

COMMUNICATION CONVERTER



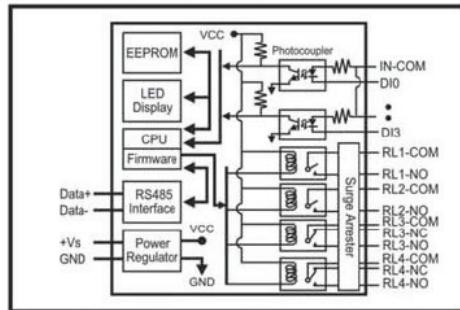
TRP-C28

4-channel isolated digital input and 4-channel power relay output RS485 module, Support ASCII and Modbus Protocol.

Specifications

- ◆ Input channel: 4 digital input channels.
- ◆ Input optical isolation: 3750Vrms.
- ◆ Input logical level 0: +1V (max).
- ◆ Input logical level 1: +4.0V ~ +30V.
- ◆ Communication interface: RS485.
- ◆ Communication speed: Baud rate from 1.2Kbps to 115.2Kbps.
- ◆ Input impedance: 3KΩ.
- ◆ Inputs can be used as counter channel: 4.
- ◆ Counter frequency: 100Hz.
- ◆ Output channel: 4 channels power reply outputs.
- ◆ Relay type: 2 Form A (RL1,RL2) , 2 Form C (RL3,RL4).
- ◆ Contact rating: 5A/30V DC , 5A/120V AC , 5A/250V AC.
- ◆ Relay surge strength: 4000V.
- ◆ Relay operating time: 3mS.
- ◆ Relay operating life: 2 X 10⁷.
- ◆ Dual watchdog: Hardware reset circuit module and host operating status.
- ◆ Signal LED: Power on, all channels.
- ◆ Connection type: Screw terminal, accepts AWG #12~30 wire.
- ◆ Power supply: Screw terminal, or external DC adapter.
- ◆ Power consumption: 2.7W.
- ◆ Operating environment: -20 to 65°C.
- ◆ Storage temperature: -20 to 65°C.
- ◆ Humidity: 10-90% Non-condensing.
- ◆ Dimension: 151mm X 75mm X 26mm.
- ◆ Weight: 400g.

Block Diagram



Application Note

