Manuals+ — User Manuals Simplified.

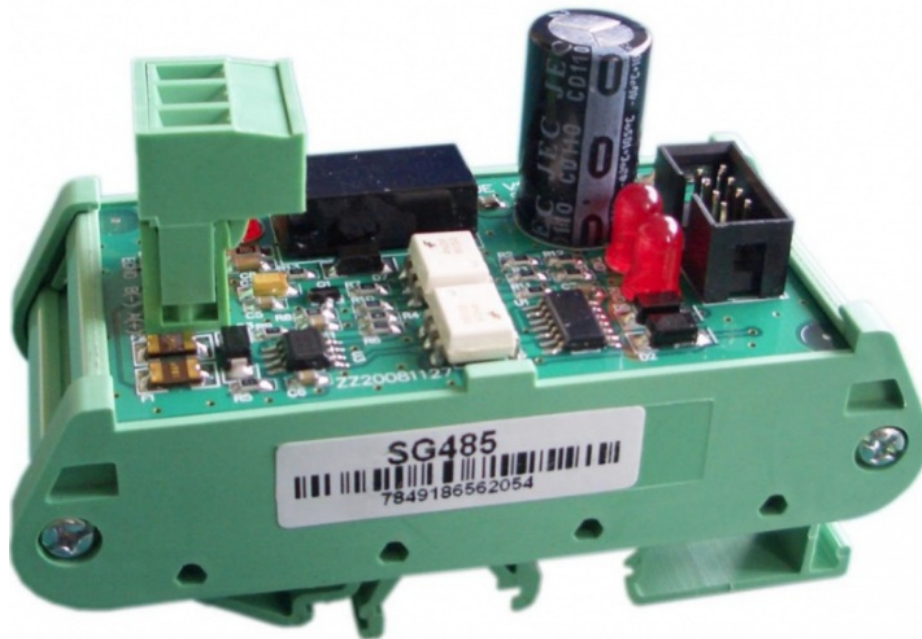# SmartGen SG485 Communication Interface Conversion Module User Manual

