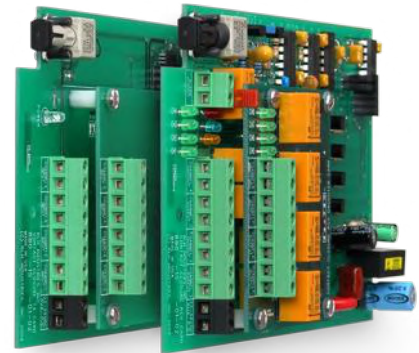


## 8 Channel Contact Closure Fiber Link Card System

The 8 Channel Contact Closure Fiber Link system provides a transmission of up to eight independent contact closure signals over one optical fiber. A complete system requires 2 cards, a transmitter card and a receiver card.

This hardened, rugged system is designed to be installed into any of the RLH card shelf housings and is covered by our **Limited Lifetime Warranty**.



8 Channel Contact Closure Card System

### Key Features

#### Environment

Hardened to operate in -40°F to +158°F (-40°C to +70°C)

#### Power

24-56VDC local power source for each card  
DC power is not polarity sensitive

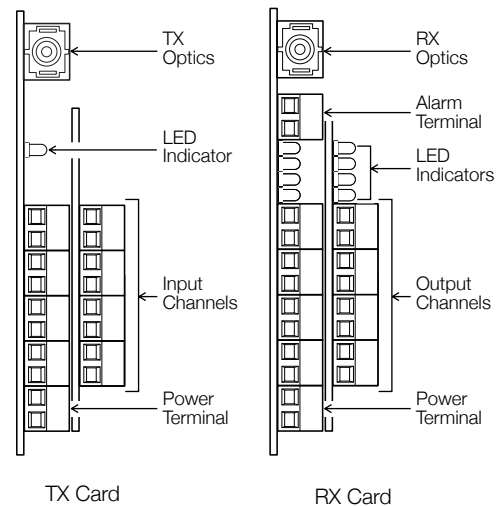
#### Application

Available with ST or SC connectors for single or multi-mode fiber  
RX side includes alarm contact for status monitoring  
Convenient LED status indicators  
Critical, high voltage, remote or un-manned locations operating 24/7/365

#### Quality

##### Made in the USA

Covered by our **Limited Lifetime Warranty**



Front Panel Features

## Ordering Information

Optics	Description	Distance	Fiber	Part Number
Multimode ST	TX Card	2km / 1.2 mi	62.5 μm	<b>8C4-M2STT-01</b>
	RX Card	2km / 1.2 mi	62.5 μm	<b>8C4-M2STR-01</b>
Single-mode ST	TX Card	15km / 9 mi.	8~9 μm	<b>8C4-S3STT-01</b>
	TX Card	48km / 29 mi.	8~9 μm	<b>8C4-S4STT-01</b>
	RX Card	15km / 9 mi. & 48km / 29 mi.	8~9 μm	<b>8C4-S3STR-01</b>
Single-mode SC	TX Card	15km / 9 mi.	8~9 μm	<b>8C4-S3SCT-01</b>
	TX Card	48km / 29 mi.	8~9 μm	<b>8C4-S4SCT-01</b>
	RX Card	15km / 9 mi. & 48km / 29 mi.	8~9 μm	<b>8C4-S3SCR-01</b>

- ▶ A complete system requires 1 **TX** unit and 1 **RX** unit
- ▶ Please contact your RLH sales representative for pricing and delivery information

## General Specifications

<b>Transmission method</b>	Amplitude modulated light via two optical fibers Multimode: 850nm Single-mode: 1310nm Single-mode Long Haul: 1310nm
<b>Maximum Fiber Attenuation / Distance*</b>	Multimode: 6dB / 1.2 miles (2km) Single-mode: 8dB / 9 miles (15km) Single-mode Long Haul: 24dB* / 29 mi. (48 km), min. required loss *-8dB *Note: Distances equated using industry standard fiber and connector attenuation of 3dB/Km. Fiber condition, splices and connectors may affect actual range.
<b>Fiber Type</b>	ST or SC connectors Multimode: 62.5/125μm Single-mode: 8-9/125μm
<b>Wire Connector</b>	Screw clamp terminal block, 16 ~ 26 AWG
<b>Input 1-8 (TX Card)</b>	Dry contact closure relay
<b>Output 1-8 (RX Card)</b>	Normally Open Relay
<b>Alarm Output (RX Card)</b>	Normally Open/Closed Relay
<b>Relay Maximum Rating</b>	115VAC 0.6A, 110VDC 0.6A, 30VDC 2A
<b>Response Time</b>	10ms
<b>Surge Protection</b>	PTC thermistors, zener diodes and varistors
<b>Power Requirements</b>	TX Card: 24-56VDC, 15mA minimum RX Card: 24-56VDC, 65mA minimum
<b>Powering Method</b>	Local DC power source
<b>Operating Temperature</b>	-40° to +158° F (-40° to +70° C), 95% non-condensing
<b>Dimensions</b>	Standard RLH Fiber Link Card, L7" x W4"x H1.24"
<b>Warranty</b>	Limited Lifetime <i>Visit <a href="http://www.fiberopticlink.com">www.fiberopticlink.com</a> for warranty details</i>