

## Features

- Allows RS-485 (P-Link) circuit to be converted to/from fiber optic cable
- Class B or Class A operation
- Uses 62.5/125 micron multi-mode fiber optic cable; tolerates up to 12 db of signal loss (wave length 820 nm)
- Mounts with included stacker bracket
- Mounts in panel, accessory cabinet or PSN-1000/E Power Supply
- Optional FIB-1000RM 19-inch rack mount model available
- Maximum of 30 FIB-1000s per panel
- Product includes a 5 year warranty
- UUKL Listed for Smoke Control



FIB-1000 Fiber Interface Bridge



FIB-1000RM Fiber Interface Bridge Rack Mount



7305-0328:0200 UOXX.S2930

## Description

The FIB-1000 Fiber Interface Bridge allows the RS-485 P-Link bus to be converted into or from the fiber optic cable. It is fully supervised and is capable of both Class B and Class A operation. The FIB-1000RM includes a 19-inch rack-mount kit for installation in an equipment rack. Each card is mounted to the exclusive Stacker Bracket for secure and accessible mounting.

## Installation

The FIB-1000 is connected to the control panel using a four wire RS-485 (P-Link) connection. This connection is power limited and supervised. The FIB-1000 can be installed in the AE-2, AE-8, and AE-14 Accessory Enclosures. The FIB-1000 can also be installed inside the PSN-100E Intelligent Power Supply and larger control panel enclosures that include space for mounting stacker bracket modules. The FIB-1000RM may be installed directly in an equipment rack.

## Technical Specifications

|                         |   |
|-------------------------|---|
| P-Link Current (24 VDC) | 30 mA (Alarm)   |
|                         | 30 mA (Standby)   |
| Signal Loss Tolerance   | 12 db (wave length 820 nm)  |
| Fiber Type              | 62.25/125 micron  |
| Fiber Connector Type    | ST connectors   |
| Compatible Panels       | IPA Series<br>AFC/ARC Series<br>PFC-4064<br>P-Series*<br>PFC-6000 Addressable Series* |

\*Legacy Product

## Ordering Information

| Model       | Description                       | Stock No. |
|-------------|-----------------------------------|-----------|
| FIB-1000    | Fiber Interface Bridge            | 3992671   |
| FIB-1000 RM | Fiber Interface Bridge Rack Mount | 3992674   |