



GST500
Fire Alarm Panel

- For medium fire alarm system with max 960 addresses
- 64 programmable manual control key and indicator
- Max 4 loops
- 242 device addresses per loop
- Max 960 device addresses per panel
- 60 alarm zones
- Class A and class B loop wiring
- Networkable to 32 panels
- 5.7" LCD screen
- Remote graphic annunciator
- Remote text repeater
- On board printer
- Fireman's control panel (option)
- Gas extinguishing control (option)
- Dimension 500 x 170 x 700 mm
- European standard EN54-2
- CE approval
- **GST500/2**: 2 loops, 480 addr.
- **GST500/2A**: 2 loops, 480 addr. with 6 fireman's control switch
- **GST500/3**: 3 loops, 720 addr.
- **GST500/3A**: 3 loops, 720 addr. with 12 fireman's control switch
- **GST500/4**: 4 loops, 960 addr.
- **GST500/4A**: 4 loops, 960 addr. with 12 fireman's control switch



GST200
Fire Alarm Panel

- Single loop with 240 addresses
- 32 programmable manual control key and indicator
- Max alarm 30 zones
- Class A and class B loop wiring
- Networkable to 32 panels
- 4" LCD screen
- Remote graphic annunciator (option)
- Remote text repeater (option)
- On board printer (option)
- Fireman's control panel (option)
- Dimension: 400 x 182 x 560 mm
- European standard EN54-2
- CE approval
- **GST200/15**: 15 alarm zones
- **GST200/30**: 30 alarm zones with 6 fireman's control switch and printer



GST100
Fire Alarm Panel

- For small fire alarm system with max 128 devices
- Single loop
- 8 alarm zones
- 4 text line LCD screen
- Class A and class B loop wiring
- Remote graphic annunciator (option)
- On board printer
- Dimension: 210 x 91 x 300 mm
- European standard EN54-2



I-9101
Multi-sensor Detector

- Multi-sensor detection including
 - Optical smoke detection
 - Fixed temperature heat detection
 - Rate of rise temperature heat detection
- Loop voltage 24Vdc
- Standby current 0.6 mA
- Alarm current 1.8 mA
- Dual LED indicators
- CE approval



I-9102, I-9102R
Optical Smoke Detector

- Optical smoke detection
- Loop voltage 24Vd
- Standby current 0.6 mA
- Alarm current 1.8 mA
- Dual LED indicators
- Output for remote indicator (I-9102R)
- LPCB and CE approval for European standard EN54-7



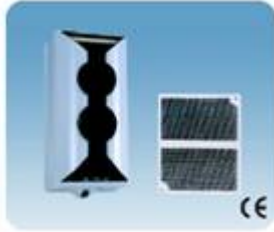
I-9103, I-9103R
Heat Detector

- Fixed and rate of rise temperature detection
- Loop voltage 24Vdc
- Standby current 0.6 mA
- Alarm current 1.8 mA
- Dual LED indicators
- Output for remote indicator (I-9103R)
- LPCB and CE approval for European standard EN54-5



I-9104
Flame Detector

- Ultraviolet (UV) flame detection
- Loop voltage 24Vdc
- Dual LED indicators



I-9105R
Beam Smoke Detector

- Infrared light beam smoke detector
- Reflective type
- Power: 24Vdc, 22mA
- Adjustable 3 sensitivity levels
- Protecting range 8m to 100m
- Protecting width 14m
- CE approval



I-9602LW
Gas Detector

- Addressable gas detector
- Power 24Vdc
- 1 passive relay output
- Sensitivity:
3000ppm (14% LEL) for LPG
5500ppm (11% LEL) for NGV
- **Note, you must specify what gas: NGV or LPG you want to detect when you order C-9602LW.**



I-9201
Manual Call Point

- Non-break glass type
- Reset with tool
- LED indicator
- 1 passive relay output
- European standard EN54-11



I-9202
Manual Call Point

- Non-break glass type
- Reset with key
- LED indicator
- 1 passive relay output
- European standard EN54-11



I-9401
Sounder and Strobe

- Siren sound
- 24VDC 160mA
- Sound level 85 dB at 3m
- LED flashing light
- Low profile
- CE approval



