Ci- SS21 RS-485 Bus Link Redundant Module

- Support 3 RS-485 bus, according to RS-485 Protocol
- Realizes the mutual conversion between single bus (M port) and dual redundant bus (A, B port)
- Support Dial switch for setting communication rate(all ports baud rate must be same)
- Support 3Chs photon coupled isolation ports, Isolated Voltage 1000V, and 4000V Anti-thunder protection
- Support 4 dual colors LED Indicator, Fieldbus ports error Relay alarm output
- DC (9~36V) dual redundant power input, With DC1500V voltage isolation and reverse connect protection
- IP40 protection, Metal case (wave grain aluminum reinforce case option), 35mmDIN-Rail Installation
- Operating Temperature: -40℃ to 75℃ suitable to various Industrial work situation

Summary

This series is designed for industrial grade RS-485 Link Redundant Module, Realizing the mutual conversion between single bus and double redundant bus, the single serial device can be accessed into redundant bus network. It has photon coupled isolation and Anti signal interference functions, Baud rate can be set via DIP. The product is Industrial grad designed, Casing: IP40 protection, wave grain aluminum reinforce case option, DIN rail mounting, DC(9~36V) power input, support Fieldbus ports error Relay alarm output, dual redundant power input and isolation protection. -40~75℃Operating Temperature, can meet various Industrial situation.

Specification

Bus data interface

- Interface type: standard 9 pin type D RS-485 fieldbus cable interface, conform to RS-485 protocol standard.
- Support RS-485 bus standard
- Baud Rates: 9.6Kbps、19.2Kbps、45.45Kbps、93.75Kbps、187.5Kbps、500Kbps
- Signal Delay (electrical interface): ≤4Bit
- Isolated voltage 1000V,4000V Anti-thunder protection
- Resistor: without terminal resistor, connect external when necessary

Power

- DC (9~36V) dual redundant power input, industrial standard voltage DC24V, consumption is less than 4W, 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 (H×D×W): 136mm×104.8mm×52.8mm
- Weight:800g
- Casing: IP40 protection, wave grain aluminum reinforce case option
- Installation: Wall mounting or DIN rail mounting

Environmental

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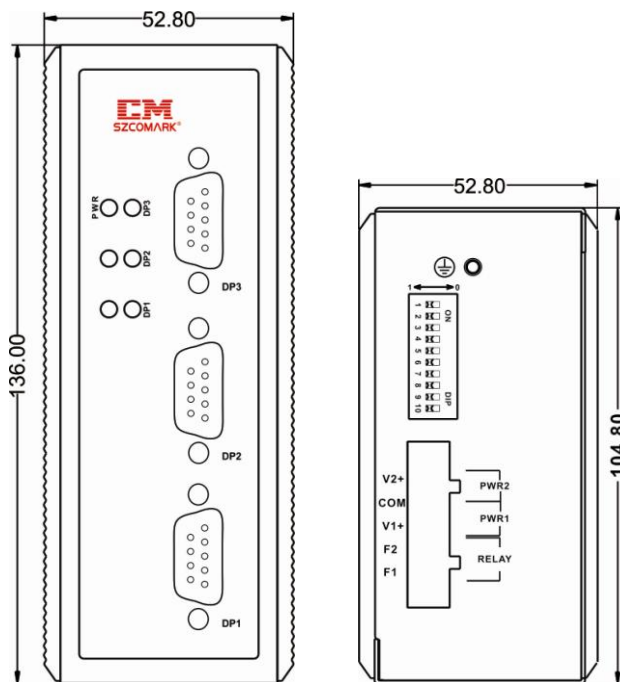- Ambient Relative Humidity: 5%~95%(non-condensing)

Warranty

- Warranty Period: 5 years

Certification

- IEC61000-4-2(ESD): Power ±2KV Contact, ±15KV Air; Relay ±2KV 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.	Product series	Description
Ci-SS21	3*copper	RS-485 bus link redundancy module, 1 M port (DP3), 2 redundant bus A (DP1), B (DP2) port, DIP switch setting rate.

Package List

- RS-485 Link Redundant Module(with industrial terminal block for power equipment)
- Product specification
- Product warranty card