

Two Channel Bi-directional Contact Closure System

FEATURES:

- ◆ Normally Open Contact
- ◆ LED Indicators for Contact Tx, Contact Rx and Optical Level
- ◆ Low Profile Module
- ◆ Singlemode Version Available

SPECIFICATIONS:

CONTACT: 2 Channels

Contact Output Closure Rating

- 0.5 A Max.

-100 Volt DC or Peak AC

Response Time.....2 ms

Connector.....5 Pin Terminal Block

OPTICAL:

Wavelength:..... 1310/1550 nm

Source: Laser

Loss Budget (62/125u)..... 15 dB

Connector:.....SC/ST

POWER:

Voltage 12 VDC

Current..... 200 mA

Connector.....2 Pin Terminal Block

POWER SUPPLY:

Module 12VDC... (AFI Part #: PS-12)

Rack Card.....(AFI Part #: SR-20/2)

PHYSICAL:

Temperature.....-40 °C to 75 °C

Humidity.....5 % to 95 %

SIZE:

Module.....8^{1/8}" x 4^{1/8}" x 1^{1/8}"

Rack Card - One Slot.... 6^{1/2}" x 5" x 1"



The American Fibertek 499 Series simultaneously transmits and receives two contact channels over one or two multimode optical fibers. The system is comprised of two transceivers forming a point-to-point communications link. For ease of installation, diagnostic indicators provide a quick visual indication of system status.

Equipment may be ordered as stand alone modules or rack cards that are mounted in the American Fibertek Card Cages; SR-20/2 or SR-20H/2 (with redundancy).

ORDERING INFORMATION:

MTX-499 = One Fiber Module Multimode SC Connectors 1310nm Tx
 MRX-499 = One Fiber Module Multimode SC Connectors 1550nm Tx
 RTX-499 = One Fiber Rack Card Multimode SC Connectors 1310nm Tx
 RRX-499 = One Fiber Rack Card Multimode SC Connectors 1550nm Tx

MX-499 = Two Fiber Module Multimode SC Connectors 1310nm Tx
 RX-499 = Two Fiber Rack Card Multimode SC Connectors 1310nm Tx

To order units with ST Connectors :
 Add -ST to the part number such as MTX-499-ST