REACTON
FIRE SUPPRESSION
Protecting your future, today

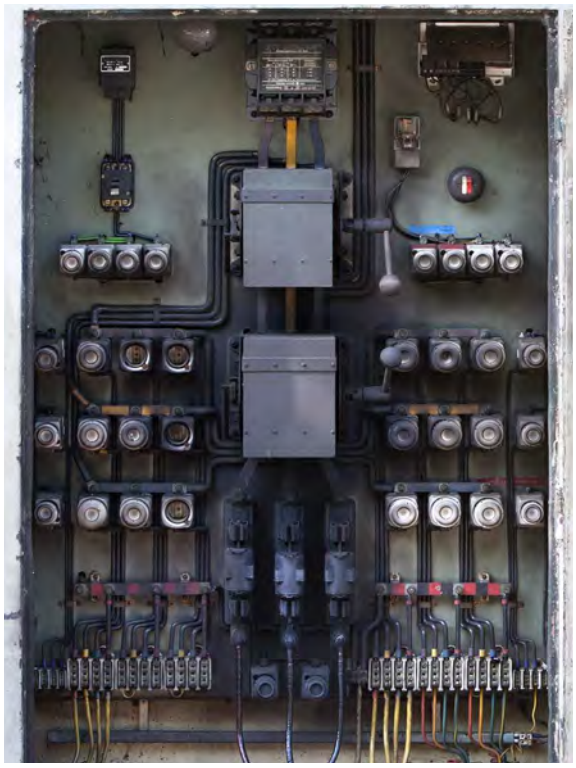


3M | Novec™ Brand

fire protection TECHNOLOGIES

ELECTRICAL PANEL PROTECTION

AUTOMATIC FIRE SUPPRESSION FOR
ELECTRICAL CONTROL PANELS



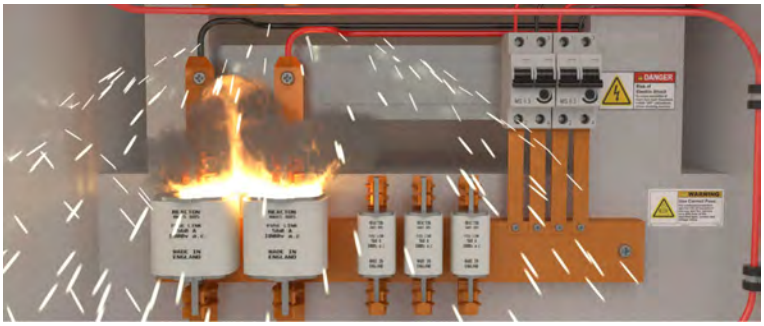
Electrical fires are incredibly challenging to predict. Once started and if left to burn their effects are devastating. It is very difficult to identify early signs of an electrical system failure and therefore the risk exposure to an electrical fire is typically greater when compared to other fire types. 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:

3M | Novec™ Brand

FM-200™

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 (CO_2)
- Hybrid Systems (N_2 / 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 / N_2)
- Monitors & Delivery Systems
- High Speed Deluge

Foam Suppression



- Foam Concentrates
- Foam Proportioning
- Foam Delivery Systems
- Compressed Air Foam
- 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
- Marine & Offshore
- Vapour Mitigation
- Li-Ion Fire Systems

Support Services



- Design / Engineering
- Technical Support
- Services & Testing

Australia

Head Office
Unit 1, 251 Ferntree Gully Road
Mt Waverley VIC 3149
Australia

Brisbane Office
3/33 Stockwell Place
Archerfield QLD 4108
Australia

Perth Office
3 Pegg Court
Kewdale WA 6105
Australia

Sydney Office
25 Mustang Drive Rutherford
NSW 2320
Australia

1300 742 296
www.fire-protection.com.au
enquiries@fire-protection.com.au

New Zealand

Auckland Office
Unit 2, 13 Airborne Road
Albany North Shore 0632
New Zealand

0011 64 9415 5488
www.fire-protection.net.nz

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