



CE
0832-CPD-1640
0832-CPD-1641
0832-CPD-1642
0832-CPD-1643



GST102A/104A/108A/116A

Conventional Fire Alarm

Control Panel

GST102A/104A/108A/116A series

Conventional Fire Alarm Control Panel is designed in compliance with EN 54-2 & EN54-4 standard. 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.

The A series panel is an upgrading version of previous GST100 series conventional panel. New designed front fascia, printed circuit board and simplified operations make it more reliable, stable and convenience to use.

FACP	Detection Zones	Sounder Outputs
GST102A	2	2
GST104A	4	4
GST108A	8	4
GST116A	16	4

Features

- Connecting with conventional detectors and manual call points, generating alarm in case of fire, to save human life.
- Every detection zone can have at most 15 conventional detectors. The total number of detectors and call points in a zone shall not exceed 32.
- Sounder outputs, Alarm output and Fault output are available for connecting into other systems.
- Integrated charger and battery management program, fully comply with latest EN54-4 standard requirement.
- Easy operation to enable/disable zones, sounder outputs and alarm output.
- Alarm Test function selectable with or without sounder notification.
- Output programmable for interlink between zones and sounder outputs, alert or evacuate tone, with or without delay.
- Day/Night mode selectable.
- Different Silence/Reset/Test modes can be selected to meet local requirement.
- Three access levels settable via key control.
- Reserved repeater panel interface for fire alarm indication of multiple zones.

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Specification

Operating voltage	220/230VAC \pm 15% , 50/60Hz
Operating Current	0.35A
Standard	EN 61000-6-3 EN 61000-3-2 EN 61000-3-3 EN 50130-4 EN 54 part 2 and part 4
Approval	LPCB
Operating Environment	0°C to 40°C 95% relative humidity
Standby Batteries	7AH/24VDC
Output Voltage	20VDC to 28 VDC
Alarming Resistance	150 Ω -1.5K Ω (nominal 470 Ω)
End of Line	4.7K Ω or AEOL (Active End of Line)
Sounder Output	QTY: 4 (2 for GST102A) Active Mode: 20VDC ~ 28VDC, Output current: 300mA Relay Mode: NO/NC Contact, 1A/24VDC
Fire Alarm Output	QTY: 1 Active Mode: 20VDC ~ 28VDC, Output current: 300mA Relay Mode: NO/NC Contact, 1A/24VDC
Fault Output Capacity	QTY: 1 Passive contact output :1A/24VDC
Aux. Power Output	20VDC ~ 28VDC , 500mA
Application	Indoor use
Dimension	380mm x 320mm x 103mm

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