



**SILENT
KNIGHT**

by Honeywell

ECS-SW24 Installation Instructions

The ECS-SW24 adds 24 additional switches to the Silent Knight ECS Series controls providing a total of 40 switches (with the ECS-VCM or ECS-RVM).

Note: Installation and wiring of this device must be done in accordance with NFPA 72 and local ordinances.

Compatibility

The ECS-SW24 is compatible with the Silent Knight IFP-2000ECS, IFP-1000ECS and IFP-100ECS FACPs.

Mounting

1. Open the cabinet door and dead front panel.
2. Remove AC power from the main control panel.
3. Disconnect the backup batteries.
4. Install the ECS-SW24 on the mounting studs located on the inside of the dead front panel on the IFP-1000ECS and IFP-100ECS. See Figure 1. The IFP-2000ECS can hold up to 2 ECS-SW24's, See Figure 2.
5. Secure the switch expander(s) to the dead front panel using the supplied ¼" Hex nuts.

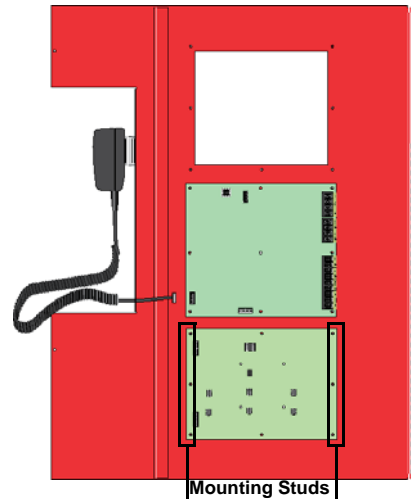


Figure 1: IFP-1000ECS and IFP-100ECS Mounting Location for the ECS-SW24

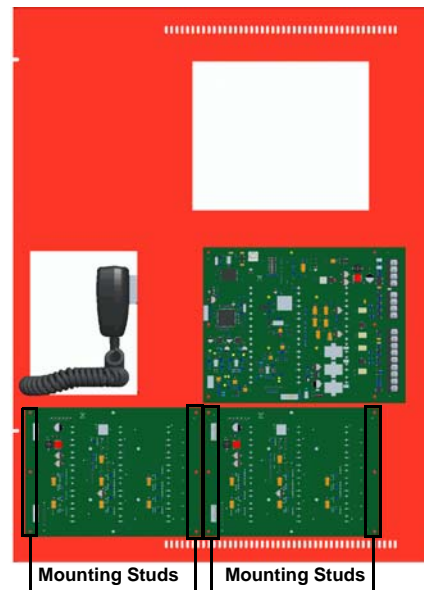


Figure 2: IFP-2000ECS Mounting Location for the ECS-SW24

Wiring

1. Connect one end of the supplied wiring harness (PN 130398) to the ECS-VCM or ECS-RVM and the other end to the ECS-SW24 as shown in Figure 3.
2. For the IFP-2000ECS, connect one end of the supplied wiring harness (PN 130398) to the ECS-VCM or ECS-RVM and the other end to the ECS-SW24. Then connect one ECS-SW24 to the other ECS-SW24 as shown in Figure 4.

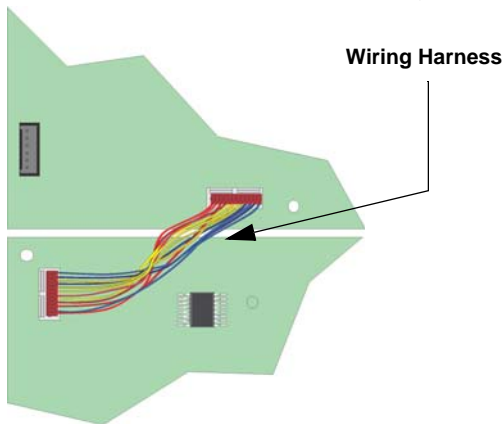


Figure 3: Wiring Harness Connection for the IFP-100ECS and IFP-1000ECS

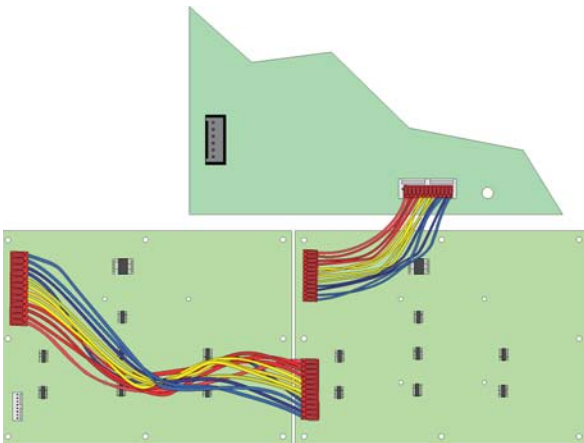


Figure 4: Wiring Harness Connection for IFP-2000ECS

3. Restore AC power.
4. Reconnect backup batteries.



12 Clintonville Road
Northford, CT 06472-1610 USA
203-484-7161
Fax: 203-484-7118
www.silentknight.com

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