



SmartGen SGUE485 Communication Interface Conversion Module User Manual

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SmartGen SGUE485 Communication Interface Conversion Module



OVERVIEW

SGUE485 Communication Interface Conversion Module can convert the communication interface from USB (SmartGen special) to isolated standard RS485. The module integrated RS485 interface chip which enable it to connect to RS-485 network.

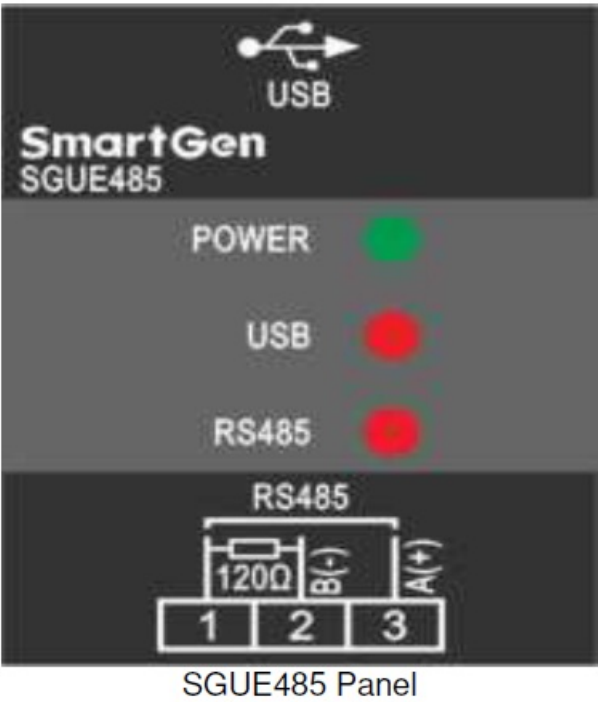
PRODUCT FEATURES

- RS485 network can connect to maximum 32 nodes;
- Isolation Voltage: reach up to DC1000V;
- 35mm DIN-Rail Mounting;
- Modular design with pluggable terminals, compact structure, and easy to installation.

TECHNICAL PARAMETERS

Item	Content
Operation Voltage	Controller USB port (5.0 V) continuous power supply
RS485 Port	Baud Rate 9600bps Stop Bit 1bit Parity Bit none
Case Dimension	89.7*35.6*60.7mm(L*W*H)
Working Condition	Temperature (-25~+70)°C Relative Humidity (20~93)%
Storage Condition	Temperature (-25~+70)°C
Weight	0.072kg

TERMINALS DESCRIPTION



Terminal	Function			Cable Size	Remark
1.	RS485	COM		0.5mm ²	Communicate with host controller's RS485 port, baud rate: 9600bps. When communication is normal, RS485 indicator flashes.
2.		B(-)			
3.		A(+)			
					The USB port, communicate with
					controller, is used for power supply
	USB	Communication power supply	and	USB Type B	and data changing between module and controller. POWER indicator is
					normally light and USB indicator
					flashes.

