



# Faster Detection. Faster Response.

## Introducing the ANSUL® CHECKFIRE 210 Quad Infrared (QIR) Detector

The ANSUL CHECKFIRE 210 Quad Infrared (QIR) Detector provides mine operators with the capability for faster detection and response to fires on mining vehicles, allowing for greater continuity of operations – and unparalleled peace of mind. Featuring an infrared flame detector optimized for use on mobile mining equipment, the CHECKFIRE 210 QIR is designed for the operational rigors of the industry. It provides a comprehensive, efficient solution for fire detection in off-road mining vehicles and helps ensure the protection of valuable assets in challenging environments.

### Enhanced Detection Speed

The quad infrared detector used in the CHECKFIRE 210 QIR incorporates optical technology to provide additional protection to your high-value vehicle, where speed of detection is of the utmost importance. As a supplement to traditional, linear detection systems, adding the CHECKFIRE 210 QIR Detector allows hydrocarbon fires to be detected faster than with linear wire detectors alone.

### Purpose-Built Design

Engineered specifically for the mining industry, the CHECKFIRE 210 QIR has been tested to exceed operational standards for the industry and is purpose-built for the real-world conditions found in off-road mining vehicles with open hazard areas. Designed to detect hydrocarbon flames more efficiently on mining vehicles, the QIR optical sensor meets or exceeds:

- Industry operational testing, vibration profile and pressure wash resistance
- In-field customer testing and feedback requirements
- Enhanced OEM mining industry standards
- FM 5970 and FM 3260
- ActiveFire listed – AS 5062



#### **Detect and Suppress Fires Sooner:**

*Protect operators*

*Reduce severity of mining vehicle fires*

*Limit vehicle damage*

*Support continuity of operations*

The power behind **your mission**



## Latching Alarm Signal

The CHECKFIRE 210 QIR is an innovative solution bringing optical, quad infrared detection with latching indication to the vehicle fire protection market. This latching feature allows easier identification of the detector that sensed an issue, providing a more efficient incident response and simplifying system maintenance.

## Simplified Integration

Engineered to seamlessly integrate with existing ANSUL CHECKFIRE 210-D fire detection control systems, the CHECKFIRE 210 QIR provides an easy way to upgrade to optical detection technology while maintaining linear wire detection as a required backup. The CHECKFIRE 210 QIR system offers:

- New quad infrared detector
- Interface modules
- Installation bracketing
- Dedicated optical test unit



### Seamlessly integrates

with existing ANSUL  
CHECKFIRE 210-D fire  
detection control systems



## A Passion for Protection

From our dedicated customer support and extensive product portfolio to our engineering excellence and field-proven solutions, ANSUL fire protection products from Johnson Controls offer all of this and more, backed by an unrivaled passion for protection. It's what drives us to create solutions to help safeguard what matters most – your people, your property and your business.

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