REACTON
FIRE SUPPRESSION

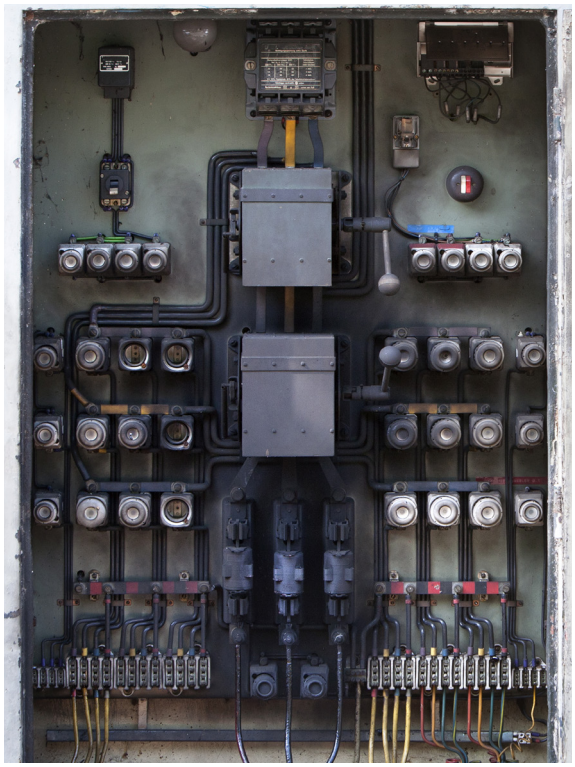
Protecting your future, today

3M | Novec™ Brand

ELECTRICAL PANEL PROTECTION

Rev.A

AUTOMATIC FIRE SUPPRESSION FOR
ELECTRICAL CONTROL PANELS



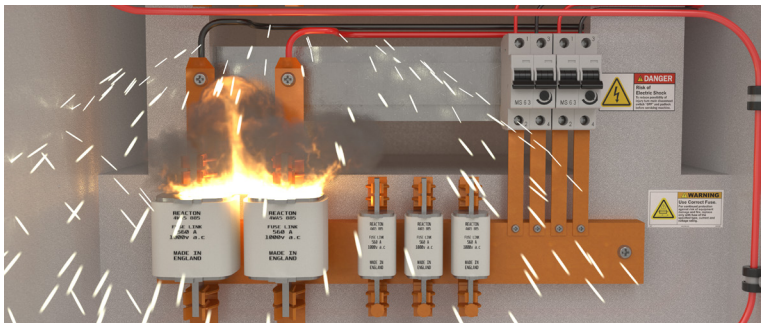
Electrical fires are incredibly challenging to predict. Once started and if left to burn their effects are devastating. It is very difficult to identify early signs of an electrical system failure and therefore the risk exposure to an electrical fire is typically greater when compared to other fire types.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

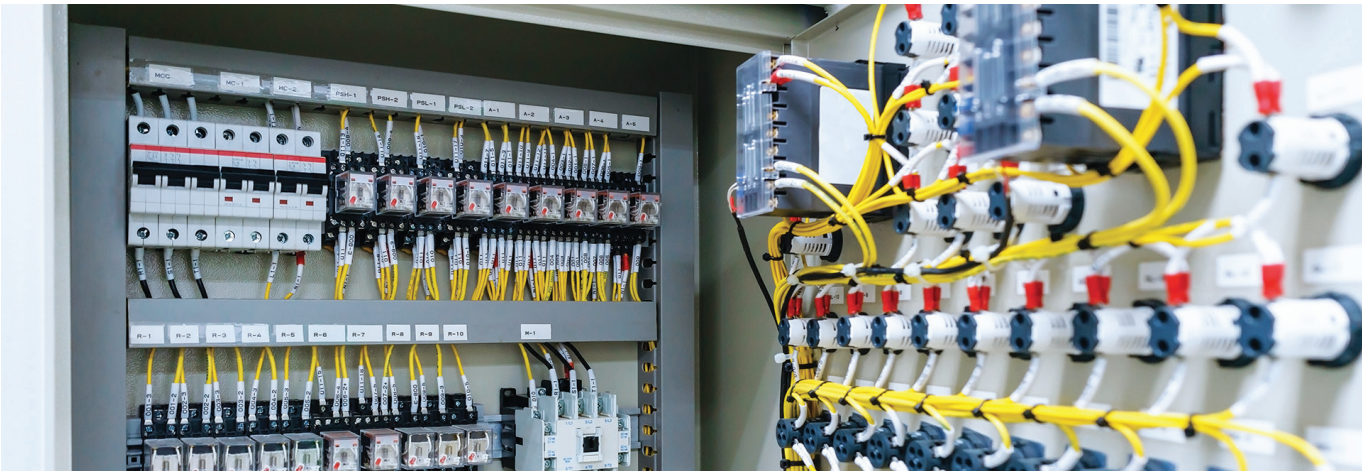
Based on a thorough risk assessment, our detection tube is installed near to identified hazards within the enclosed panel. When fire is detected the system activates and the fire suppression agent inside the cylinder(s) discharges rapidly to the seat of the fire. This rapid deployment significantly improves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

