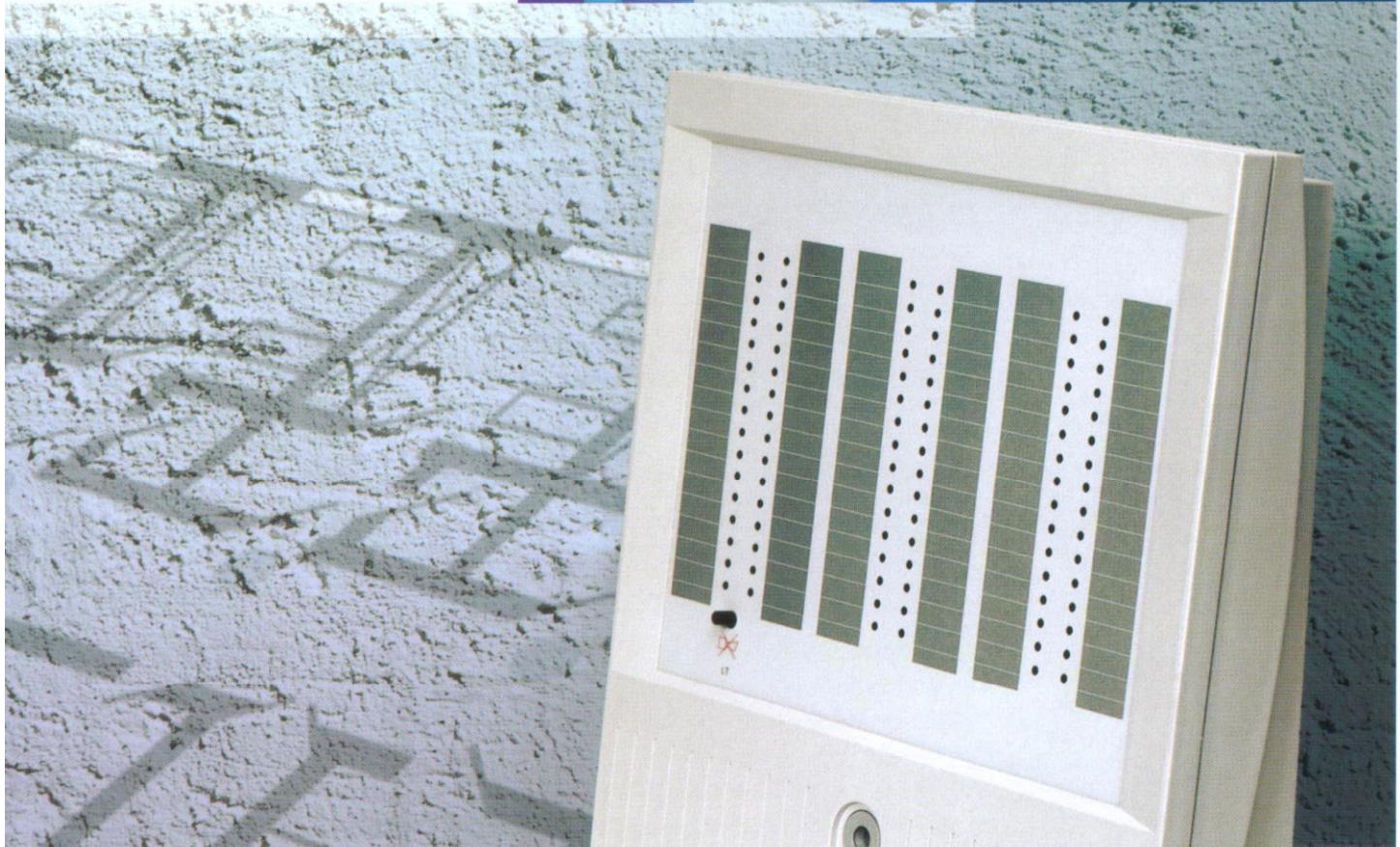


BAT 100 LSN and ATB 100 LSN Indicator Panels



Security Systems



LSN* The BAT 100 LSN is a display tableau for fire and emergency calls which can be used universally. The BAT 100 LSN can be enlarged from a 32 to a 96 LED tableau by means of a second assembly group ATG 100 LSN.

* registered trade mark of Robert Bosch GmbH, Stuttgart

Security you can rely on.

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Features and technical specifications

An assembly group includes either 32 red alarm LED's or 32 yellow interference LED's (e.g. "disconnection" indicators). A mixed denomination (16 red and 16 yellow LED's) is also possible.

The tableau is equipped with a buzzer and a reset button for the acoustics. The LED's can be checked using this button if there is no alarm. The front of the tableau can be labelled, and appropriate slides, which can simply be printed on, are supplied for this purpose.

The exchange of information between the fire alarm / security system and the tableau is monitored. The ATG 100 LSN has a built-in isolator to ensure the complete functionality of all elements in a LSN ring in the event of a short-circuit or severing of a cable.

ATG 100 LSN / ATB 100 LSN

Operating voltage	12V to 30V DC
- LSN-part	12V to 30V DC
- Remaining functions	8V to 30V DC
Current consumption	3mA
- LSN-part	< 160mA
- Remaining functions	< 160mA
LED output	
- Maximal current	5mA
- Maximal voltage	5V
- Short-circuit resistant	yes (in each case 1 output only)
Flash frequency	aprox. 0.8Hz
Ambient temperature	0 °C to +50 °C (273 °K to 323 °K)
Ambient climate	DIN 40 040 R14
Type of protection	IP 40

Housing BAT 100 LSN

Material	lid and lower part plastic
Colour	grey-white
Weight	approx. 1kg
Dimensions (W x H x D)	270 x 270 x 75 mm

Code-number

- BAT 100 LSN (housing)	4.998.000.922
- ATG 100 LSN (32 red LED)	3.902.102.630
- ATG 100 LSN (32 yellow LED)	3.902.102.633
- ATG 100 LSN (16 red and 16 yellow LED)	4.998.085.167
- Slides for labelling (10 pieces)	4.998.001.941
- ATB 100 LSN	3.902.102.631
VdS approval	G 297 040
	G 298 030

The ATB 100 LSN is a unit which enables the realisation of site specific and customer specific tableaux. The unit has the same performance characteristics as the ATG 100 LSN. Instead of the LED and the reset

button there are input and outputs with galvanised separation which use an optocoupler. Through which, external 32 LED's can be controlled, buzzers reset, and the LED check performed.

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