SILENT KNIGHT
by Honeywell

IDP-ISO FAULT ISOLATOR MODULE INSTALLATION INSTRUCTIONS

12 Clintonville Road, Northford, CT 06472
203.484.7161; Fax: 203.484.7118
www.silentknight.com

SPECIFICATIONS

Normal Operating Voltage:	15-32 VDC
Stand-By Current:	450µA (not isolating, relay closed)
Temperature Range:	32°F to 120°F (0°C to 49°C)
Humidity:	10% to 93% Non-condensing
Dimensions:	$4^1/_2$″ H × 4″ W × $^1/_4$″ D (Mounts to a 4″ square by $2^1/_8$″ deep box)

This information is included as a quick reference installation guide. Refer to the appropriate Silent Knight Installation Manual for detailed system information. If the modules will be installed in an existing operational system, inform the operator and local authority that the system will be temporarily out of service. Disconnect power to the control panel before installing the modules.

NOTICE: This manual should be left with the owner/user of this equipment.

GENERAL DESCRIPTION

IDP-ISO FAULT ISOLATOR MODULES enable part of the communications loop to continue operating when a short circuit occurs on it. An LED indicator blinks in the normal condition and turns on during a short circuit condition. The module will automatically restore the entire communications loop to the normal condition when the short circuit is removed.

COMPATIBILITY REQUIREMENTS

To ensure proper operation, these modules shall be connected to compatible Silent Knight system control panels only.

NOTE: In general, up to 25 addressable devices may be grouped between isolator modules.

MOUNTING

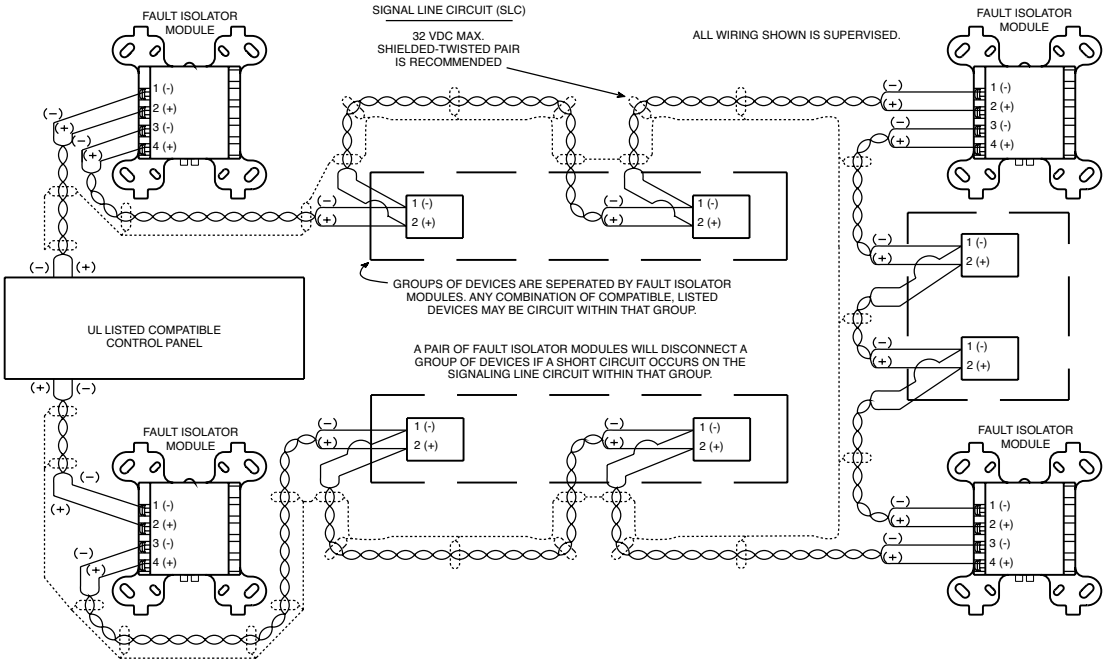
IDP-ISO modules mount directly to 4 inch square electrical boxes. The box must have a minimum depth of 21/8″.

WIRING

NOTE: All wiring must conform to applicable local codes, ordinances, and regulations.

1. Install module wiring in accordance with the job drawings and the wiring diagrams in Figure 1.
2. Secure module to electrical box (supplied by installer).

FIGURE 1. IDP-ISO FAULT ISOLATOR MODULE WIRING DIAGRAM



C0802-01

©2009 Honeywell International Inc.