Honeywell

SILENT KNIGHT

SK-F485C

Fiber to SBUS Converter

The SK-F485C offers a seamless conversion from panel SBUS connection to fiber and back again.

INSTALLATION

The SK-F485C can be mounted using the standoffs on the board in the cabinet of a compatible FACP. The 5815RMK remote mounting kit can also be used allowing up to two SK-F485C converter modules in a single cabinet.

COMPATIBILITY

The SK-F485C is compatible with the following Honeywell Silent Knight FACPs:

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.
5895XL: Intelligent Power Module
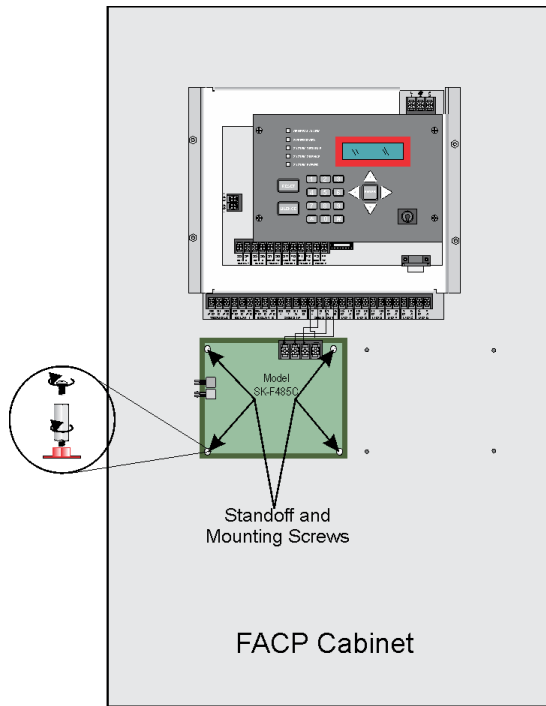**5496:** Intelligent Power Module
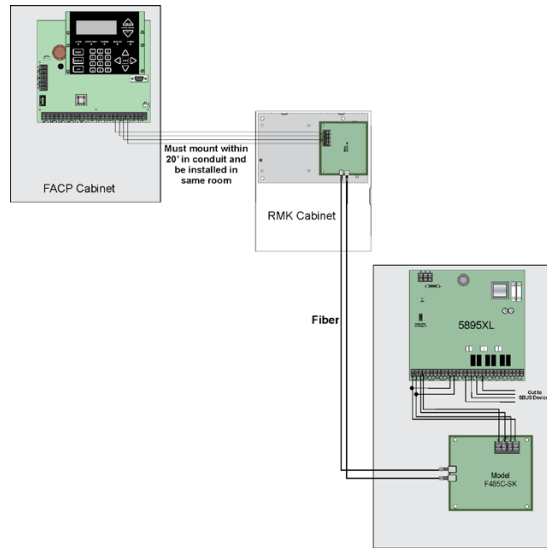

SK-F485C

FEATURES & BENEFITS

- Fiber connection duplex ST connectors for Tx and Rx data fiber cable duplex is 62.5 micron. Multimode fiber data rate 115.2K bits/second

- Maximum attenuation 5.5db

- Fiber distance Up to 1.0 mile (1.6Km) SK-F485C connection (two-wire) or terminal strip, and jumper selectable bias / termination

- SK-F485C Data Direction Control Automatic half duplex transmitter enable control, for any baud rate / data bits

SK-F485C Technical Specifications

SK-F485C MOUNTING IN FACP CABINET

CONNECTING FIBER TO PANEL TO POWER SUPPLY

PHYSICAL

Dimensions: 4.75"W x 4.25"H x 1.0"D

ENVIRONMENTAL

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

ELECTRICAL

External Power Supply: 9 - 35VDC @ 125mA max.

ORDERING INFORMATION

SK-F485C: Copper to Fiber Converter

ACCESSORIES

5815RMK: Remote Mounting Kit 10.2" H x 10.4" W x 3" D. Cabinet holds up to two SK-486C. Red

WIRING

Follow the table for wiring the SK-F485C to a compatible FACP.

SK-F485C TERMINALS	FACP SBUS OUT TERMINALS
+	+
−	−
A	A
B	B

For more information

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

Honeywell Security & Fire

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

Honeywell

SILENT KNIGHT