

## Isolating Base: VF5633-0M



USCG Type Approved  
161.002/A53/0



### Standard Features

- The equivalent of up to 20 smoke detectors may be installed between isolating bases
- High brightness LED

### Overview

The Isolating Base senses and isolates short circuit faults on XP95 loops and spurs. The base is loop powered, polarity sensitive and accepts the XPERT card to set the associated detector address.

In short circuit conditions, the integral yellow LED is illuminated. The detector associated with the base remains active under short circuit conditions. Voltage sensing is continuous so that power and signals to the affected section are restored automatically when the fault is cleared.

Up to twenty devices (detectors and XP95 interface units) may be installed between isolating bases provided that their total switch on surge current does not exceed 50mA at 17.5 volts.

### 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:** 50µA

**Surge Current:** 0mA

**Maximum Current Drawn:** 8.5mA