CHECKFIRE 110 Detection & Actuation

Maximize Protection Not Cost

Rugged heavy equipment comes with substantial fire safety challenges often requiring a significant investment in life and property protection. The ANSUL® CHECKFIRE 110 Detection and Actuation System offers cost-effective, single-zone detection and actuation for smaller vehicles used in the extreme environmental and physical conditions of industries like forestry, waste disposal, aviation and transit.

Product Overview

Designed and built for mobile applications

- **Cost-Effective, Single-Zone Detection and Actuation**
- **Supervised, Plug-and-Play Circuits**
- **LED System Status Indicators**
- **Dust and Water Tight (IP67 Rated)**
- **Automatic or Manual Operation**
- **Internal Reserve Power Source**
- **Compact Size for Console Mounting**
- **FM Approved and CE Marked**

The ANSUL® CHECKFIRE 110 Detection and Actuation System offers cost-effective, single-zone detection and actuation for smaller vehicles used in extreme environments.

Best-in-Class Detection and Actuation

The CHECKFIRE 110 system provides electrical and/or optional pneumatic input to actuate an ANSUL® fire suppression system. When fire is detected, the control module sends an electrical signal to release the gas from an expellant gas cartridge to pressurize and discharge the fire suppression system. The system is typically used with an ANSUL® A-101 or LVS Vehicle Fire Suppression System for 24-hour protection of equipment.

The CHECKFIRE 110 system features supervised circuits with color-coded, plug-and-play connectors for detection, release and external 12/24 VDC primary power source. Operating components include the compact control module, spot or linear thermal detection, electric manual actuators and a protracting actuation device.

Two Forms of Detection for Those First Critical Seconds

Detection is the critical first step in successfully dealing with the threat of fire. The CHECKFIRE 110 offers two highly-reliable forms of detection used individually or in combination. Linear Detection Wire consists of spring-steel conductors separated by a heat sensitive insulator. At the temperature rating of the wire, 356°F (180°C), the insulator melts and the two conductors make contact, sending a signal to the detection module, which signals the control module to actuate the fire suppression system. With Spot Thermal Detection, the thermal detector contacts close and signal the control module to initiate fire suppression when the temperature reaches either 250°F or 350°F (121°C or 177°C) depending on the model selected.

24-Hour Fire Protection

THE CHECKFIRE 110 System can be found on vehicles and equipment in these industries:

- Agriculture
- Aviation
- Construction
- Forestry
- Landfill
- Public Transportation
- Public Utilities
- Waste Disposal

Operator-Friendly Actuation Control

The CHECKFIRE 110 control module typically can be installed within reach of the operator. This provides easy access to controls while indicator LEDs and an internal sounder notify the operator of the system status. Immediate system release and alarm can be initiated using the manual-activation button with LED alarm indicator. A triple-function button can restart the time delay sequence, reset the control module or silence audible notifications during fault conditions..

The Ultimate Fire Suppression Solution

The ANSUL® brand promises a full range of quality fire protection solutions – from automatic detection and suppression systems to a complete line of wheeled and hand portable fire extinguishers and more. Plus, our extensive network of Authorized ANSUL® Distributors provides factory-trained professionals to serve our customers virtually anywhere in the world.

A Passion for Protection

Dedicated customer support. Extensive product portfolio. Engineering excellence. Trusted, proven brands. Johnson Controls offers all of these attributes, plus a passion for protection. It's what drives us to create solutions to help safeguard what matters most – your valued people, property and business.

For additional information, please visit www.ansul.com or follow us @ansulfire on Twitter.

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