



# Short Circuit Loop Isolator

C-9503



548f(cl-5) 0832-CPD-0839

## Description

In the event of short circuit on the detector loop the C-9503 Isolators either side of the loop will detect the problem and open circuit and isolates the faulty part of the loop, enabling 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 isolator will automatically reinstate the effected part of the loop.

## Technical Specifications

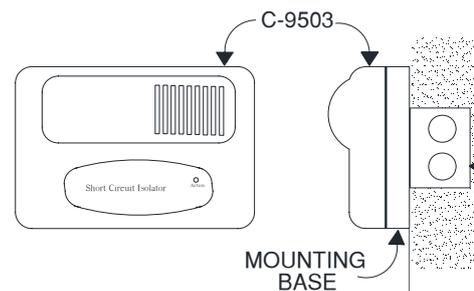
- Standard: EN 54-17
- Approval: LPCB, CE-CPD
- Operating voltage: 24VDC (16VDC~28VDC)
- Standby Current: 3mA
- Operating Current: 15mA
- Protection rating: IP 30
- Operating temperature: 0°C to +49°C
- Relative humidity: 93%
- Application: Indoor use
- Visual Indicator: twin LED, Red ( lit steady when alarm, 3 sec interval blinking at normal state)
- Material and colour: ABS, white (RAL9016)
- Wiring: 1 pair- polarized
- Dimensions: 120mm x 80mm x 39mm

## 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. can monitor up to 32 devices
4. Detector Base Isolator also available (C-9504)
5. LED status indicator

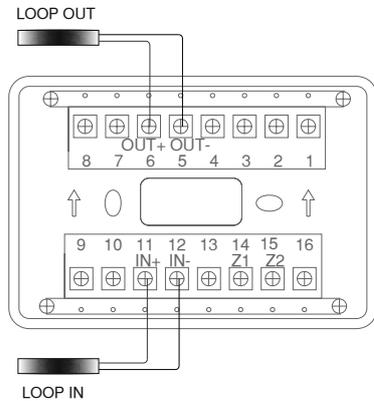
## Mounting Isolator Module

The isolator circuit should be installed in compliance with all local codes having a jurisdiction in your area or BS 5389 Part 1 and EN54. Do not remove red plastic dust cover until the final handover is done.



## Wiring and Connection

Connect the wires to the required terminal according to the wiring 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 marking on the base.

## Selection of compatible Control Panels

Compatible with all GST Intelligent Fire Alarm Panels GST200-2, GST5000, GSTIFP8.

## Ordering Information



**Part Number:** C-9503  
**Description:** Loop Isolator  
**Weight / Kg.:** 0.100  
**Pack Qty. per Box:** 80

