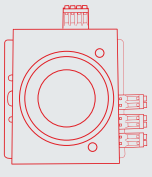
Where certain refrigerants are used for cabinet cooling, an undetected leak can put people, machines and the environment at risk. Our gas sensors detect escaping R1234YF or R290 inside the control cabinet. By detecting leaks early, the sensors provide timely information for risk assessment and help operators determine appropriate risk management measures.



HOW IT WORKS

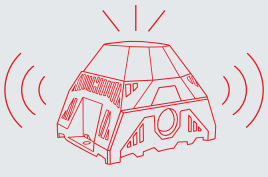
01 DETECT

The sensor detects escaping refrigerant inside the control cabinet.



02 ALERT

An alarm is triggered when the configured threshold is reached.



03 RESPOND

Operators can take preventive measures to help limit potential damage.



Early detection gives operators time to act and helps make the associated risks easier to manage.

AUTOMATIC FIRE SUPPRESSION FOR CONTROL CABINETS

Fire protection at the source

Electrical causes are among the most common causes of fire, underlining the importance of protecting cabinets at the source. Our fire suppression system helps protect critical electrical components by suppressing fires directly at their source inside the control cabinet. Its non-conductive, non-corrosive extinguishing agent evaporates without residue, helping protect unaffected components throughout the cabinet. The system is also suitable for use in remote locations and can be retrofitted into existing cabinets.





HOW IT WORKS

01 ACTIVATION

The extinguishing process can be triggered by heat at a preset temperature or electronically via a sensor.

02 FIRE SUPPRESSED

The agent evaporates, spreads as a gas and suppresses the fire at its source.

03 OTHER COMPONENTS PROTECTED

The non-conductive, non-corrosive agent leaves no residue, helping protect unaffected cabinet components. Only the affected component needs to be replaced.

KEY BENEFITS

REDUCED DOWNTIME

The affected component may only need replacing.

RESIDUE-FREE AGENT

No residue, contamination or component damage.

TARGETED PROTECTION

Acts directly at the source of the fire.

RETROFIT-READY

Can be installed in existing control cabinets.

Protecting People, Machines and the Environment

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