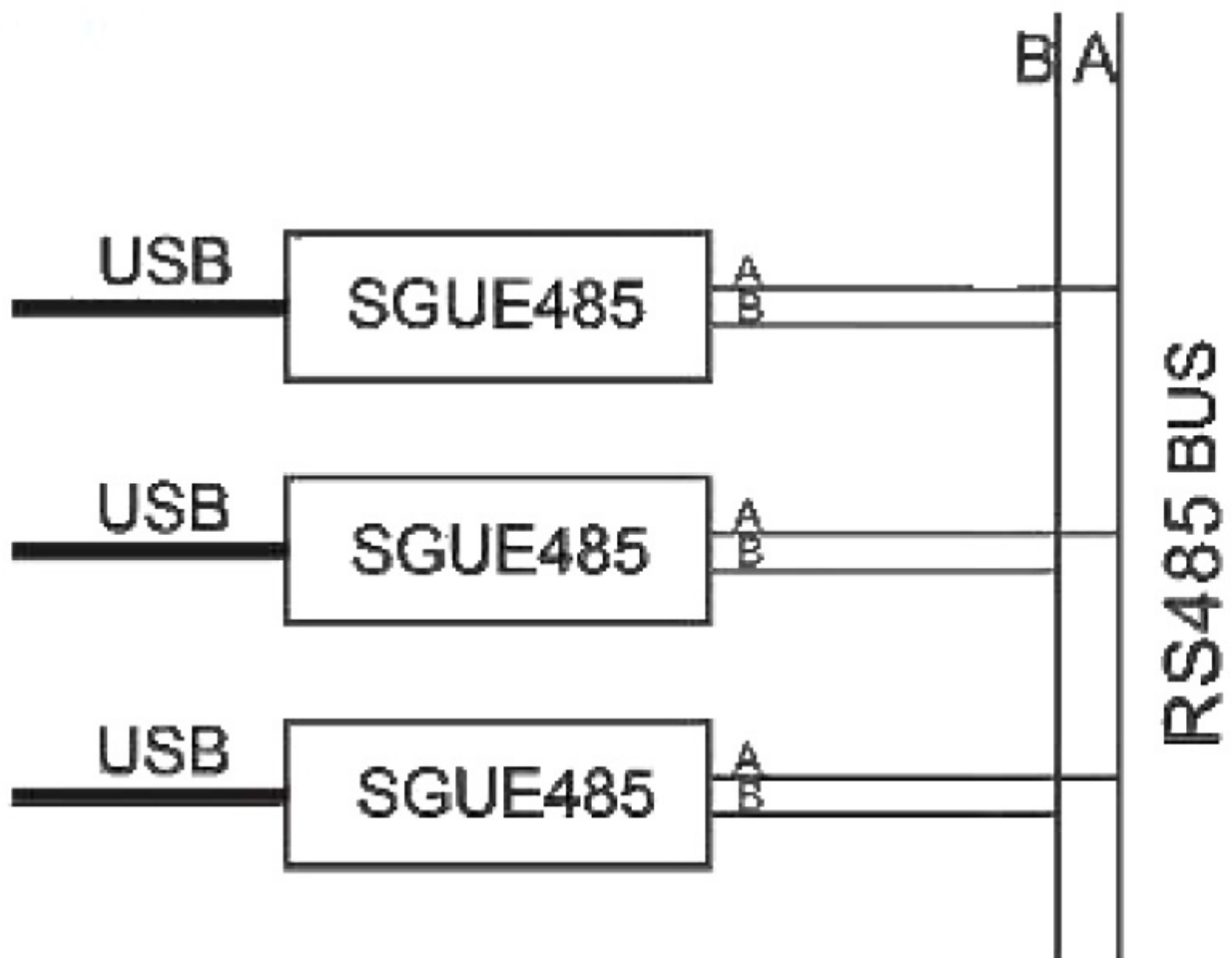
TYPICAL APPLICATION

Single Unite Networking Connection:



Multi-controller Networking Connection:

RS485 Communication Bus Connection:



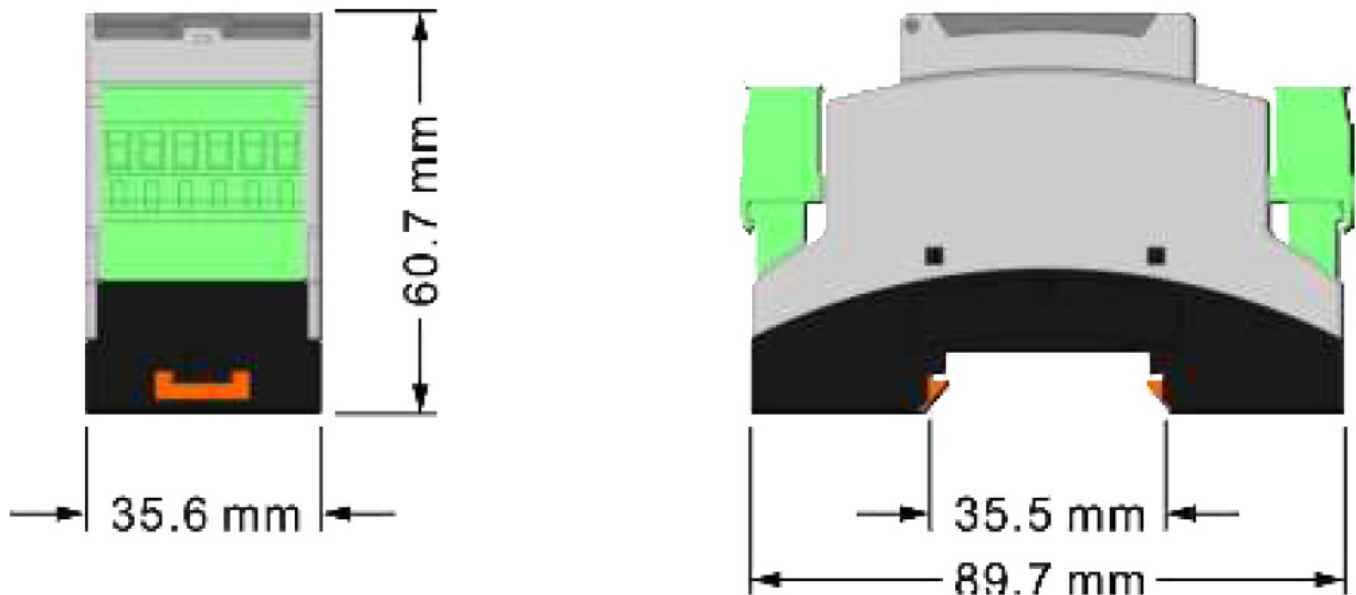
Remark:

1. Please make sure the USB indicator is under flash status before the SGUE485 module communicates with the

controller; if not, SGUE485 is powered again.

2. Please set each controller's communication address (different from each other) before networking.

CASE DIMENSIONS AND INSTALLATION



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Documents / Resources

	<p>SmartGen SGUE485 Communication Interface Conversion Module [pdf] User Manual SGUE485 Communication Interface Conversion Module, SGUE485 Conversion Module, Communication Interface Conversion Module, Interface Conversion Module, Communication Conversion Module, SGUE485 Module, Module</p>
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References

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