

FIBER OPTIC 8Ch Contact Closure Link

PRODUCT SPECIFICATION EL – 4R2202 T/RX SERIES



RELAY



FCC



DESCRIPTION

본 Contacts System 의 단방향 데이터(N.O and N.C) 4채널을 광케이블 1core로 전송하는 장비이다.

송, 수신부에서는 접점 입출력 표시용 LED가 부착 되어 별도의 장비 없이 시각적으로 데이터, 접점 통신여부를 확인 할 수 있다.

APPLICATION

- .CCTV, ITV and traffic control System
- .CATV System
- .Security System
- .Process control and monitoring System

FEATURES

- 고품질의 접점 전송
- 10 bit Digital link
- 광통신의 광학적 특성을 이용한 장거리 무 중계 전송
(최대 전송가능거리 60Km)
- AC 110V / 220V 겸용
- 전자파, K 마크, 벤처기업, 이노비즈, GS 인증

ORDERING INFORMATION

	PART NUMBER	DESCRIPTION	OPTICAL PWR BUDGET	MAX DISTANCE (Option)
SINGLE-MODE 9/125um	EL-4R2202 TX	4ch Contact Closure Transmitter	7dB	20Km
	EL-4R2202 RX	4ch Contact Closure Receiver		
	EL-4R2402 TX	4ch Contact Closure Transmitter	14dB	40Km
	EL-4R2402 RX	4ch Contact Closure Receiver		
	EL-4R2602 TX	4ch Contact Closure Transmitter	20dB	60Km
	EL-4R2602 RX	4ch Contact Closure Receiver		

DIGITAL 4Ch Contact Closure LINK

EL -4R2202 TX / RX SERIES

SPECIFICATIONS

RELAY

Contact Interface:	Response Time: 0.5 msec
Input :	Dry Contact closure
Output :	SPST Relay, 0.5A Contact rating N.O or N.C
RELAY Channel :	4CH
Operating Mode:	Simplex

WAVELENGTH 1310/1550nm

OPTICAL EMITTER Laser Diode

NUMBER OF FIBER 1Core

LED INDICATORS

- .Relay Transmitted Data
- . Relay Received Data

CONNECTORS

Relay:	RJ-45
Optical:	SC Connector

ELECTRICAL & MECHANICAL

Power:	12 VDC @ 1.2A
Surface Mount:	From Rack
Number of Rack Slots:	12
Current Protection:	Automatic Resettable Solid-State Current limiters

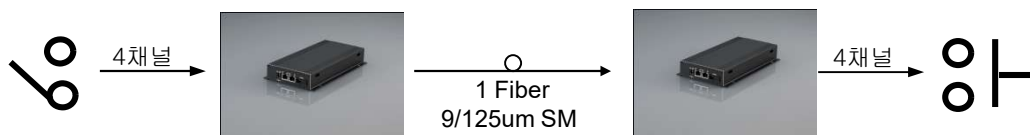
Size(WxHxD)

Module Type	123 x 35 x 220mm
3u Card Type	25 x 128 x 224mm
1u Rack Mount	483 x 44 x 300mm
3u Rack Mount:	483 x 132 x 275mm

ENVIRONMENTAL

MTBF:	> 100,000 hours
Operating Temp:	-5°C to +70°C
Storage Temp:	-25°C to +80°C
Relative Humidity:	5% to 90% (non-condensing)

SYSTEM DESIGN



경기도 수원시 권선구 산업로 155번길 234, 2동 4층
Tel : 031) 257 - 7157 Fax : 031) 257 - 7159
E-mail : elimopt@elimopt.co.kr