

Intelligent 8 Loops Fire Alarm Control System GST5000/8



The system is compatible with the complete range of GST Intelligent detectors, Sounders, Call Points, and Interfaces, including intrinsically safe and gaseous extinguishing control. GST 5000/8 is manufactured and certified to EN54 parts 2 and 4 and to BS5839 Par 4.

The GST programming facilities enables advanced and complex cause and effects to be programmed with ease, including phased and cascade evacuation scenarios. The GST zone indication and control facilities allow the operator to manually intervene, with evacuation and control of each zone including control of all plant equipment under an alarm condition. Gas release control monitoring are built in as standard.

By utilizing the GST protocol the GST5000/8 can be networked with up to 32 panels, not only the GST200 single loop panel, but also with the GST5000/2/4 Loops panel and the GST5000 modular 20 panel, making this the perfect solution for large decentralized systems such as Shopping Centers Military campus industrial complexes, Holiday villages etc.

With up to 1936 two-wire fire alarm linkage control points that can also be intelligent be connected with many serial products (ex. digital detector, analogue detector, intelligent detector, control module and multi-wire control panel).

Features and Benefits

1. 8 x Loops capacity (1936) addressable points
2. Wall Mounted
3. 40 x12 lines Colour Graphical LCD Display.
4. 60 Zone indication including manual intervention and control panel.
5. Networked with all GST Intelligent Fire panels.
6. Programmable form PC
7. RS485 Repeater Output (Max. 64 Repeaters)
8. Integrated Security alarm facilities.
9. Advanced user friendly programming software including 'Fuzzy Logic'.
10. Panel Printer included
11. Separate wall mounted monitored PSU
12. Built in Battery charger.

Description

The GST 5000/8 is an intelligent fire alarm control panel. Wall mounted type housing it provides the perfect solution for all medium to large system by utilizing advance GST Protocol.



Power Supply Box

GST England Lion Court, Staunton Harold Hall, Melbourne Road, Ashby de la Zouch, Leicestershire, England LE65 1RT Tel: +44 1283 225 478 Fax: +44 1283 220 690

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Global System Technology PLC
The Intelligent Solution

Intelligent 8 Loops Fire Alarm Control System GST5000/8

Technical Specification

- Standard EN54 Part 2/4 ; BS5839 Part 4
- Loop Capacity 242 address per loop
- Main Input Voltage 220 ± 10% VAC 50/60 Hz (PSU)
- Input Current Rating 2A
- Operating Temperature 0°C to +40 °C at 95% Relative Humidity
- System Operating Voltage 24 VDC Nominal (17-29 VDC)
- Standby Batteries Twin 12volt Battery (PSU)
- 3 Alarm/Sounder Circuits 12Ah/75AH -Ampere-Hour according to the load application (Not included)
- Output capacity
 - Output voltage 21VDC to 27 VDC
 - Output current: 500mA each output
 - EOL 10K resistor
- Fuses Mains 2A (20mm A/S ceramic)
 - Sounders (2): 1A (20mm A/S)
 - Fire alarm Output 0.5A (20mm A/S)
 - Battery: 10A (20mm A/S HRC ceramic)
- Common Fault Relay Output Volt-free changeover (NO/NC) 1.0A at 24 VDC
- 24 VDC Fused Output Maximum load 500mA at 17-28VDC
- Dimension 506mm x 170 mm x 706 mm (Panel LxWxH)
500mm x 189 mm x 500 mm (PSU box LxWxH)

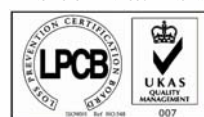
Selection of GST5000/8 compatible addressable devices and Panels

- ✓ GST200 Intelligent Single Loop Fire Alarm Panels
- ✓ GST5000 Intelligent Modular 2/4 Loops Fire Alarm Panel
- ✓ GST5000 Intelligent Modular 1-20 Loops Fire Alarm Panel
- ✓ GST 9000 Intelligent Modular 1-42 Loops Fire Alarm Panel
- ✓ GST852RP Repeater Panel
- ✓ DI-9100 Series Digital Detectors
- ✓ I-9101 Multi detector
- ✓ I-9102 Optical Detector
- ✓ I-9103 Dual Heat Detector
- ✓ I-9104 UV Flame Detector
- ✓ I-9105R Beam Detector
- ✓ I-9200 Series Manual Call points
- ✓ I-9300 Series Interfaces (Complete range for all requirements)
- ✓ I-9400 Series Sounders and strobes
- ✓ I-9600 series Combustible gas detectors
- ✓ Ex Interface series intrinsically safe detectors and sounder

Ordering Information:

Part No	Description	Weight/Kg	Pack Qty per Box
GST5000/8	Intelligent Modular 8 Loops Fire Alarm Control Panel	35	1
	Main Supply and Battery	13	1

MANUFACTURED IN ACCORDANCE WITH



Note: Specifications are subject to change without notice

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