I-9403
Sounder and Strobe

- Beeping sound
- 24VDC 65mA
- Sound output 85dB at 3m
- LED flashing light
- High profile
- CE approval



I-9402
Sounder

- Detector base with built-in sounder
- Sound level 75 dB at 1m
- 24VDC 15mA
- CE approval



I-9314
Strobe Lamp

- High intensity LED flashing light
- 24VDC 16mA
- Dim. 120x80x49mm



C-9314P
Remote LED Indicator

- For detector C-9102R and C-9103R
- LED indicator 2.5V, 15mA
- Wired to detector directly
- No power supply required
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I-9308
Sounder Driver

- Addressable device
- Used to drive conventional sounders
- Output 0.5A, 24VDC
- Supervisory output circuit
- Power supply 24Vdc
- Dim. 120x80x39mm



I-9319
Zone Monitor

- Addressable device
- Used to wire the conventional devices into addressable loop
- Drive 25 conventional detectors or manual call points
- Supervisory circuit
- Power supply 24Vdc
- Dim. 120x80x39mm



C-9503
Loop Isolator

- Loop isolator
- Used to isolate the faulty portion of the loop
- Max 40 devices between two isolators
- Dim. 120x80x39mm



C-9502
Base mount loop isolator

- Loop isolator integral with a detector base
- Used to isolate the faulty portion of the loop
- Max 40 devices between two isolators



LD-8321
Loop relay

- A relay module wired in the loop to extend the total length of the loop cable
- Support address 1 to 242
- Extended cable length 1,000m
- Required if the loop cable length more than 1,500m
- Power supply 24Vdc



**Input Module
I-9300**

- Occupies 1 address
- Used to take digital signal from other device
- 1 input
- Receiving either NO or NC contact
- Dim. 120x80x39mm



**Input/Output Module
I-9301**

- Occupies 1 address
- 1 Input / 1 Output
- Receiving either NO or NC contact signal
- Relay output
- Power supply 24Vdc
- Dim. 120x80x39mm



**Dual Input/Output Module
I-9303**

- Occupies 2 address
- 2 inputs and 2 outputs
- Receiving either NO or NC contact signal
- Relay output
- Power supply 24Vdc
- Dim. 120x80x39mm



**Relay Module
C-9302**

- Single relay module
- **Used with I-9301 to drive high voltage and current load**
- One relay output: 5A 220VAC or 24VDC
- One passive input
- Dim. 120x80x39mm



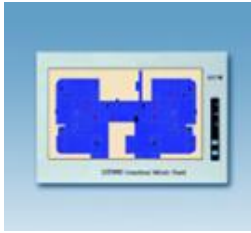
**Relay Module
C-9302A**

- Dual relay module
- **Used with I-9303 to drive high voltage and current load**
- Two relay outputs: 5A 220VAC or 24VDC
- Two passive inputs
- Dim. 120x80x39mm



**Relay Module
C-9302C**

- Single relay module
- **Used with fireman's control panel**
- One relay output: 5A 220VAC or 24VDC
- One passive input
- Dim. 120x80x39mm



GST8903
Graphic Annunciator

- Custom made layout and size
- 100 LED Indicators
- RS485 interface
- 1000m cable length
- Used with GST addressable panels
- Power supply 24Vdc



GST852RP
LCD Alphabetic Repeater

- Display alarm message remotely
- RS485 interface
- 1000m cable length
- Used with GST addressable panels
- Built-in buzzer
- LED indicator
- Power supply 24Vdc



P-9910B
Handheld Programmer

- Handheld programmer for most GST devices
- Used to set the address and other parameter of the devices, such as detectors, sounders, and modules.
- Operated with 9V battery



PSU24-3, PSU24-3A
Power Supply

- 24VDC, 3A uninterrupted power supply
- Voltage and current display
- PSU24-3A may report its fault to the control panel.
- Power supply 220Vac
- Two 12V 4Ah standby batteries



PSU24-6, PSU24-6A
Power Supply

- 24VDC, 6A uninterrupted power supply
- Voltage and current display
- PSU24-6A may report its fault to the control panel.
- Power supply 220Vac
- Two 12V 7Ah standby batteries