GST102A

Conventional Fire Alarm Control Panel

General

The GST102A is compatible with GST conventional detectors, manual call points and sounders. The panel is easy to install and operate. Control functions are enabled by key switch whilst programming functions are enabled by key switch in combination with an internal switch.

Installation

The GST102A may be wall or flush-mounted.



Details

- 2 Detection zones
- Each zone can support up to 15 conventional detectors or 32 manual call points, to a combined total of 32 devices.
- Short and open circuit reporting of detection zones, sounder and alarm outputs
- Space provided inside the CIE cabinet for 2 SLA batteries for standby support
- Easy enable/disable operation for zones, sounder and alarm outputs
- Alarm test function selectable with or without sounder notification
- Programmable output for linking zones and sounder outputs, alert or evacuate tone, with or without delay
- Day/Night mode selectable
- Silence/Reset/Test modes selectable to local requirements
- Three access levels configurable via key control
- Reserved multi zone repeater interface for fire alarm indications

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Technical specifications

General

Connectivity	Hardwired repeater
Maximum system capacity (device count)	up to 64
Cable rating	0.5 mm (max)

Electrical

Power supply type	220/230 VAC
Operating voltage	230 VAC, +10%/-15%, 50/60Hz

Loop

Maximum loop capacity	2

Zone

Maximum zone capacity	up to 2
Quantity of devices per zone	15 detectors / 32 MCPs
Cable rating	1.0 to 1.5 mm² (1000 m max)
End-of-line	Active
	Passive (4.7 kΩ, ½W)

Input

Input quantity	4
Input type and rating	Unsupervised NO, Cable type: 0.5 mm² (min.)
Programmable	No

Output

Output type and rating	Cable type: 1.0 mm² to 1.5 mm² (1000 m max)
Fire alarm signalling	1, 300 mA @ 24 VDC or NO/NC
Fault signalling	1, NO/COM/NC, 1 A @ 24 VDC
Notification	2, 300 mA @ 24 VDC or NO/NC
Auxilliary power	< 500 mA @ 24 VDC
Programmable	Yes
Termination	4.7 kΩ, 0.5 W

Standby battery

Capacity	7 Ah
Batteries supported in housing	2 x 12 VDC

Physical

Form factor	Small
Physical dimensions	380 x 320 x 103 mm (W x H x D)
Colour	Black
Mounting type	Surface mount, Wall mount

Environmental

Vandal proof	No
Operating temperature	0 to 40°C
Relative humidity	0 to 95% noncondensing
Environment	Indoor
IP rating	IP30

Regulatory

Compliancy	CE
Certification	EN54-2, EN54-4
Standards	LPCB

As a company of innovation, Kidde Global Solutions reserves the right to change product specifications without notice. For the latest product specifications, visit firesecurityproducts.com online or contact your sales representative.

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