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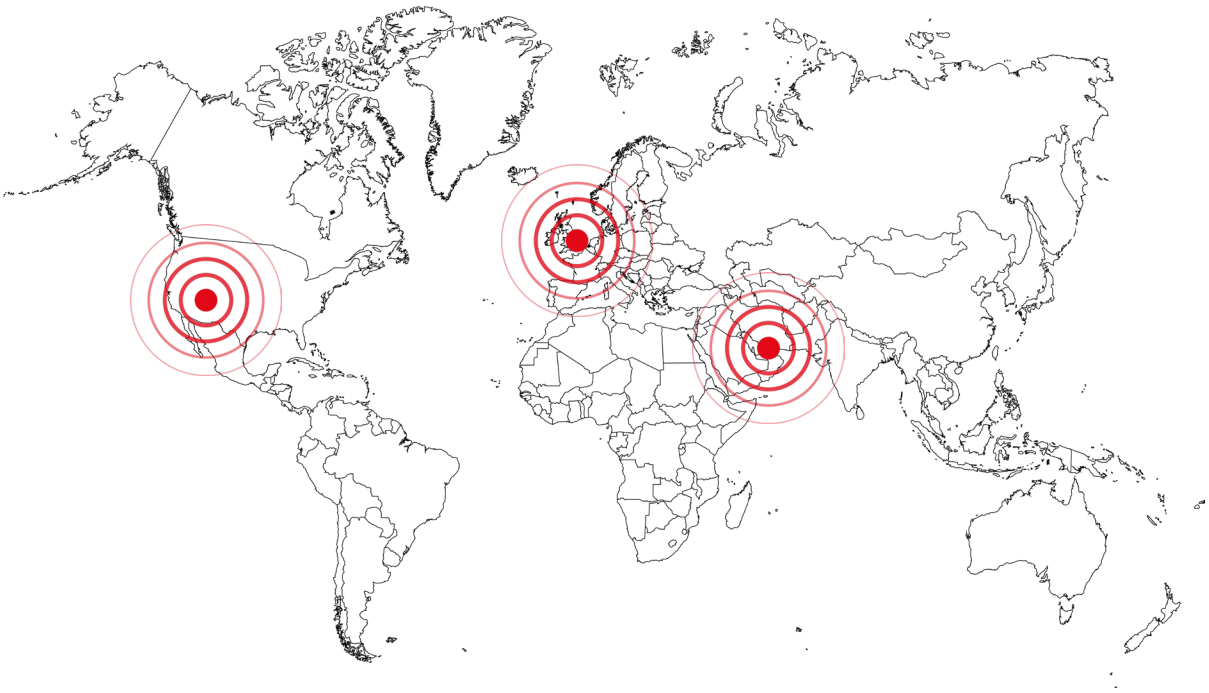

REACTON EUROPE

Address: 14 Baynes Place, Waterhouse Business Park, Chelmsford, Essex, CM1 2QX, United Kingdom

Phone: +44 (0) 1245 930 296

email: info@reactonfire.com

web: www.reactonfire.com

REACTON NORTH AMERICA

Address: 23335 N 18th Dr #140, Phoenix, AZ 85027, USA

Phone: +1 844 732 2866

email: info@reactonfire.com

web: www.reactonfire.com

REACTON UNITED ARAB EMIRATES

Address: Business Center, Building A3, Dubai World Central, Dubai, United Arab Emirates

Phone: +971 50 236 2357

email: info@reactonfire.ae

web: www.reactonfire.ae

REACTON SYSTEMS PROTECT

- On-Road and Off-Road Vehicles
- Residential Kitchens
- Manufacturing and Machining Equipment
- Industrial Equipment
- Heavy Equipment
- Power Generation
- Data Centres
- Electrical Control Cabinets

RISE P 3M Approved OEM Fire Protection Products CE bsi. ISO 9001:2015 Quality Management FIA Fire Industry Association FPA Fire Protection Association MEMBER 2019 Exova E5 70 UNECE Inland Transport Committee MADE IN BRITAIN