

BAT 100 LSN Display Panel

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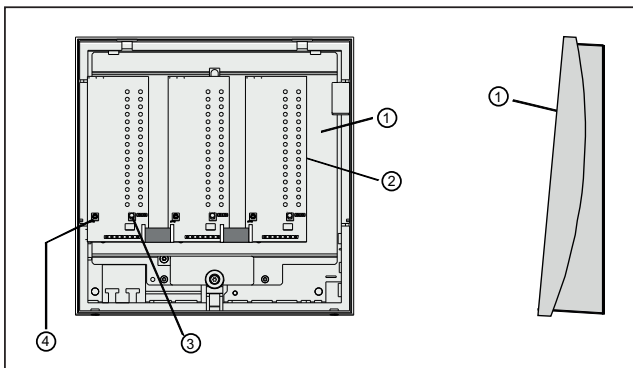


- ▶ Upgradeable with up to three ATG 420 LSNi kits
- ▶ 32, 64 or 96 multicolor display LEDs
- ▶ Monitored data communication control panel - display panel
- ▶ Maintenance of function on the LSN loop via two integrated isolators in the event of wire interruptions or short-circuits

The BAT 100 LSN Display Panel is a universally usable remote parallel display with up to 96 LEDs (e.g. for a maximum of 96 detector zones).

- 3 Keys for "LED test" or "buzzer off"
- 4 Tamper contact

System overview



Item	Description
	BAT 100 LSN, display without hood
1	Lower part of housing
2	ATG with 32 LEDs

Functions

The BAT 100 LSN Display Panel handles the display of faults and/or alarms for detectors or detector zones. Up to three ATG 420 LSNi kits can be installed in the BAT 100 LSN housing. An ATG 420 LSNi includes 32 red LEDs for alarm indications or 32 yellow LEDs for fault indications. Mixed equipment (red and yellow LEDs) of the display panel with different ATG 420 LSNi is possible.

LED displays can be labeled using a printer.

The panel has a buzzer and a reset button for the buzzer. If there is no alarm, the reset button for the LED test can be used.

The ATG 420 LSNi kits have integrated isolators for maintaining the function of the elements on the LSN loop in the event of wire interruptions or short-circuits.

Certifications and approvals

- ATG 420 LSNi and ATB 420 LSNi complied
- EN54-17:2005

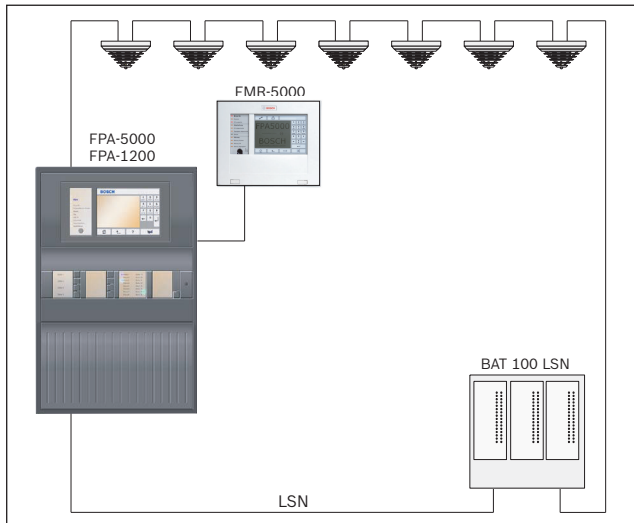
- EN54-18:2005

Region	Certification	
Europe	CPR	0786-CPR-21484 BAT 100 LSN
Germany	VdS	G 216008 BAT 100 LSN

Installation/configuration notes

- BAT 100 LSN Display Panels can be incorporated at any point on LSN loops or LSN stubs.

Planning example



Parts included

Qty.	Component
1	BAT 100 LSN Display Panel
1	ATG 420 LSNi Display Module

Technical specifications

Electrics

ATG 420 LSNi module

Operating voltage	
• LSN part	+15 V DC to +33 V DC
• other functions	+8 V DC to +30 V DC
Current consumption	
• LSN part	3 mA
• other functions	- all 32 LEDs off: max. 10 mA@ 24 V DC or max. 15 mA@ 8 V DC - all 32 LEDs on: max. 25 mA@ 24 V DC or max. 60 mA@ 8 V DC

Mechanics

BAT 100 LSN housing

Dimensions (H x W x D)	270 x 270 x 75 mm
Material	Plastic, ABS Terluran
Color	Light gray, RAL 9002
Weight	Approx. 1 kg

Environmental conditions

Permissible operating temperature	-5 °C to +50 °C
Permissible storage temperature	-20 °C to +60 °C

Special features

LED flash frequency	1.25 Hz
LED colors	Multicolor

Ordering information

BAT 100 LSN Display Panel

Universally-usable remote parallel display with up to 96 LEDs

Order number **BAT 100**

Accessories

Labeling Strips

PU = 10 units

Order number **BAT100-LABELS**

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