

Single 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:

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
Connector2 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.....4¼" x 4¼" x 1⅛"
Rack Card - One Slot.... 6½" x 5" x 1"



The American Fibertek 489SL Series simultaneously transmits and receives one contact channel over one singlemode optical fiber. 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-489SL = One Fiber Module Singlemode SC Connectors 1310nm Tx
MRX-489SL = One Fiber Module Singlemode SC Connectors 1550nm Tx
RTX-489SL = One Fiber Rack Card Singlemode SC Connectors 1310nm Tx
RRX-489SL = One Fiber Rack Card Singlemode SC Connectors 1550nm Tx

To order units with ST Connectors :
Add -ST to the part number such as MTX-489SL-ST