

REACTON

FIRE SUPPRESSION

Protecting your future, today



BUS AND COACH PROTECTION

AUTOMATIC FIRE SUPPRESSION FOR **BUSES AND COACHES**



The consequences of fire are destructive, not only in terms of the risk to life and the environment but 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) is second to none. With 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.

APPLY REACTON FIRE SUPPRESSION TO:

- Engine Compartment
- Transmissions
- Electrical Systems
- Battery Enclosures
- Heating/AC Systems



THE ADVANTAGES OF A REACTON SYSTEM:



- Rapid fire detection and immediate delivery of agent
- Highly resilient in harsh environments
- Automatically activated with no power required
- Lightweight & compact
- Cost Effective
- Ideal for new vehicles and retrofit
- Easily configurable with sounders or third party monitoring panels
- 10 year service life
- 3 year warranty on all parts

HOW OUR AUTOMATIC FIRE SUPPRESSION SYSTEM WORKS

INDIRECT SYSTEM

With Reacton's 'Safety First' approach, we have a fully developed and warranted indirect system, designed to detect and suppress bus and coach engine bay fires. Our system utilises a unique pneumatic detection tube that once compromised by fire, triggers the rapid deployment of an effective 'knock down' powder. The powder is then distributed through a discharge network and bespoke nozzles designed with the agent's characteristics in mind which dominates even the most demanding fires.

- Compact, light and easy to install
- 24/7 protection with zero false alarm and availability to be connected and activated by external monitoring system
- Provides rapid fire suppression leaving no residue



CERTIFICATION OF A REACTON SYSTEM:

P-MARK SPCR 183

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. Realistic and repeatable fire tests are performed then all components are put through the industry leading mechanical testing such as vibration, impact, corrosion and temperature cycling. Thorough factory production control of the manufacturer along with regular auditing provide the highest level of confidence with any system bearing the P-Mark logo.



Reacton achieved the highest score possible in the P-Mark SPCR 183 with a 10/10 rating. (A+)

Reacton systems are also compliant to UNECE R107.

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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

