

ISO-7-E Fault Isolator Module

Section: Intelligent/ Addressable Devices

General

The NOTIFIER® ISO-7-E Fault Isolator Module is used with the N-6000 Fire Alarm Control Panel (FACP) to protect the system against wire-to-wire short circuits on the SLC loops. The ISO-7-E should be spaced between groups of sensors in a loop to protect the rest of the loop. Use to isolate short circuit problems within a section of a loop so that other sections can continue to operate normally.

If a wire-to-wire short occurs, the ISO-7-E will automatically open-circuit (disconnect) the SLC loop. After the short circuit condition is corrected, the ISO-7-E will automatically reconnect the isolated section of the SLC loop. The ISO-7-E will not require any address-setting, and its operations totally automatic. The ISO-7-E can mount in a standard 4.0" (10.16cm) deep electrical box, in a surface-mounted backbox, or in the FACP.



ISO-7-E Fault Isolator Module

Features

- Powered by SLC loop directly, no external power required.
- Integral LED blinks to indicate normal condition. Illuminates steady when short circuit condition is detected.
- SEMS screws with clamping plates for ease of wiring.
- Open SLC loop automatically on detection of short, preventing the short from causing failure of the entire loop.
- Automatically resets on correction of short.

Specification

- Operating Voltage : 15 ~ 32VDC
- Operating Temperature : -10 ~ 50 °C
- Relative Humidity : 10% ~ 95%RH, non-condensing
- Activation Voltage : $\leq 1.5V$
- Restore Voltage : $\geq 3V$
- Max. 25 no. of ND700 Series Intelligent Devices between Isolators
- Dimensions : 120mm (Height) \times 105mm (Width)

NOTIFIER® is registered trademark of Honeywell International Inc.

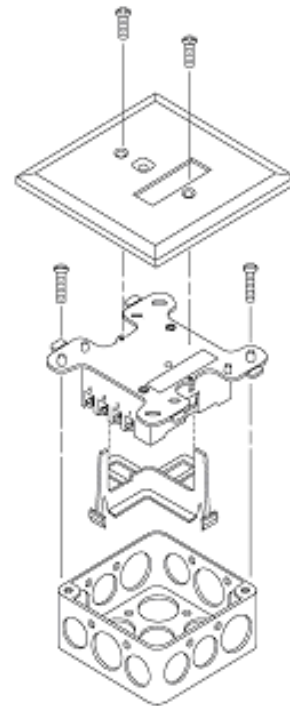
©2006 Honeywell International Inc. All rights reserved. Unauthorized use of this document is strictly prohibited.

This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice. For more information, please contact NOTIFIER. Phone: +886 (2) 22487171 Fax: +886 (2) 22450927

Mounting

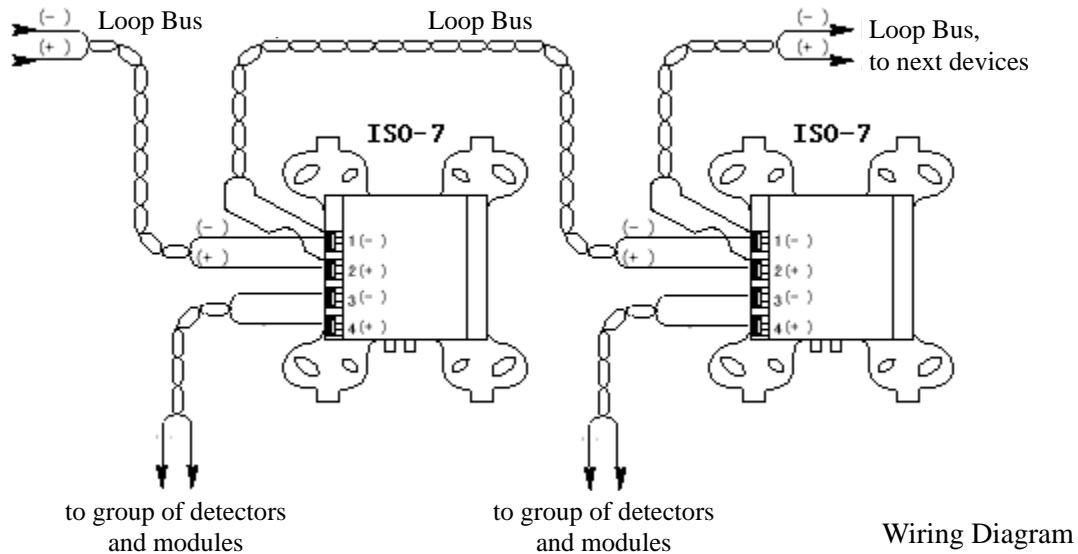
The ISO-7-E isolator module can be mounted directly to a 50 to 100 mm junction box as shown in the Mounting Diagram.

Mounting Diagram



Wiring

- T1 (-), T2 (+) : Loop communication bus input
- T3 (-), T4 (+) : Loop communication bus output



This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice. For more information, please contact NOTIFIER. Phone: +886 (2) 22487171 Fax: +886 (2) 22450927

 **NOTIFIER**
by Honeywell

ISO 9001
CERTIFIED
ENGINEERING & MANUFACTURING