



GST200

Description

GST200 is automatic addressable fire alarm control panel. It is designed according to European Standards GST200 has one device loop with maximum 240 fire alarm devices.

Up to 32 of GST200 or GST500 may be linked together to form a large network for an area where requests more than 242 fire alarm devices. RS485 communication protocol is employed in the GST200 fire alarm network. This fire alarm network is particularly suitable for the application where there are several buildings but there is central fire alarm control room.

GST200 panel is equipped with LCD screen and digital LED clock.

Besides the LCD screen, GST200 has dedicated 20-key keypad and LED indicators for the operation.

The programming of the fire alarm system is done with a computer and software through RS232 interface.

GST200 may equip with optional printer to print out the event of the system.

GST200 equips with a direct manual control/indication board which is programmable and can be used to controls a device, or to indicate the status of a device.

Fireman's control panel is available as option, which can be used to control the fire extinguish equipment automatically or manually.

Besides the sounders in its addressable loop, GST200 has 3 hardwired supervisory output circuit for the sounder, general fire alarm and fire protection equipment. There is also one passive contact output for the general fault alarm.

Remote graphic annunciator GST8903 can be linked to GST200 via RS485 interface to indicate the geographic location for the fire alarm.

Remote repeater GST852RP can be linked to GST200 via RS485 interface to display the fire alarm messages in text.

Computer with graphic annunciator software can be linked to GST200 via RS232 interface to display the geographic location for the fire alarm.

Support class A and class B loop wiring.

Specification

- GST200/30: single loop, 30 fire alarm control zone, on panel printer, and 6 fireman's control switches.
- GST200/15: single loop, 15 fire alarm control zone, without printer and fireman's control switches.
- Loop capacity: 242 addresses
- Maximum loop cable length in class B: 1500 m.
- 32 manual control key or device indicator.
- 3 hardwired and supervised 24Vdc output, for sounder, fire alarm, fire protection equipment.
- 1 hardwired fault output, passive NO. contact.
- LCD screen and LED system clock
- RS485 port for repeater or graphic annunciator: maximum 64 repeaters or graphic annunciator.
- Optional RS485 port for fire alarm network.
- Network capacity: 32 GST fire alarm panels.
- RS232 port for programming
- Power supply: 220 Vac 50 Hz
- Power consumption: 30 W
- Internal backup battery: 24 VDC 7 Ah sealed lead battery.
- Operating temperature: 0°C~40°C
- Relative humidity: <95%
- Dimensions: 400 mm x 560 mm x 182 mm