

# Ci-SS200 General Serial Signal Converter



- Support 2 RS-485 bus, baudrate:0~2Mbps optional
- 2 Ports isolation function, support star link and extend the General Serial Fieldbus transmission distance
- Support electrical isolation, constant voltage 1000V and provide 4000V lightning protection function
- 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 RS-485 bus isolator, provide RS-485 serial port, support Modbus/MPI/PPI and other buses, communication rate 0~2Mbps Adaptive, 2-channel bus interface data forwarding, electrical signal isolation and cable system to provide a star link. 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

- DB9F interface
- Support for Modbus/MPI/PPI etc many Fieldbus based on RS-485 protocol
- RS-485 support A, B half-duplex mode , baudrate:0~2Mbps
- 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)

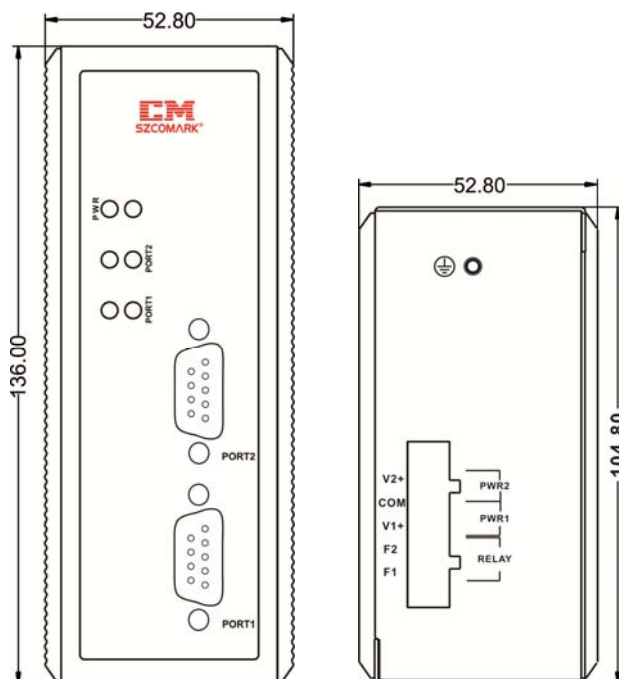
### Warranty

- Warranty Period: 5 years

## Certifications

- IEC61000-4-2(ESD): Power ±8KV Contact, ±15KV Air; Relay ±8KV Contact, ±15KV Air; Data Cable ±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-SS200	1 channel standard RS-485 port, baud rate 0~2Mbps optional, 18v~36VDC (9~18vdc Optional).

## Package List

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