



Global System Technology PLC
FIRE ALARM SYSTEMS



When you're looking to deliver, there might
be several choices to make.
But there's only one intelligent one.

GST PLC is a high tech company specialising in research and development, manufacture, distribution, and commissioning (including maintenance) of an extensive range of Intelligent Fire Detection, Voice Evacuation and Fire Telephone Products. Monsher (India) Safety Equipments Pvt. Ltd is proud to partner with GST and bring their range of Intelligent Systems to India.



Intelligent Optical Smoke Detector

- Aesthetically pleasing low profile design
- 8-bit intelligent processor with A/D convertor
- Built-in algorithm maps for false alarm rejection
- Electronically addressed
- Twin LEDs for 360° vision
- Sensitivity is adjustable via hand-held programming tool
- Removable optical chamber for east cleaning and maintenance



Intelligent Dual Heat Detector

- Fixed temperature and Rate of Heat Rising Detection
- Aesthetically pleasing low profile design
- 8-bit intelligent processor with A/D convertor
- Built-in algorithm maps for false alarm rejection
- Electronically addressed
- Twin LEDs for 360° vision



Intelligent Multi Sensor

- Combines all the features of C-9102 Optical and C-9103 Heat detectors to provide the ultimate cover for life safety systems
- Is an ideal alternative to the Ionisation detector
- Adjustable smoke detection sensitivity via hand-held programmer



Technical Specifications

Operating voltage: 24V loop

Operating current:

Standby current: 0.8mA

Alarm current: 2mA

Operating environment:

Temperature: -10°C to +50°C

Relative humidity: 95%

Field Programmable Sensitivity: 0.1dB/m to 0. 56dB/m – 3 levels

Dimensions: Diameter 100mm, Height 50mm

Addressable Manual Call Point

- This addressable Manual Call Point (MCP) has a re-settable (non-breaking) glass
- Additional volt free contacts for local interfacing (i.e. PTZ camera presets)
- Two parts plug-in construction with base mounted termination allows for east installation and connection
- The MCP can be addressed and plugged in to the base at the time of commissioning
- Electronically addressed
- Suitable for semi-flush and surface mount installation

Technical specifications

Operating voltage: 24V loop

Operating current:

Standby current – 0.8mA

Alarm current – 2mA

N/O output contact: Rating 60VDC, 0.1A

Contact resistance: 100 (put the mega symbol here)

Electronically addressed

Operating Environment:

Temperature: 0 to + 50°C

Relative humidity: 95%

Dimensions: 90mm x 122mm x 48.5mm



Addressable Sounder and Strobe

- Two parts construction with base mounted termination allows for easy installation
- Evacuate only or Alert/Evacuate mode can be set through handheld programmer
- Remote start input can be used to cooperate with other systems
- Strobe provided by high intensity LED cluster
- Electronically addressed

Technical Specifications

Operation Voltage: 24V Loop, 24VDC Power Supply

Operating Current:

Loop: Standby Current 1mA; Alarm Current 5mA

Power Supply: Standby Current 3mA, Alarm Current 65mA

Sounder Output: 94dB @ 1 Metre

Wiring:

Non-polarized 2-core for loop

Non-polarized 2-core for power supply

Operating environment:

Temperature: -10 to +50°C

Relative humidity: 95%

Dimension: Diameter 110mm, Height 97.5mm



Loop Isolator

Isolates faulty part of the loop in the event of a short circuit

Automatically resetting facility once the fault has cleared

LED status indicator

Technical Specifications

Operating voltage - DC 24V

Standby Current - <30mA

Output Capacity - 2A, DC30V

Operating Environment - Temperature: 10 ~+ 50°C

Relative Humidity - <95%

Dimensions - 120mm x 80mm x 40mm



Intelligent Single Input /Output Module

- Addressable I/O with 24V / 3Amp relay output contacts
- Input can be configured as NO / NC or self confirmation of output (programmable via handheld programmer (P9910B))
- Two part plug-in construction with base mounted termination allows easy installation and connection
- Intelligent interface can be addressed and plugged in to base at time of commissioning
- Electronically addressed

Technical Specifications

Operating Voltage: 24V Loop, 24VDC Power Supply

Operating Current (loop):

Standby Current 1mA

Action Current 5mA

Wiring:

Non-polarized two-core for loop

Non-polarized two-core for 24VDC power supply

Operating Environment:

Temperature: -10 to + 50°C

Relative Humidity: 95%

Dimension: 120 x mm 80mm x 40mm



Intelligent Single Loop Fire Alarm Panel

This single loop addressable fire detection panel is packed with features that are not usually associated with smaller systems. This delivers a high-quality solution at exceptionally good value

- Loop capacity of 235 intelligent devices
- Graphical LED display
- 30 zone indication and manual intervention panel
- Networkable with all GST fire panels
- Programmable from a computer
- Built-in gas extinguishing control
- Integrated security alarm facilities
- Optional colour graphics
- Optional Fireman's control panel
- Optional panel printer
- Advanced user friendly programming software including Fuzzy Logic

Technical Specifications

Power supply: 230VAC 50/60Hz

Operating Environment:

Temperature: 0 to +40°C

Relative humidity: 95%

Dimension: 400mm x 560mm x 178mm

