

SK-CONTROL-6

Six Circuit Supervised Control Module

The SK-CONTROL-6 is an addressable notification module for use with Honeywell Silent Knight series fire alarm control panels (FACPs). The SK-CONTROL-6 provides supervised monitoring of wiring to load devices that require an external power supply or amplifier to operate, such as bells, horns, and strobes. It is capable of supporting Class B and Class A wiring.

Upon command from the FACP, the SK-CONTROL-6 will disconnect the supervision and connect the external power supply across the load device. The disconnection of the supervision provides a positive indication to the panel that the control relay actually turned on. The external power supply is always relay isolated from the SLC loop, so that a trouble condition on the power supply will never interfere with the rest of the system.

If needed, you can disable a maximum of three unused modules on the SK-CONTROL-6 board. Each module has terminals for connection to an external supply circuit for powering devices on its notification appliance circuit (NAC). One or more multiple power supplies can be used.

The SK-CONTROL-6 has a short circuit protection monitor for each module. The short circuit protection monitor protects external power supplies against short circuit conditions on the NAC. In addition, an algorithm is incorporated to find a short when the module is active. The module will close all circuits that are not shorted to find the NAC with the problem.

INSTALLATION

The SK-CONTROL-6 mounts directly into the Silent Knight IDP-ACB cabinet. The IDP-ACB cabinet has a built in chassis that will accommodate one or two SK-CONTROL-6 modules.



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FEATURES & BENEFITS

- Flexible solution for adding notification circuits where needed
- Removable 12 to 18 AWG plug-in terminal blocks
- Support for Class B or Class A wiring
- Individual LED for each module
- Two module mounting in the IDP-ACB cabinet
- Unused modules can be disabled
- Rotary address switches for fast installation
- Mounting hardware included
- UL Listed

SK-CONTROL-6 Technical Specifications

PHYSICAL

SK-CONTROL-6	IDP-ACB
Height: 6.8" (17.3 cm)	15.25" (38.7 cm)
Width: 5.8" (14.7 cm)	12.5" (31.8 cm)
Depth: 1.25" (3 cm)	3" (7.6 cm)
Shipping Weight: 6.3 oz	6.5 lbs

ELECTRICAL

Operating Voltage: 15 – 32 VDC

External Power Supply:

- 8mA max. in standby
- 20mA max. in alarm

SLC Standby & Alarm Current: 2.25mA max

Max NAC circuit line loss: 4VDC

SLC Loop Resistance: 47K Ω

ENVIRONMENTAL

Operating Temperature: 32°F – 120°F (0°C – 49°C)

Humidity: 10% – 93% non-condensing

ORDERING INFORMATION

SK-CONTROL-6: Six Input Notification Module

ACCESSORIES

IDP-ACB: SK Module Cabinet. Cabinet holds two SK-CONTROL-6s

COMPATIBILITY

The SK-CONTROL-6 is compatible with the following Honeywell Silent Knight fire alarm control panels:

6820: Addressable fire alarm control panel

6820EVS: Addressable fire alarm control panel with an emergency mass notification system.

6808: Addressable fire alarm control panel

6700: Addressable fire alarm control panel

5700: Addressable fire alarm control panel

5808: Addressable fire alarm control panel

5820XL: Addressable fire alarm control panel

5820XL-EVS: Addressable fire alarm control panel with an emergency voice system.

For a complete listing of all compliance approvals and certifications, please visit www.silentknight.com.

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For Technical Support, call 800-446-6444.

For more information

Learn more about Honeywell Silent Knight and other products by visiting www.silentknight.com

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Doc 350126 | Rev F | 11/17
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