



**C-9504**

## Features and Benefits

1. In the event of a short circuit isolates faulty parts of the loop.
2. Automatically resetting once the fault has cleared
3. LED status indicator.

## Description

In the event of a short circuit on a detection loop, the C-9504 Isolators either side of the fault, enable other devices on the unaffected part of the loop to operate normally. The module will continue to monitor for the fault to be repaired, Once the fault is cleared the isolate will automatically reinstate the effected part of the loop.

## Technical Specifications

- Operating voltage: 24Vdc Loop voltage
- Action Alarm current: 2A
- Operating temperature: -10°C to +50°C
- Fixed Temperature adjustments: between 54°C to 80°C
- Relative humidity: 95%
- Application: Indoor use
- Visual Indicator: LED, Red ( lit steady when alarm, 3 sec interval blinking at normal state)
- Protection rating: IP 22
- Material and colour: ABS, off-white
- Wiring: 1 pair non polarized
- Dimensions: 120mmx80mmx40mm

## Mounting Isolator Base

The short circuit isolator should be installed to complied with all local codes having a jurisdiction in your area. or NFPA 72 National Fire Alarm Code, NFPA 70 National Electrical Code. Designed to be installed onto a standard conduit electrical box (70mmx70mm)

## Wiring and Connection

Connect the wires to the required terminal according to the wire diagram. The cable must be fire rated type and the size depends on the distance and application. Minimum size gauge 1.0mm<sup>2</sup>(18 AWG)

## Detector Installation

Connect as per the markings on base

## Selection of compatible Control Panels

Compatible with all GST Intelligent Fire Alarm Panels GST 100, GST 200, GST 500, GST 5000, GST 9000.