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Short Circuit Isolator C-9503



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. Detector Base Isolator also available (9504)
4. LED status indicator

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.

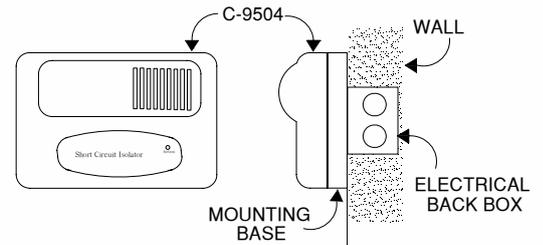
The module will continue to monitor for the fault to be repaired, once the fault is cleared the isolator will automatically reinstate the effected part of the loop.

Technical Specifications

- Protection rating: IP 30
- Approval: LPCB
- Operating voltage: 24Vdc
- Operating Current: 270mA
- Operating temperature: -10°C to +50°C
- Relative humidity: 90%
- Application: Indoor use
- Output Capacity: 30Vdc / 5 mA
- Visual Indicator: RED LED (lit steady when alarm, off normal state)
- Material and colour: ABS, off-white
- Wiring: 1 pair non polarized
- Dimensions: 120mm x 80mm x 39mm

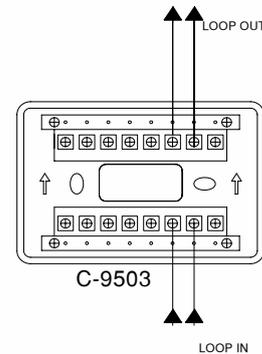
Mounting Isolator Base

The integration of fire detection system should comply with all local codes and / or NFPA 72 National Fire Alarm Code, NFPA 70 National Electrical Code. Designed to installed onto 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 1.0mm²(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 GST 100, GST 200, GST 500, GST 9000.

Ordering Information:

Part No	Description	Weight /Kg	Pack Qty per Box
C-9503	Short Circuit Isolator	0.100	120

Note: Specifications are subject to change without notice.

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