SIL KN ® by Honeywell

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 06/08/17

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IDP-Monitor-2 Dual Monitor Module

SPECIFICATIONS

Normal Operating Voltage:	15 to 32 VDC	
Maximum Current Draw:	6.4 mA (LED on)	
Average Operating Current:	750µA (LED flashing)	
Max. SLC wiring Resistance:	40 ohms	
EOL Resistance:	47K Ohms	
Max. IDC wiring resistance:	1,500 Ohms	
Maximum IDC Voltage:	11 Volts	
Maximum IDC Current:	240µA	
Temperature Range:	32˚F to 120˚F (0˚C to 49˚C)	
Humidity:	10% to 93% Non-condensing	
Dimensions:	$4^1/_2$″ H x 4.275″ W x 1.4″ D	(Mounts to a 4″ square by $2^1/_8$″ deep box.)
Accessories:	SMB500 Electrical Box	

BEFORE INSTALLING

This information is included as a quick reference installation guide. Refer to the control panel 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

The Dual Monitor Module is intended for use in intelligent, two wire systems. It provides two independent 2-wire initiating device circuits (IDC), at two separate, consecutive addresses. It is capable of monitoring normally open contact fire alarm and supervisory devices, or either normally open or normally closed security devices.

COMPATIBILITY REQUIREMENTS

To ensure proper operation, this module shall be connected to a compatible Silent Knight system control panel (list available from Silent Knight).

FIGURE 1. CONTROLS AND INDICATORS:

C0917-02

MOUNTING

Mounts directly to 4-inch square electrical boxes (see Figure 2). The box must have a minimum depth of $2^1/_8$ inches. Surface mounted electrical boxes (SMB500) are available from Silent Knight.

FIGURE 2A. MODULE MOUNTING:

C1075-00

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WIRING

NOTE: All wiring must conform to applicable local codes, ordinances, and regulations. This module is intended for power limited wiring only.

1. Install module wiring in accordance with the job drawings and appropriate wiring diagrams.
2. Set the address on the module per job drawings.

   NOTE: Monitor module L (using terminals 6 and 7) responds at the address set on the code switches. Monitor module H (using terminals 8 and 9) will automatically respond at the next higher address. For example, if the code switches are set to 76, module L will respond at address 76 and module H will respond at address 77. Use caution to avoid duplicate addressing of modules on the system.
3. Secure module to electrical box (supplied by installer), as shown in Figure 2.

FIGURE 3. TYPICAL 2-WIRE INITIATING CIRCUIT CONFIGURATION, NFPA STYLE B:

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