POTTER
The Symbol of Protection

FIB-1000
FIBER INTERFACE BRIDGE

SIGNALING
UL LISTED

Stock No.   FIB-1000   3992671
             FIB-1000 RM   3992674

Product includes a 5 year warranty

Features

- Allows standard 4-wire P-Link bus 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 available
- Maximum of 31 FIB-1000s per panel
- Provides P-Link wire length of 6,500 feet
- Compatible with PFC-6000 Series and Potter Plus Panels

Electrical Specs

P-Link Current (24 VDC):
- 30 mA Alarm current
- 30 mA Standby current

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-1000 may be mounted in either the control panel cabinet, the intelligent power supply/P-Link repeat, the PSN-1000/E, the AE-8 or AE-14 accessory enclosure. 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 PFC-6000 and Potter Plus series panels using a four wire RS-485 connection. This connection is power limited and supervised. The FIB-1000 can be installed in the AE-8 Accessory Enclosure, the AE-14 Accessory Enclosure, inside the large PFC-6000 and Potter Plus series enclosure using the supplied bracket. The FIB-1000 may be installed directly in an equipment rack by using the FIB-1000RM rack mount enclosure.

FIB-1000 Fiber Interface Bridge Installed in a FIB-10000RM Rack Mount