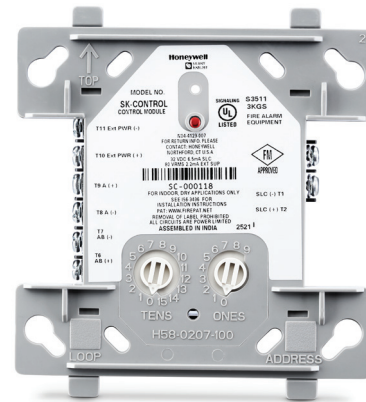


SILENT KNIGHT ISOLATOR MODULE

Line Isolator Module

The SK-ISO. is a SLC loop line isolator module for use with the Honeywell Silent Knight Series fire alarm control panels (FACPs). The SK-ISO. acts as an automatic switch that opens when the line voltage on the signaling line circuit (SLC) loop drops below four volts. Isolator modules should be spaced between groups of sensors or modules in a loop to protect the rest of the loop. If a short occurs between any two isolators, then both isolators immediately switch to an open circuit state and isolate the devices between them. The remaining units on the SLC loop continue to fully operate. No more than 25 ended for each group.



SK-ISO.

INSTALLATION

The SK-ISO. mounts directly into a 4" square electrical box. The box must have a minimum depth of 2-1/8". A surface mount electrical box (System Sensor® PN SMB500) is available from Honeywell.

COMPATIBILITY

The SK-ISO. is compatible with the following Silent Knight Series FACPs:

- 6808U
- 6820U
- 6820UEVS

FEATURES & BENEFITS

- Isolates short circuits on an SLC loop
- Protects the modules on the SLC loop so other devices continue to operate
- Panel controlled status LED that flashes green in normal state and is solid red in alarm
- Standard 4-inch electrical box mounting
- SEMS screws for easy wiring

AGENCY LISTING AND APPROVAL

- UL Listed
- FM Approved

TECHNICAL SPECIFICATIONS

PHYSICAL

Dimensions	4.5" H x 4" W x 0.25 D (11.4 x 10.2 x .6cm)
Shipping Weight	6.3oz (196g put bracket)

ELECTRICAL RATINGS

Operating Voltage	15 – 32 VDC
Standby Current	450 mA max (not isolating; relay closed)
Maximum Current	17mA (device is in Isolation)
Fault Detection Delay	250ms min

ENVIRONMENTAL

Operating Temperature	32°-120°F (0°C – 49°C)
Humidity	10 to 93% non-condensing

ORDERING INFORMATION

SK-ISO.	Line Isolator Module
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ACCESSORIES

SMB500	4" Square Surface Mount Electrical Box
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For a complete listing of all compliance approvals and certifications, please visit <https://buildings.honeywell.com>. Silent Knight™ is a trademark of Honeywell International, Inc. This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice.

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