GST104S

Conventional Fire Alarm Control Panel

Description

GST104S Conventional Fire Alarm Control Panel is designed according to EN54 standards. It's compatible with GST conventional detectors, manual call points and sounders. The panel is easy to install and operate. Control functions are enabled by a key switch. Programming functions are enabled by a key switch and an internal switch.

Features and Benefits

- Supports up to 4 detection zones, with conventional detectors and manual call points; the maximum number of external conventional points per zone is 32.
- Two sounder outputs, one alarm output and one fault output.
- Able to report short and open circuits of zones and sounder outputs.
- Test and disable functions.
- CE approved AC-DC module
- Better surge & ESD protection for MCU
- Programmable on manual call point connection, sound modes, sounder delay modes and output delay modes via the USB.
- Three access levels settable via the key switch and the internal switch.
- Designed with standby batteries and space provision for two sealed lead-acid batteries.
- Ground fault detection.
- NC/NO contact output for Alarm/Fault, contact capacity: 1A/24VDC
- 2 sounder output, 300mA in alarm
- 1 Auxiliary Power Output, Max.1A
- Option function: The repeater board supports remote control such as reset, EVAC, silence. Fire alarms and faults can be reported in different zones.

Recommended Cabling

Detection Zone/AUX power output/ RESET/EVAC/SILENCE input:

Max.1000m, 1.0mm^2 or above 2 core cables, complying with local installation codes.

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Technical Specification

Operating Voltage	110V/240VAC 50/60Hz
Back-up Battery	2 Sealed lead-acid battery, 7Ah/12VDC
Maximum Internal Resistance of the Battery	1.0Ω
Zone Capacity	4 Zones
Detection Capacity	Max. 32 detectors per zone
Output Current	Max. 400mA
End of Line for Zone	AEOL (active end of line) or EOLR (0.5Watt/4.7kΩ)
End of Line for Others	EOLR (0.5Watt/4.7kΩ) Sounder output, Alarm output
Protection	IP30
Operating Environment	-5℃~50℃, ≤95％RH, non-condensing
Dimension	320mm(W)*400mm(H)*85 mm(D)
Weight	4.5kg

Accessory

Part No.	Description
RB104C	Relay board for GST104S
RP104C	Repeater board for GST104S
DP-9907	Active End of Line

Certificates and Compliance

- CE Certifications: CE-LVD & CE-EMC

Order Information

Part No.	GST104S
Device Name	Conventional Fire Alarm Control Panel
Product No.	10107535

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