

Ci-CC200 ControlNet Signal Converter



- Provide 2 ControlNet bus interface, communication rate up to 5Mbps
- 2 Ports isolation function, support star link and extend the ControlNet Fieldbus transmission distance
- Provide 3 LED status indicators
- DC (18~36V) dual redundant power input (can be customized with 9~18VDC), With DC1500V voltage isolation and reverse connect protection
- IP40 protection, Metal case (wave grain aluminum reinforce case option), 35mmDIN-Rail Installation
- Operating Temperature: -40°C to 75°C suitable to various Industrial work situation

Summary

This product is an industrial grade ControlNet Fieldbus Isolator, conforms to the ControlNet protocol, the communication rate 5Mbps, 2 Road bus interface data forwards, the electrical signal isolates and provides the star link to the cable system. This product features with industrial grade design, IP40 protection grade, wavy aluminum strengthening shell, 35mmDIN rail installation, DC (18~36V) wide power input (9~18VDC power model customizable), with relay alarm output, power supply redundancy and isolation protection etc.. -40~75 working temperature range, can meet the requirements of a variety of industrial sites.

Specification

Bus data interface

- Interface type: BNC-F
- Support ControlNet bus standard, Baud Rates: 5Mbps
- constant voltage 1000V
- Resistor: without terminal resistor, connect external when necessary.

Power

- DC (18~36V) dual redundant power input (can be customized with 9~18VDC), industrial standard voltage DC24V, consumption is less than 1.5W, With DC1500V voltage isolation and reverse connect protection, adopt 5 cores 5.08mm industrial terminal port (please use industrial standard power, otherwise it will occur unit error or damage).

Protection

- Relay: Fieldbus ports error Relay alarm output

- Contact rating: 1A @24V DC, Industrial Terminal port

Mechanical

- Dimensions (HxDxW): 136mmx104.8mmx52.8mm
- Weight: 800g
- Casing: IP40 protection, wave grain aluminum reinforce case option
- Installation: Wall mounting or DIN rail mounting

Environmental

- Operating Temperature: -40 °C ~75 °C (-40 °C ~85 °C optional)
- Storage Temperature: -40°C~85°C
- Ambient Relative Humidity: 5%~95%(non-condensing)

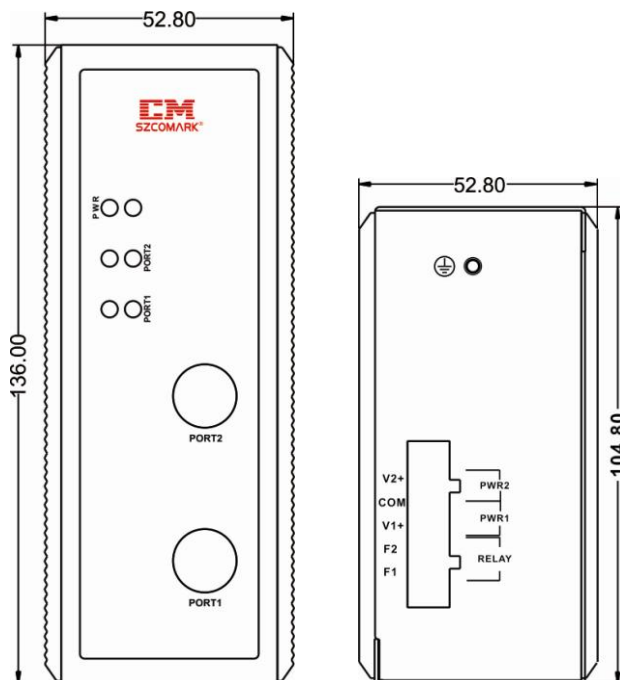
Warranty

- Warranty Period: 5 years

Certification

- IEC61000-4-2(ESD): Power ±6KV Contact, ±15KV Air; Relay ±8KV Contact, ±15KV Air; Data Cable ±2KV Contact, ±15KV Air
- IEC61000-4-4(EFT): Power ±4KV, Data Cable ±4KV
- IEC61000-4-5(Surge): Power ±2KV CM/ ±1KV DM, Relay ±2KV CM/ ±1KV DM
- IEC60068-2-27(Shock)
- IEC60068-2-32(Free Fall)
- IEC61000-6-2(General Industrial Standard)
- EN50121-4 (rail transit)

Dimensions (mm)



Models

Part No.	Description
Ci-CC200	2 ControlNet bus port, communication rate up to 5Mbps, 9~18vdc power supply customizable.

Package List

- ControlNet signal converter (with industrial terminal block for power equipment)
- Product specification
- Product warranty card