



**SILENT
KNIGHT**

by Honeywell

SK-F485C

SBUS Wire to Fiber Converter

The SK-F485C is a module used in pairs to convert the Silent Knight IntelliKnight SBUS from wire to fiber and back again. The SK-F485C provides a solution to the high risk of lightning damage due to earth ground differential between buildings.

For more information about the fiber to SBUS converter, or to locate you nearest source, please call 800-328-0103.

Description

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

Features

- Eliminate earth ground differential caused when copper is run between buildings significantly reducing lightning damage.
- Fiber distance up to 1.0 mile (1.5 km)
- Distributed intelligence allows multiple buildings to be protected by one FACP.
- UL 864 Listed
- CSFM Listed

Fiber

- Duplex st connectors for the TX and RX
- 62.5 microns
- Multimode
- Data rate 115.2K bite/second
- Maximum attenuation 5.5db

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 FACPs:

- 5700 and SBUS Accessories
- 5808 and SBUS Accessories
- 5820XL-EVS and SBUS Accessories (SBUS not VBUS)
- 5820XL and SBUS Accessories
- 5496 and SBUS Accessories
- 5895XL and SBUS Accessories



SK-F485C

Specifications

Electrical

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

Environmental

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

Physical

- Dimensions: 4.75" x 4.25" x 1.0"

Ordering Information

SK-F485C Copper to Fiber Converter

Accessories

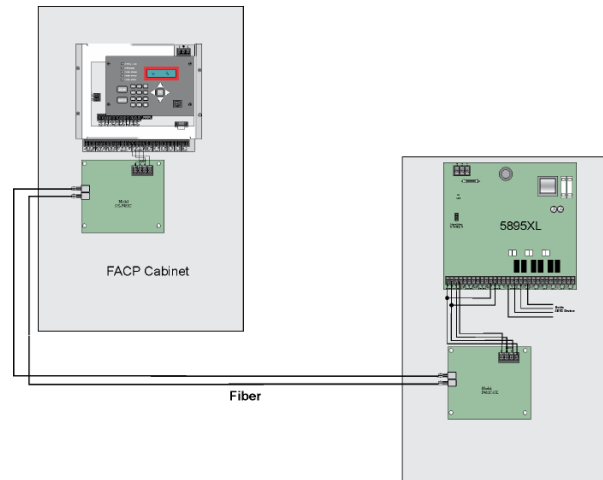
5815RMK Remote Mounting Kit

Model SK-F485C SBUS Wire to Fiber Converter

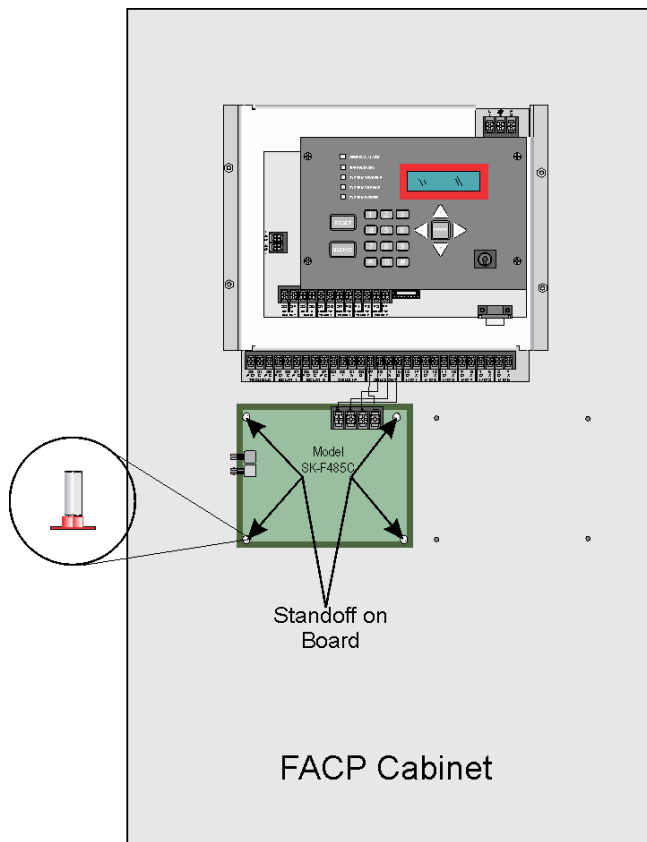
Wiring

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

SK-F485C Terminals	FACP SBUS Out Terminals
+	+
-	-
A	A
B	B



Connecting Fiber from Panel to Power Supply



SK-F485C Mounting in FACP cabinet



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. For more information, contact Silent Knight 12 Clintonville Road, Northford, CT 06472-1610 Phone: (800) 328-0103, Fax: (203)484-7118. For Technical Support, Please call 800-446-6444. www.silentknight.com

Assembled in America

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