SK-RELAY-6

Addressable Six Relay Control Module

The SK-RELAY-6 is an addressable relay module for use with Honeywell Silent Knight Series fire alarm control panels (FACPs). The SK-RELAY-6 has six Form C relays. It allows a Silent Knight FACP to switch discrete contacts by code command. If needed, you can disable a maximum of three unused modules on the SK-RELAY-6 board. No supervision is provided for the notification appliance circuit.

The SK-RELAY-6 contacts can be used for virtually any normally open or normally closed application. Each SK-RELAY-6 is programmed with a unique signaling line circuit (SLC) loop address. When an event occurs that controls the SK-RELAY-6, the relay is triggered by the FACP.

INSTALLATION

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

SK-RELAY-6

FEATURES & BENEFITS

- Six Form C contacts
- Removable 12 to 18 AWG plug-in terminal blocks
- Relay programming is completely flexible– can be mapped to zone conditions
- Individual LED for each relay contact

- Two module mounting in the IDP-ACB cabinet
- Up to three unused modules can be disabled

- Rotary address switches for fast installation
- Mounting hardware included
- UL Listed

SK-RELAY-6 Technical Specifications

PHYSICAL

SK-Relay-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" (2.5 cm)	3" (7.6 cm)
Shipping Weight: 6.3 oz	6.5 lbs (2.8 kg)

ELECTRICAL

Wire Gauge: 12 – 18AWG

Operating Voltage: 15 – 32VDC

Alarm Current: 32mA max (assumes all six relays have been switched once and all six LEDs solid on)

Relay Current: 30mA relay pulse with 15.6 mS pulse duration (FACP controls pulse)

Standby Current: 1.45mA max

SLC Loop Resistance: 40Ω max

ENVIRONMENTAL

Operating Temperature: 32ºF – 120ºF (0ºC – 49ºC)

Humidity: 10% – 93% non-condensing

RELAY CONTACT RATINGS

3A @ 30VDC resistive, non coded

2A @ 30VDC resistive, coded

0.9A @ 110VDC resistive, noncoded

0.9A @ 125VAC resistive, noncoded

0.5A @ 30VDC inductive(LR=5ms), coded

1A @ 30VDC inductive (LR=2ms), coded

0.3A @ 125VAC inductive (PF=.35), noncoded

1.5A @ 25VAC inductive (PF=.35), noncoded

0.7A @ 70.7VAC inductive (PR=.35), noncoded

2A @ 25VAC inductive (PF=.35), noncoded

ORDERING INFORMATION

SK-RELAY-6: 6 Relay Control Module

ACCESSORIES.

IDP-ACB: SK Module Cabinet. Cabinet holds two SK-RELAY-6

TWO SK-RELAY-6COMPATIBILITY

The SK-RELAY-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 voice 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 more information

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

Honeywell Silent Knight

12 Clintonville Road
Northford, CT 06472
800-328-0103

Honeywell

SILENT KNIGHT