REACTON
FIRE SUPPRESSION

BUS AND COACH
AUTOMATIC FIRE PROTECTION

PROTECTING **YOUR FUTURE,** TODAY.

WHY DO **BUSES AND COACHES** NEED FIRE PROTECTION?

The consequences of fire are destructive, not only regarding the risk to life and the environment but also to breaches in industry standards or regulations. Studies show that public transport fleet operators continue to suffer mechanical or electrical system failures that lead to fires, particularly in engine bays and across transmissions.

Our approach and ability to provide risk-based and scalable fire suppression solutions through Failure Mode, Effects and Criticality Analysis (FMECA) are second to none. Our propriety detection system that responds rapidly to radiant heat from fires, coupled with fast fire suppression agent deployment, makes Reacton best placed to provide cost-effective, durable, adaptable and trusted fire suppression systems for buses and coaches.

APPLICATIONS AND **RISK AREAS:**

- Engine compartment - various **high risk components**
- Transmissions - **critical** to the machine
- Electrical systems - can **spread fire** quickly
- Battery enclosure - **critical** to the machine
- Heating systems - **increases the threat** of fire

THE ADVANTAGES OF A **REACTON SYSTEM:**

- **Fully Automatic** Fire Suppression
- **No External Power** Required
- Extremely **Low Maintenance**
- **24/7 Protection** without False Alarms
- **10 Year** Service Life
- **Retro and Factory Fit** Compatible
- **Compact & Lightweight** for Easy Installation

APPROVED TO THE **HIGHEST GLOBAL STANDARDS**

The UL Listing certifies Reacton's detection tube as a Heat-automatic Fire Detectors - Component. Having a core product Certified by UL demonstrates that you focus on providing your customers with a secure, safe and sustainable offering.

S36434

The P-Mark according to SPCR 183 has been developed for fire suppression systems in engine compartments of buses and coaches. With this global leading approval it ensures that your product can perform at the highest level in the most stringent and challenging conditions

SINGLE AGENT FIRE PROTECTION:

NOZZLES
Dry powder nozzles, release extinguishing agent.

INDIRECT VALVE
Made in the UK from high-quality stainless steel, born of years of research and development.

DISCHARGE HOSES
The extinguishing agent is delivered through the discharge hose to the nozzles.

DRY POWDER
ABC dry powder offers rapid knockdown capabilities.

Reacton's UL listed detection tube bursts, activating the system. The dry powder agent is released from the discharge hoses through the nozzles to fight the fire quickly and effectively.

ADDITIONAL **SAFETY FEATURES:**

MANUAL ACTUATOR

Provides a secondary point of activation for the system using manual means.

JUNCTION BOX

The Junction Box houses all the connections for the control system, such as engine shut-down, backup battery, isolation, delay and system activation.

IN-CAB FASCIA

Enables the feature of manual activation and monitoring of the system.

BATTERY ISOLATOR

Isolates a power source for minimising the chance of re-ignition.

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REACTON SYSTEMS PROTECT

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

RISE SPCR 199 RISE SPCR 183 LPCB LPCB S36434 UNECE R107 UL LISTED UL EX28742 LISTED ACTIVFIRE CERTIFIED UAE.S 5041:2021 ESL-23-11576 SASO 2946:2020 ESL-23-11577

bsi ISO 9001 Quality Management Systems CERTIFIED FIA Fire Industry Association REACTON FIRE SUPPRESSION 1230 MADE IN BRITAIN CE

Rev.B