



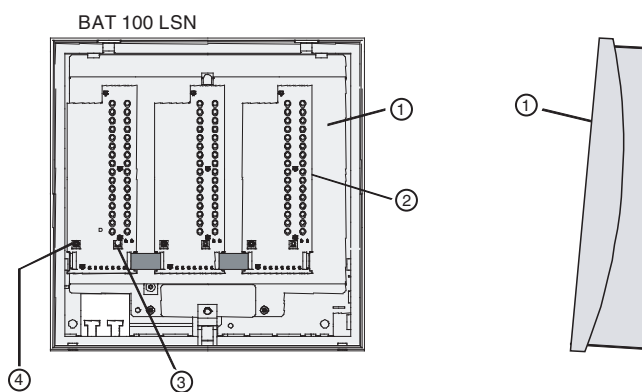
BAT 100 LSN Display Panel



- ▶ Upgradeable with up to three ATG 100 LSN kits
- ▶ 32, 64 or 96 red or yellow display LEDs
- ▶ Monitored data communication Control Panel –Display Panel
- ▶ Maintenance of function on the LSN loop via integrated isolators in the event of wire break or short circuit

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).

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 |

Functions

The BAT 100 LSN Display Panel handles the display of faults and/or alarms for detectors or detector zones.

Up to three ATG 100 LSN kits can be installed in the BAT 100 LSN housing. An ATG 100 LSN 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 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 ATG 100 LSN kits have integrated isolators for maintaining the function of the elements on the LSN loop in the event of wire interruption or short circuit.

Certifications and Approvals

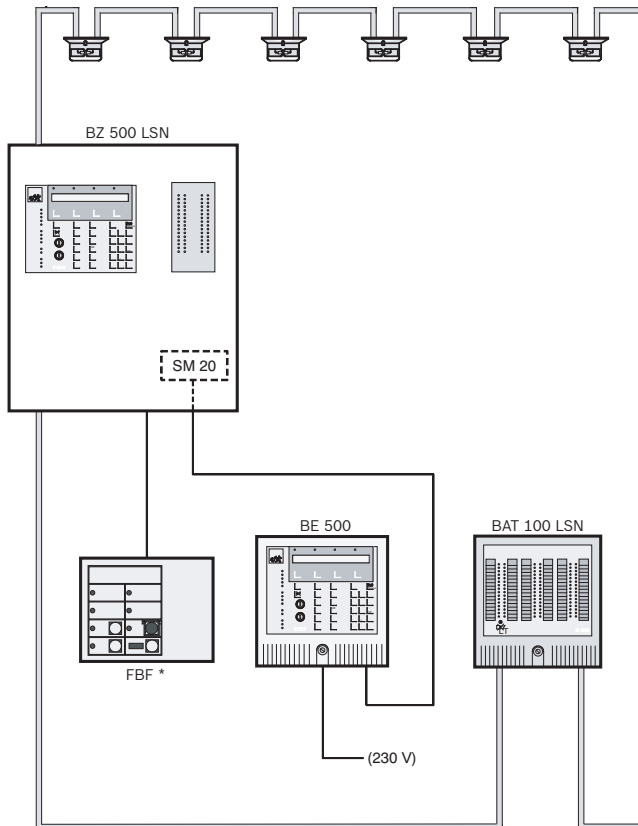
| Region | Certification |
|---------|--|
| Germany | VdS G 298030 BAT 100 LSN G 297040 ATG 100 |
| Europe | CE BAT 100 LSN BS ATE / ATG / ATB 100 LSN |

| Region | Certification | |
|---------|---------------|----------------------------|
| Hungary | TMT | TMT-89/12/2004.pdf BAT 100 |
| Russia | GOST | POCC DE.C313B06298 |

Installation/Configuration Notes

- BAT 100 LSN Display Panels can be incorporated at any point on LSN loops or LSN stubs.
- If a BAT 100 LSN is installed in addition to a BE 500 Remote Operating Panel, the BAT 100 LSN should be positioned directly adjacent to the BE 500.

Planning example



* Fire department control panel (in Germany only)

Parts Included

| Qty. | Component |
|------|---------------------------|
| 1 | BAT 100 LSN Display Panel |

Technical Specifications

Electrics

ATG 100 LSN

Operating voltage

- LSN part +12 VDC to +30 VDC
- Other functions +8 VDC to +30 VDC

Power intake of LSN part 3 mA

Power intake of other functions All 32 LEDs on: max. 160 mA
All 32 LEDs off: max. 6 mA

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 0.8 Hz

LED colors red, yellow

Ordering Information

BAT 100 LSN Display Panel **BAT 100**

Universally-usable remote parallel display with up to 96 LEDs

Accessories

ATG 100 LSN red LED Kit, Red **ATG 100 LSN red**

Kit for Remote Display Panel with 32 red LEDs

ATG 100 LSN ye LED Kit, Yellow **ATG 100 LSN ye**

Kit for Remote Display Panel with 32 yellow LEDs

ATG100-16red-16ye LED Kit, Red/Yellow **ATG100-16red-16ye**

Kit for Remote Display Panel with 16 red and 16 yellow LEDs

Labeling Strips **BAT100-LABELS**

PU = 10 units

ATB 100 LSN for Incorporation into Location Map Panels **ATB 100 LSN**

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