

**(4) 10/100 Base-TX & (2) 1000 Base X Ethernet Switch,
(4) Contacts In/Out, (2) Probe Ports, (1) Serial Port**
FEATURES:

- (4) 10/100 Base-TX Ports with 802.3af PoE (15 watts per port)
- Auto MDI / MDIX Detection
- Auto Negotiation on the 10/100/ Base TX Ports
- (2) SFP Pluggable Ports
- Link and Activity Indicators for UTP and Fiber Ports
- (4) Contacts In/Out
- (2) AFI Probe Ports
- Self Managed Switch
- Module Package

SPECIFICATIONS:
Ethernet:

Data Rate

Auto negotiated10/100 Mb/s

Connector RJ45

PoE (4 RJ45 ports) 802.3af

Serial Port:

Data RS232

Connector Male DB9

AFI USB Probe Ports:

 Supports 2 Environmental Monitoring Probes
 P-TAH.....(Temperature/Airflow/Humidity)
 P-VFP.....(Voltage, Frequency, Power)

Alarm In: (4 channels)

(Software selectable):

N.O. or N.C., Unsupervised or Supervised

Auxiliary Output: (4 channels)

Relay Type Form C

Max Current 1.0 A

Max Voltage30VDC/1A

.....65VDC/0.46A

.....150VAC/0.46A

Power:

48 Vdc Input:

10W plus PoE sourced power

Connector 2 Pin Terminal Block

Recommended Power Supplies:

PS-48D 30 Watts 0 to 50°C

PS-4830 30 Watts -40 to 75°C

PS-4860 60 Watts -40 to 75°C

PS-48120 120 Watts -40 to 75°C

Environmental:

Temperature -40°C to +75 °C

Humidity 5 % to 95 %

Size:

 Module7 5/8" x 5 1/2" x 1 1/8"
 4/1/13 JPK


The American Fibertek CX-6p-PoE Series transmits and receives (4) copper 10/100 Base-TX Ethernet signals at the RJ45 ports and (2) 1000 Base-X over copper or fiber using SFP ports.

The CX-6p-PoE Series also sources power to devices from the RJ45 ports over the copper connection. All 4 RJ45 ports may be used to deliver dc power (802.3af 15 watts) to devices. The unit is powered from a 48Vdc power supply (sold separately).

The system is designed to be completely transparent with auto negotiation features which automatically configures the unit for the correct speed (10/100 Base-TX). Auto MDI/MDIX operation eliminates the potential need for crossover cables. Diagnostic indicators provide a quick visual indication of system status.

Several other I/Os are available including four contact input/output channels, 2 AFI USB probe ports (supports environmental monitoring), and an RS 232 channel (for setup and configuration).

Available probes (ordered separately) include the P-TAH and the P-VFP. The P-TAH monitors temperature, airflow, and humidity. The P-VFP monitors line voltage, frequency, and power.

Also included is the afi Watchdog Ping system that can detect when devices fail to respond over the network. Upon loss of ping an auxiliary contact may be cycled or PoE power to a specified port may be cycled to restore a locked up network device to normal operation.

ORDERING INFORMATION:

CX-6p-PoE

(Order SFP modules, power supply, and probes separately)