

Isolator: VF5605-0M



USCG Type Approved
161.002/A53/0



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

Isolator Base: VF5634-0M



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Standard Features

- The VF5634-0M 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.