

## Features

- ❖ Comply with Modbus RTU communication protocol.
- ❖ Standard RS232 interface, used for system integration of the third party.

## Description

- ❖ P-9930Modbus RS232 Modbus interface card is an optional card for GST200 series control panels, providing standard RS232 interface for system integration of the third part.
- ❖ This card shouldn't be inserted and removed when it is energized.
- ❖ When entering calibration mode, pressing SK1 key (reset main board), it will display Color CRT OK if registration is successful.
- ❖ LEDs:

- 1) Main board communication HL1 LED: Red. It flashes when communicates with main board normally.
- 2) External communication interface HL2: Green. It flashes when communicates with RS232 normally.

## Connection & Wiring

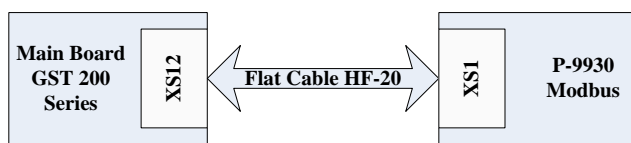


Fig. 1 Main board connecting with P-9930 Modbus

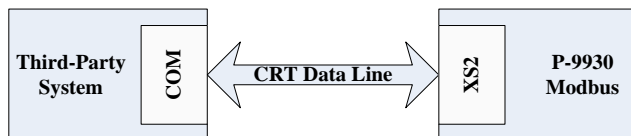


Fig. 2 RS232 connection

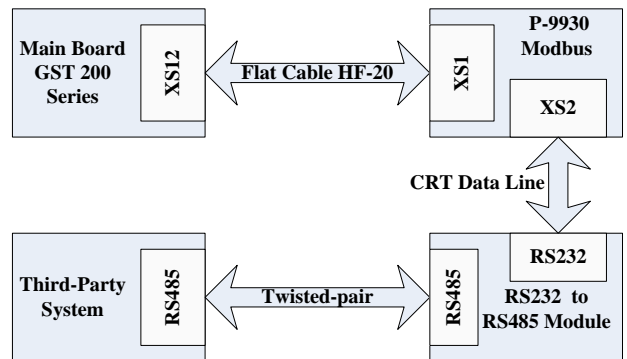
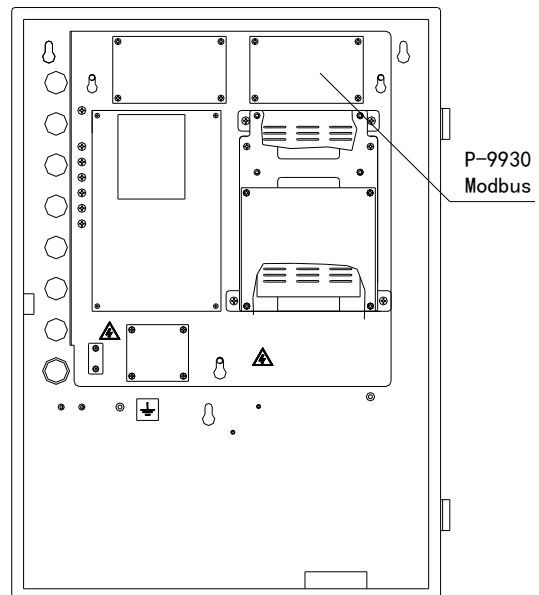
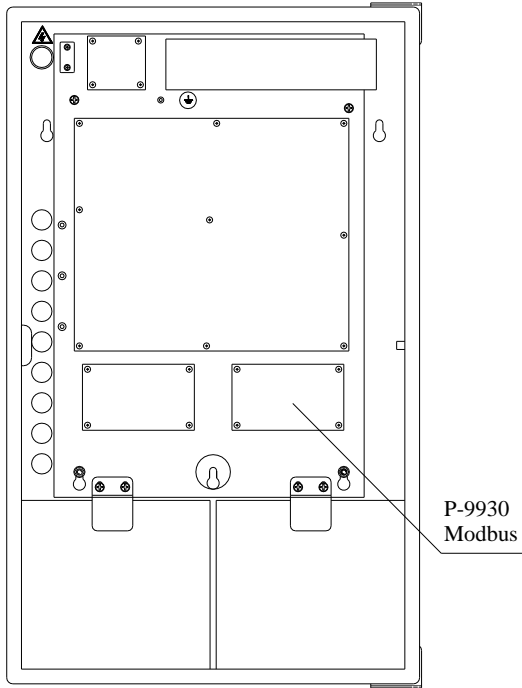


Fig. 3 RS485 Connection

## Installation

Mounting methods can be different for different types of control panels.





## Application

P-9930Modbus RS232 Modbus interface card should be fixed in the cabinet using screws. It can be connected to RS232 of the third party or RS232 to RS485 module through data cable (coming with a card), then connected to RS485 of the third party through twisted pair.

## Specification

Comm. Interface	RS232	RS485
Comm. Distance	<15m	<1200m
Baud Rate	4800bps	
Ambient Temperature	0°C ~ +40°C	
Relative Humidity	≤95%, non condensing	

## Accessories and Tools

Type	Name	Remark
F6.629.003	CRT data cable	Used to connect with system of the third party

## Limited Warranty

**GST** warrants that the product will be free from defects in design, materials and workmanship during the warranty period. This warranty shall not apply to any product that is found to have been improperly installed or used in any way not in accordance with the instructions supplied with the product. Anybody, including the agents, distributors or employees, is not in the position to amend the contents of this warranty. Please contact your local distributor for products not covered by this warranty.

This Data Sheet is subject to change without notice. Please contact GST for more information or questions.

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