Features

✧ Two photoelectric isolation CAN interfaces.
✧ Suitable for ring network.

Description

✧ P-9960A is an optional card for GST200 series control panels, providing two photoelectric isolation CAN interfaces.

✧ 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. It doesn't illuminate or illuminates steadily without communication.

2）Interface 1（CAN_H1 CAN_L1）communication HL2 LED: Green. It flashes when communicates with CAN network. It illuminates steadily in normal communication.

3）Interface 2（CAN_H2 CAN_L2）communication HL3 LED: Green. It flashes when communicates with CAN network. It illuminates steadily in normal communication.

✧ In CAN network made of those cards, CAN1 connects with the CAN2 of the neighbor control panel. Each of CAN loop shouldn't exceed 3000m in all, supporting the network of maximum 100 GST series control panels.
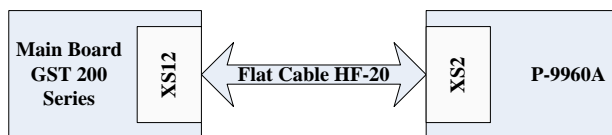
Connection & Wiring
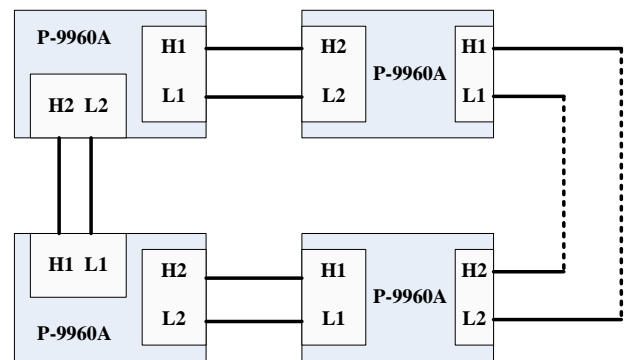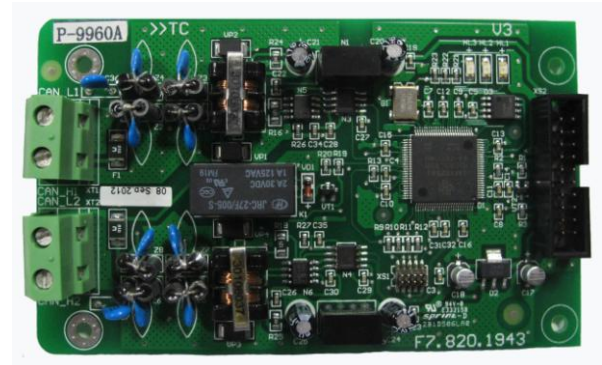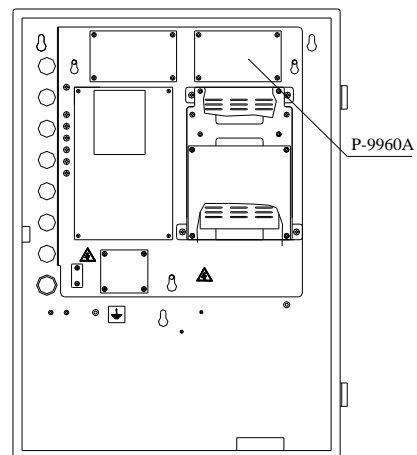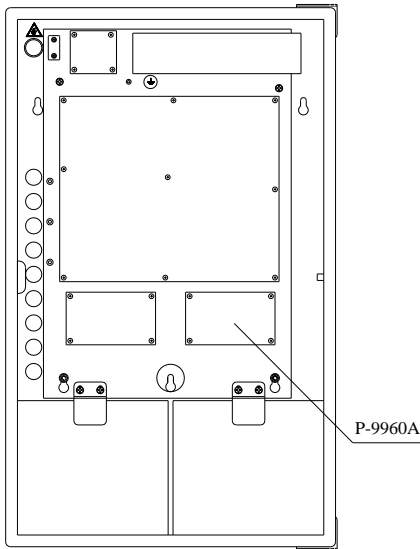

Fig. 1 connecting with main board

Fig. 2 Connecting CAN Ring Network

Note: Follow the Fig. 2 for connections, connecting terminals H1&H2, L1&L2, H2&H1 and L2 &L1 correspondingly.

Installation

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

P-9960A

Application

P-9960A CAN Network Card should be fixed in the cabinet using screws. These cards form ring network through twisted pair.

Specification

Comm. Interface	Two CAN interfaces
Comm. Distance	The distance between two neighbor nodes is less than 3000m
Network Capacity	Maximum 100 GST series control panels for networking.
Transmission Medium	1.0 mm^2 or above twisted pair, shielded twisted pair is recommend.
Baud Rate	10Kbps
Ambient Temperature	0℃～+40℃
Relative Humidity	≤95%，non condensing

Trouble shooting

Problems	Solutions
Messages cannot be transmitted.	Check if the communication is normal according to status of LED HL2 and HL3. Check if the connection is correct according to the connection diagram.
HL1 LED doesn't illuminate	The control panel enters into calibration mode. Switch it off and then switch it on for registration again.

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.