

# SK-F485C

## Fiber to SBUS Converter

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

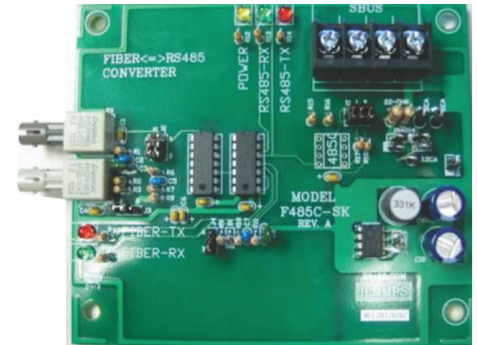
### COMPATIBILITY

The SK-F485C Fiber to SBUS Converter is compatible with the following FACP's:

- IFP-2100, IFP-2100B
- IFP-2100ECS, IFP-2100ECSB
- IFP-2100ECSHV, IFP-2100ECSHVB
- IFP-2100HV, IFP-2100HVB
- RFP-2100, RFP-2100B
- RFP-2100HV, RFP-2100HVB
- IFP-2000, IFP-2000ECS
- IFP-1000, IFP-1000ECS
- IFP-300, IFP-300B,
- IFP-300ECS, IFP-300ECSB
- IFP-100, IFP-100ECS
- IFP-75, IFP-75B
- IFP-75HV, IFP-75HVB
- IFP-50

The SK-F485C Fiber to SBUS Converter is compatible with the following power modules:

- 5496
- RPS-1000, RPS-1000B
- RPS-1000HV
- RPS-2000
- RPS-2000HV



## FEATURES AND BENEFITS

- UL listed. Complies with UL 864, 10th Edition; UL 2572, 2nd Edition,
- Easily mounted within the FACP cabinet or in a remote cabinet
- 62.5 micron fiber connection duplex straight tip (ST) connectors for transmit (TX) and receive (RX)
- Multimode fiber data rate is 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

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# SK-F485C TECHNICAL SPECIFICATIONS

## PHYSICAL

### Dimensions:

4.25" H x 4.75" W x 1" D  
(10.8 cm x 12.1 cm x 2.54 cm)

## ENVIRONMENTAL

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

**Humidity:** 10% to 93% relative humidity  
(noncondensing)

## ELECTRICAL

**External Power Supply:** 9 - 35 VDC @ 125  
mA maximum

## ORDERING INFORMATION

**SK-F485C:** Fiber to SBUS Converter

## ACCESSORIES

**5815RMK:** Remote Mounting Kit. The  
10.2" H x 10.4" W x 3" D (25.9 cm x 26.4 cm x  
7.6 cm) cabinet holds up to two SK-F485C  
modules. Red

## STANDARDS AND CODES

The SK-F485C complies with the following  
standards/codes:

- UL 864, 10th Edition: Standard for Control  
Units for Fire Alarm Systems
- UL 2572, 2nd Edition: Standard for Mass  
Notification Systems

## AGENCY LISTINGS AND APPROVALS

- UL Listed: S3511
- FDNY: COA # 6122

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Country of origin: U.S.A.

### Honeywell Fire Solutions

12 Clintonville Road  
Northford, CT 06472-1610  
203.484.7161  
www.farenhyt.com

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