

Description

GST500 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.

Each loop of GST500 has maximum 242 device addresses.

GST500/2 has two device loops with maximum 480 fire alarm devices.

GST500/4 has four device loops with maximum 700 fire alarm devices.

Up to 32 of GST500 may be linked together to form a large network for an area where requests more than 700 fire alarm devices. The RS485 communication protocol is employed in the GST500 fire alarm network.

GST500 panel is equipped with large color LCD screen that can display 12 line of messages.

Besides the LCD screen, GST500 has dedicated 23-key keypad and LED indicators for the operation. A four digit LED display shows clock of the system.

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

GST500 may equip with optional printer to print out the event of the system.

GST500 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.

Besides the sounders in its addressable loop, GST500 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.

A 12-key fireman's control panel is available as option, which



can be used to control the fire extinguish equipment automatically or manually.

Remote graphic annunciator GST8903 can be linked to GST500 via RS485 interface to indicate the geographic location for the fire alarm.

Remote repeater GST852RP can be linked to GST500 via RS485 interface to display the fire alarm messages in text.

Computer with graphic annunciator software can be linked to GST500 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

- GST500/2: two loops with maximum 480 addressable devices
- GST500/4: four loops with maximum 700 addressable devices
- Loop capacity: 242 addresses
- Maximum loop length 2000 m.
- Manual control/indication board: 64 zone
- Fireman's control switch: 12 (optional).
- Color LCD screen: 320 x 240 pixels, 12 text lines
- 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: 50 W
- Internal backup battery: 24 VDC 10 Ah sealed lead battery.
- Operating temperature: 0°C~40°C
- Relative humidity: <95%
- Dimensions: 500 mm x 700 mm x 170 mm

Exclusive distributor

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