1~4channel dry contact fiber modem

CLR-4DC-TR USER MANUAL

This dry contact fiber modem could offer 1~4 channel one way dry contact 2 channel two way dry contact transmit over Fiber.

PRODUCT CHARACTERISTIC

- ✧ Based on the integrated circuit intellectual property rights;
- ✧ Every channel has on or off LED
- ✧ The input switch normally open and close automatically, when the input state, switch output that is why state, convenient opening;
- ✧ The switch quantity of other switch state stability in the boot state or fiber no access, no chaos motion state;
- ✧ Provide 1~4 channel one way dry contact or 2 channel two way;
- ✧ A switch interface lightning reaches IEC61000-4-5 (8/20 μ S) differential mode: 6KV, impedance (2); common mode: 6KV, impedance (2) standard;
- ✧ The optional AC 220V, DC -48V, DC +24V, DC power supply positive and negative pole points (this device supports only DC +5V supply).

Port feature

Fiber Interface

Optical interface: SC/FC
Optical core: single fiber
Optical Wavelenth: 1310 nm/1550nm
Sending consumption: -8dBm/-14dBm
Receiving and dispatching module:>-6dBm
Optical receiver receiving sensitivity: <-33 (BER<10 -10):
Dynamic range receiving: >-30dB
Optical code:NRZ
Transmit distance: single-mode with 20KM.Multi-mode with 2km

Dry contact

Response time: <2ms
Delay time: 0.5ms
Switch signal: 30VDC/0.5A
Connector: RJ45
Frequency response: 20HZ/S

Power supply

DC5V
Power Consumption: <=3 Watts

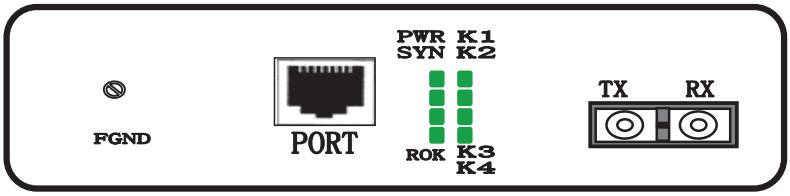
Environment condition

Operating temperature: 0C~+50 C
Storage temperature: -20 C~+70 C
Relative temperature:95% (uncondensed)

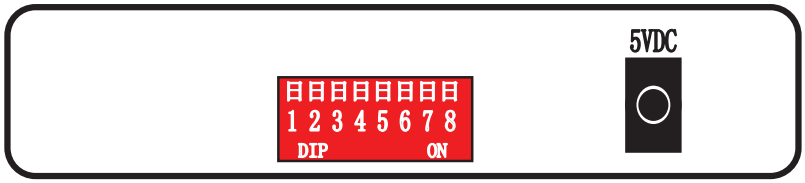
Dimension

103mm(L)x93mm(W)x 28mm(H)

Panel



Front panel



Back panel

LED

NAME	COLOUR	STATUS	DISCRIPTION
	8LED in all		
PWR	green	on	Power ok
		off	Not connect power
SYN	green	on	Fiber signal ok
		off	Fiber signal loss
ROK	green	on	Remote device connected
K1-4	Green	On	1-4channel dry contact connect
		on	1-4channel dry contact cut

DIP SWITCH

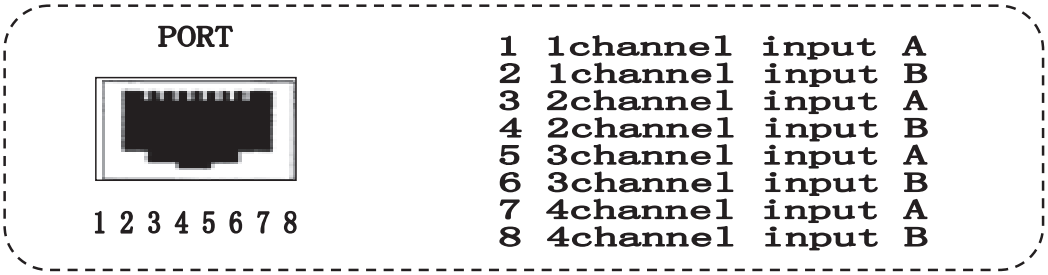
DIP1-8：NO FUNCTION

FIBER PORT

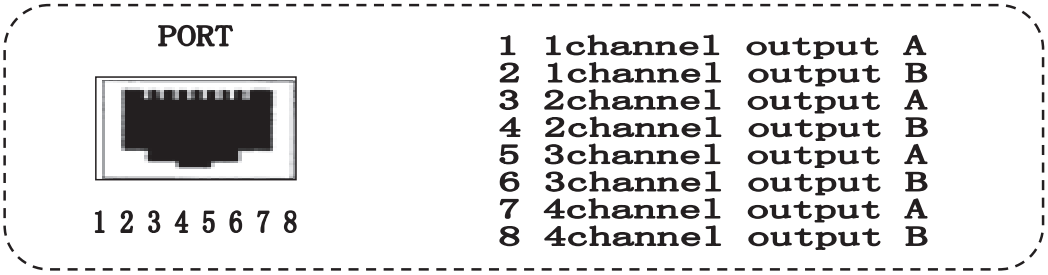
FC or SC for option　TX :fiber transmit port　　RX: fiber receive port

PINS

transmitter



Receiver



Application