Contents

SmartGen SG485 Communication Interface Conversion Module

OVERVIEW

SG485 Communication Interface Conversion Module can convert the communication interface from LINK (SmartGen special) to isolated standard RS485. The module integrated DC/DC power isolation and RS485 interface chip which enable it to connect to RS-485 network.
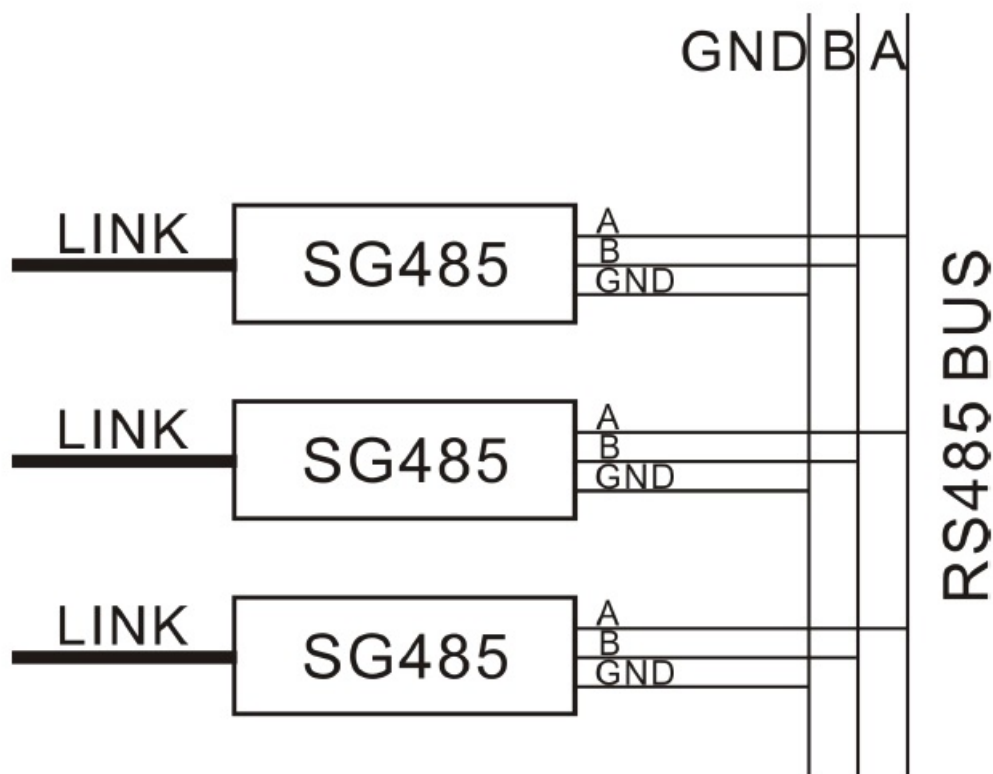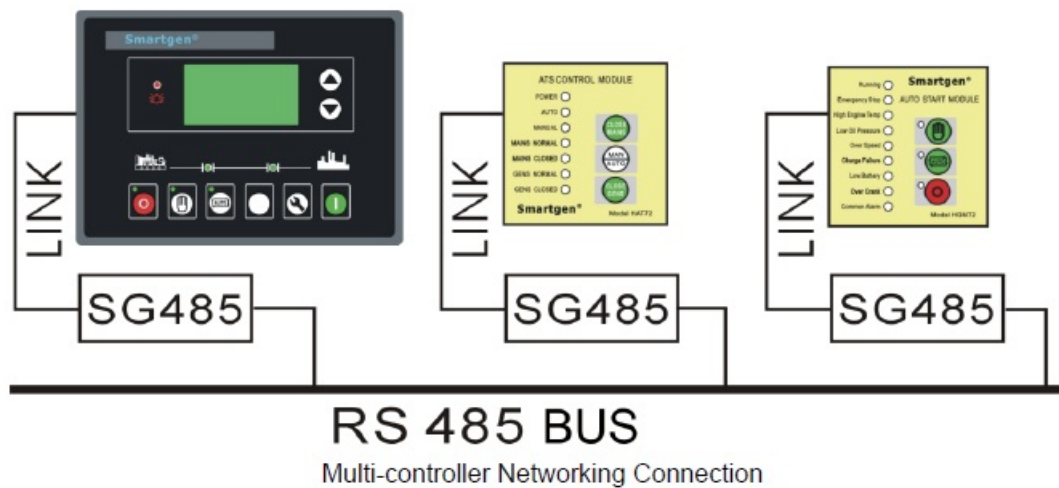
PRODUCT FEATURE

TECHNICAL PARAMETERS

- RS485 network can connect to maximum 32 nodes;
- Isolation Voltage: reach up to DC1000V;
- Power supplied by LINK interface and there is no need to connect to external power supply.
- Baud rate ≤ 9600bps
- Humidity: 20%~90%(No Condensation)
- Working Temperature: -40℃~+70℃
- Case Dimension: 91*42*61mm(L*W*H)
- Weight: 0.06kg.

INTERFACE AND INDICATORS

- **a)** RXD indicator: Receive data; It is flash when the module is receiving data from network.
- **b)** TXD indicator: Transmit data; It is flash when the module is transmitting data to network.
- **c)** POWER indicator: Power supply; Power supplied by LINK interface and there is no need to connect to external power supply.
- **d)** LINK interface: TTL level port; (SmartGen's special communication interface);
- **e)** RS485 interface: RS485 serial communication interface.

TYPICAL APPLICATION

Multi-controller Networking Connection

Please set each controller's communication address before networking and same module address within the same network is not allowed.

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Software Version:

Date	Version	Note
2008-12-05	1.0	Original release.
2013-09-05	1.1	Modify company's information.
2017-09-27	1.2	Update product picture.

Documents / Resources

SmartGen SG485 Communication Interface Conversion Module [pdf] User Manual
SG485 Communication Interface Conversion Module, SG485, SG485 Conversion Module, Communication Interface Conversion Module, Interface Conversion Module, Communication Conversion Module, Conversion Module, Communication Module, Module

References

- 众智____
- 众智____

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