



BAT 100 LSN display panel



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

Functions

The BAT 100 LSN remote display panel handles the display of malfunctions and/or alarm for detectors or detector zones.

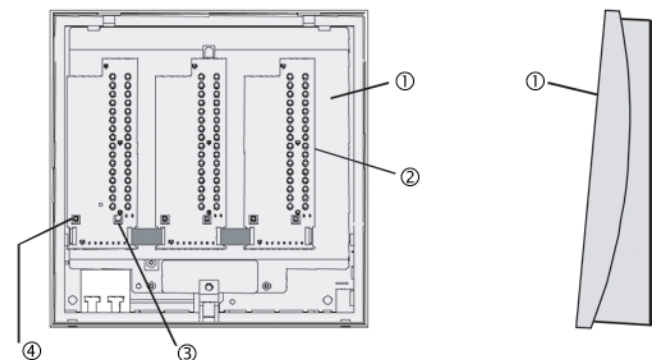
Up to three BS ATG 100 LSN kits can be installed in the BAT 100 LSN housing. A BS ATG 100 LSN includes 32 red LEDs for alarm indications or 32 yellow LEDs for fault indications. Mixed mounting (red and yellow LEDs) of the remote display panel with different BS ATG 100 LSNs is possible. LED displays can 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 BS ATG 100 LSN kits have integrated isolators for maintaining the function of the elements on the LSN loop in case of wire interruption or short circuit.

- ▶ Upgradeable with up to 3 BS ATG 100 LSN kits
- ▶ 32, 64 or 96 red or yellow display LEDs
- ▶ Monitored data communication control panel - panel
- ▶ Maintenance of function on the LSN loop in case of wire interruption or short circuit with integrated isolators

System Overview



| Pos. | Description |
|------|-------------------------------------|
| | BAT 100 LSN, display without hood |
| 1 | Lower part of housing |
| 2 | ATG with 32 LEDs |
| 3 | Keys for "LED test" or "Buzzer off" |
| 4 | Tamper contact |

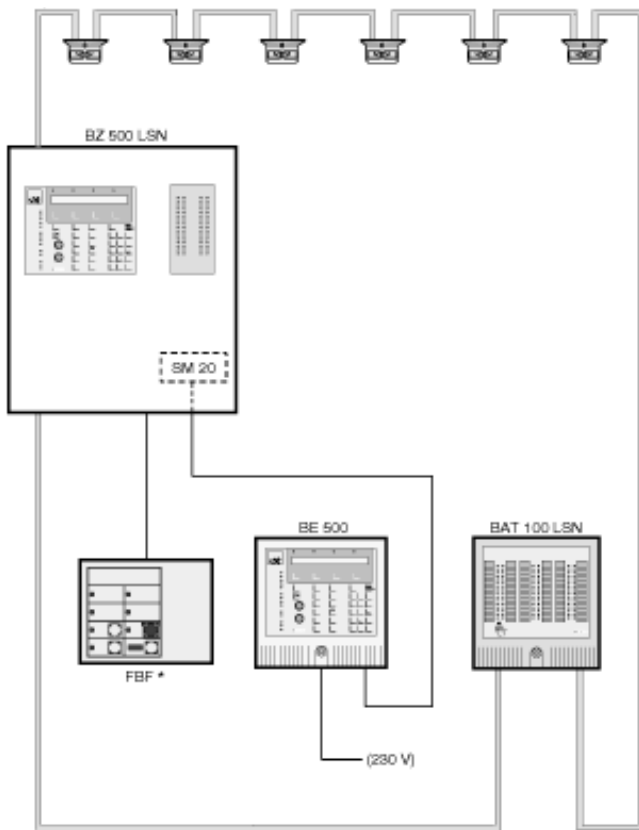
Certifications and Approvals

VdS approval number: **G 298 030**

Installation/Configuration Notes

- A BAT 100 LSN remote display panel can be incorporated at any point on a LSN loop or LSN stub.
- If a BAT 100 LSN is mounted in addition to a BE 500 remote operating panel, the BAT 100 LSN should be mounted directly on the BE 500.

Example



* Fire Service Control Panel (only in Germany)

Parts Included

| Qty. | Components |
|------|----------------------------------|
| 1 | BAT 100 LSN remote display panel |

Technical Specifications

Electrical

ATG 100 LSN module

| | |
|---|----------------------|
| Operating voltage | |
| • LSN part | +12 V DC... +30 V DC |
| • Remaining functions | +8 V DC... +30 V DC |
| Current consumption LSN part | 3 mA |
| Current consumption remaining functions | |
| • All 32 LEDs on | Max. 160 mA |
| • All 32 LEDs off | Max. 6 mA |

Mechanics

BAT 100 LSN housing

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

Environmental conditions

| | |
|---|------------------|
| Environmental class according to EN 54 T2 | II |
| Room environment | DIN 40040 R14 |
| Permissible operating temperature | -5 °C... +50 °C |
| Permissible storage temperature | -20 °C... +60 °C |

Special features

| | |
|---------------------|----------------|
| LED flash frequency | 0.8 Hz |
| LED colors | Red and yellow |

Ordering Information

| | |
|---|------------|
| BAT 100 LSN display panel | 4998000922 |
| Kit for remote display panel with 32 red LEDs | |

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