

REACTON

FIRE SUPPRESSION

Protecting your future, today



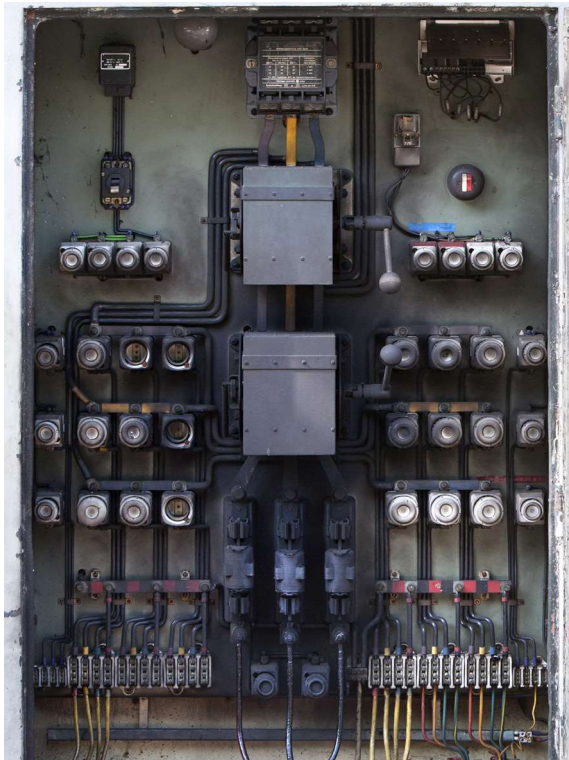
Novec
Brand



fire protection
TECHNOLOGIES

ELECTRICAL PANEL PROTECTION

AUTOMATIC FIRE SUPPRESSION FOR **ELECTRICAL CONTROL PANELS**



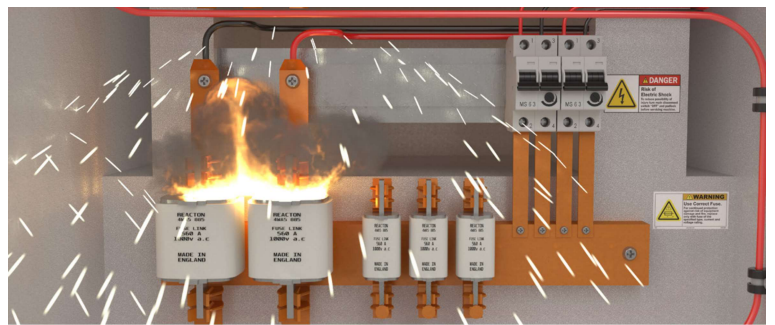
Electrical fires are incredibly challenging to predict. Once started and if left to burn their effects are devastating. It is very difficult to identify early signs of an electrical system failure and therefore the risk exposure to an electrical fire is typically greater when compared to other fire types. Reacton systems are designed to be cost effective and are able to detect and suppress fires on time, every time.

Systems can be seamlessly integrated into building fire control systems including any associated audible and visual alarm devices. Reacton's fire suppression system has been designed to achieve high quality outputs with minimum cost and time.

Scalable and adaptable, Reacton understands that ease of installation is essential for both new equipment and retrofit. This is why Reacton have researched and developed systems to protect small to large enclosures with multi-zone capability.

MOST COMMON CAUSES OF ELECTRICAL FIRES:

- Wire Fatigue
- Component Fatigue
- Overloaded Circuits
- Incorrect Installation
- Lack of Maintenance



THE ADVANTAGES OF A REACTON SYSTEM:



- Rapid fire detection and immediate delivery of agent
- Automatically activated
- No power required.
- Lightweight & compact
- Simple to install
- Cost-effective
- Reacton detection tubing can be installed in any location
- 10 year service life
- 3 year warranty on all parts

HOW OUR AUTOMATIC FIRE SUPPRESSION SYSTEM WORKS

DIRECT SYSTEM

Based on a thorough risk assessment, our detection tube is installed near to identified hazards within the enclosed panel. When fire is detected the system activates and the fire suppression agent inside the cylinder(s) discharges rapidly to the seat of the fire. This rapid deployment significantly improves the probability of returning the asset to full working order with minimal downtime.

