

Ci-GG30 GE Genius Bus HUB Repeater



- Support 3 GE Genius bus, according to GE Genius Protocol
- 3 Ports HUB function, support star link and extend the GE Genius Fieldbus transmission distance
- 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 GE Genius HUB Repeater, support GE Genius protocol, Support 3 Chs Fieldbus serial ports data communication, Hub repeater and star link. It can extend the GE Genius Fieldbus transmission distance, change fieldbus diagram, at same time, it has photon coupled isolation and Anti signal interference functions, Baud rate can be set via DIP. The product is Industrial grade 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

- GE Genius Fieldbus SER1, SER2 industrial terminal wiring
- Support for GE Genius Fieldbus protocol
- Baud Rates: 38.4Kbps、76.8Kbps、153.6Kbps(default)
- Signal Delay (electrical interface): ≤6Bit
- 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 (HxDxW): 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)

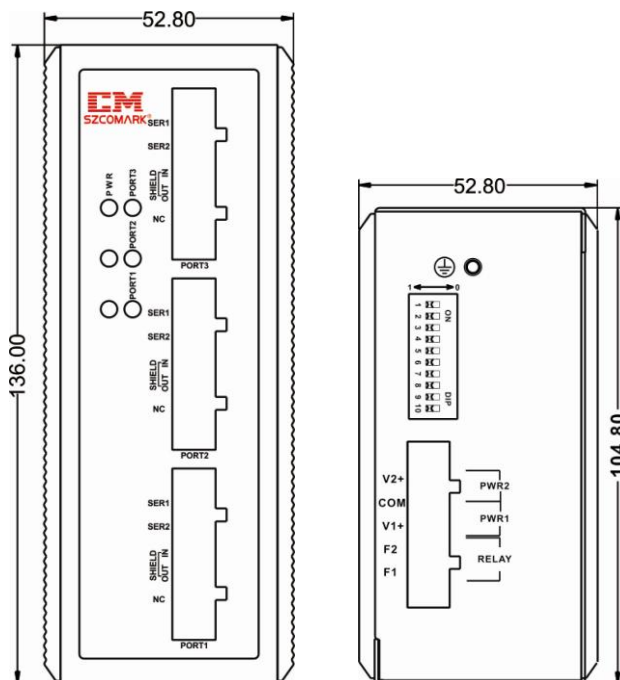
Warranty

- Warranty Period: 5 years

Certification

- IEC61000-4-2(ESD): Power ±2KV Contact, ±8KV Air; Relay ±2KV Contact, ±8KV Air; Data Cable ±4KV Air
- IEC61000-4-4(EFT):Power ±1KV, Data Cable ±1KV
- 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-GG30	3*copper	GE Genius HUB repeater, 3 Chs GE Genius Ports, communication rate default to 153.6Kbps, 38.4Kbps and 76.8Kbps optional.

Package List

- GE Genius HUB Repeater (with industrial terminal block for power equipment)
- Product specification
- Product warranty card