

## VF5605-0M

Isolator



### Standard Features

- Detects wiring short-circuits using patented technology
- Minimizes disruption from short-circuits
- Automatic de-isolation on short-circuit removal
- Up to 20 devices may be installed between isolators

### Overview

The VF5605-0M Isolator is placed at intervals on the loop and ensures that, in the case of a short circuit, only the section between the isolators will be affected. When the short circuit is removed, the isolators automatically restore power and data to the isolated section.

### Technical Specifications

**Base Materials:** White Polycarbonate, V-0 to UL94

**Dimensions:** 4" x 1"

**Temperature Range:** 32°F to 100°F

**Humidity:** 10 to 93% RH Non-Condensing

**Wiring Size:** 24AWG - 14AWG

**Signal Line Circuit(SLC):** Supervised

**Working Voltage:** 17-28VDC (maximum DC voltage range)  
**Modulation Voltage:** 5-9V (Peak to Peak)

**Operating Current:**

**Supervisory Current:** 110µA

**Surge Current:** 0mA

**Maximum Current Drawn:** 8.5mA

## VF5634-0M

Isolator Base



### Standard Features

- The VF5634 Isolator Base is unique and designed to only accept the Isolator.
- Only accepts isolators

### Overview

The Isolator Base is designed to accept XP95 isolators only. This ensures that XP95 detectors cannot be fitted to isolator bases in error. The isolator base has only three terminals and an earth connection.