



Two Channel Bi-directional Contact Closure System

FEATURES:

- ◆ Normally Open Contact
- ◆ LED Indicators for Contact Tx, Contact Rx and Optical Level
- ◆ Low Profile Module
- ◆ Multimode 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 (9/125u)..... 18 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 499SL Series simultaneously transmits and receives two contact channels over one or two singlemode 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-499SL = One Fiber Module Singlemode SC Connectors 1310nm Tx
 MRX-499SL = One Fiber Module Singlemode SC Connectors 1550nm Tx
 RTX-499SL = One Fiber Rack Card Singlemode SC Connectors 1310nm Tx
 RRX-499SL = One Fiber Rack Card Singlemode SC Connectors 1550nm Tx

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

To order units with ST Connectors :

Add -ST to the part number such as MTX-499SL-ST