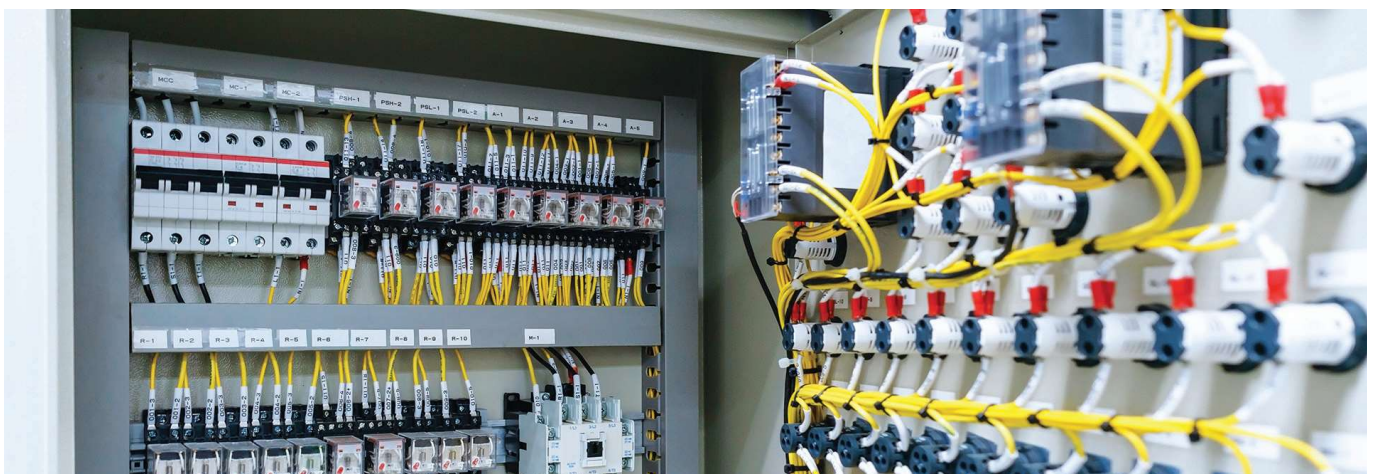
- Compact and light weight.
- 24/7 protection with zero false alarms.
- Provides rapid suppression leaving no residue.
- Agent is non-corrosive and completely non-conductive.



INDIRECT SYSTEM

Utilising the same detection method as our direct system, our indirect system has a fire suppressant discharge network using nozzles to rapidly protect larger cabinets. Our nozzles have been developed to provide a discharge pattern that delivers the agent across a wide area in a matter of seconds.

- Compact and light weight.
- 24/7 protection with zero false alarms.
- Provides rapid fire suppression leaving no residue.
- Agent is non-corrosive and completely non-conductive.



**RANGE OF
CLEAN AGENTS:**



Novec™
Brand



PRODUCTS:

Gaseous Suppression



Inert Gas (IG-01, IG-55, IG-100, IG-541)
Novec 1230™ Fluid (FK-5-1-12)
FM-200® (HFC-227ea.)
Carbon Dioxide (CO₂)
Hybrid Systems (N₂ / Water)
Pressure Relief Vents
Enclosure Integrity Testing Equipment
Pipe & Fittings

Water Suppression



Water Mist - High Pressure
Water Mist - Intermediate Pressure
Water Mist - Low Pressure
Hybrid Systems (Water / N₂)
Monitors & Delivery Systems
High Speed Deluge

Foam Suppression



Foam Concentrates
Foam Proportioning
Foam Delivery Systems
Foam Concentrate Testing

Explosion Protection



Explosion Suppression
Explosion Isolation
Explosion Vents & Pressure Relief
Spark Suppression
Explosibility Testing

Fire Detection



Linear Heat Detection - Digital
Linear Heat Detection - Fibre Optic
Linear Heat Detection - Micro Chip
Flame Detection
Video Imaging Detection
Spark Detection
Control & Indicating Equipment
Thermal Imaging Detection
Aspirating Smoke Detection

Military & Defence



Military Vehicles
Naval Vessels

Special Applications



Micro Environment
Oxygen Reduction
Kitchen Protection Systems
Dry Chemical
Vehicle Systems
Compressed Air Foam
Marine & Offshore
Vapour Mitigation
Li-Ion Fire Systems

Support Services



Design / Engineering
Technical Support
Services & Testing

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