

## Description

GST200 is an automatic addressable (intelligent) fire alarm control panel. It is designed according to European Standards (EN Standards): EN54-2:1998 - Fire detection and fire alarm systems. Control and indicating equipment.

GST200 has one device loops 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 240 fire alarm devices. The 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 fire alarm control room.

GST200 panel is equipped with LCD screen and a four digit LED display shows clock of the system.

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 on-board supervisory output circuit for the sounder, general fire alarm and fire protection equipment. There is also one



dry contact output for the general fault alarm output.

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 conventional fire alarm detectors and sounders via GST functional modules

Support class A and class B loop wiring.

## Specification

- GST200/32: single loop, 32 direct manual control switch/indicator and 10 fireman's control switches.
- GST200/16: single loop, 16 direct manual control switch/indicator, no fireman's control switches.
- Loop capacity: 242 addressable devices
- Maximum loop length 2000 m.
- Fireman's control switch: 10 (optional).
- Black/white LCD screen.
- Network capacity: 32 GST fire alarm panels.
- RS485 port for repeater or graphic annunciator: maximum 64 repeater or graphic annunciator.
- Optional RS485 port for linking other fire alarm panels, maximum 32 fire alarm panels.
- RS232 port for programming or graphic annunciator on PC, maximum cable length 15 m.
- Optional on panel printer.
- Power supply: 220 VAC 50 Hz
- Power consumption: 30 W
- Internal backup battery: 24 VDC 8 Ah sealed lead battery.
- Operating temperature: 0°C~40°C
- Relative humidity: <95%
- Dimensions: 400 mm x 560 mm x 182 mm

Exclusive distributor

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