



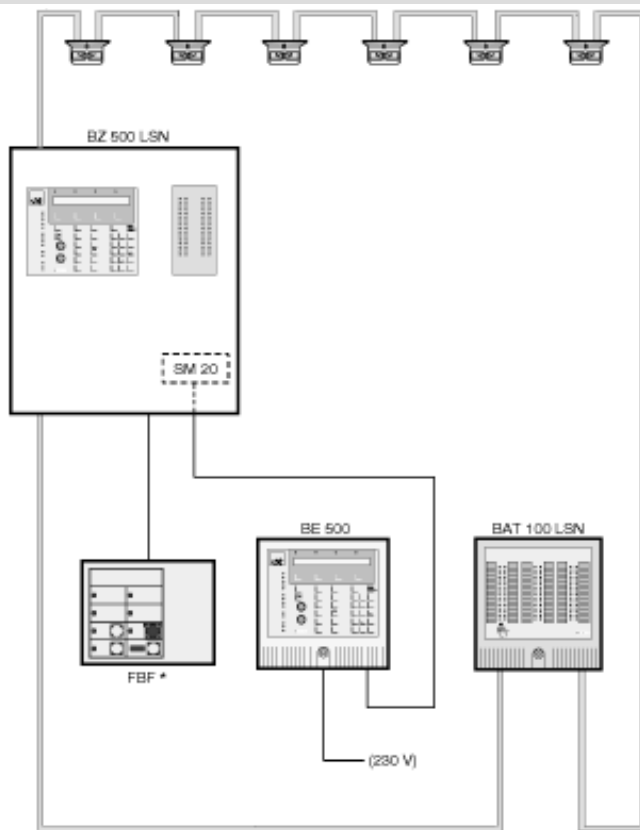
## BE 500 Remote Operating Panel



- ▶ Display and operating interface identical to the BZ 500 LSN
- ▶ Membrane keypad with acoustic confirmation of each keypress
- ▶ Two-line, lighted display with 40 characters per line
- ▶ Cumulative display via LEDs
- ▶ Power supply of the internal buzzer in case of power failure or malfunction of the serial interface guaranteed for approx. 1 h

The BE 500 is a Remote Operating Panel for displaying and processing messages arriving from the fire detection system.

**System Overview**



\* Fire Service Control Panel (only in Germany)

**Functions**

All operating procedures in the same scope as on the BZ 500 LSN can be carried out on the BE 500 Remote Operating Panel. On the Local SecurityNetwork LSN, it is possible to work simultaneously on several BE 500s (up to 3 per BZ 500).

The BE 500 can be equipped with two key switches, each with two switch settings.

Each switch can be freely programmed, e. g.

- Switch 1: Switch between day/night mode
- Switch 2: Connect/disconnect local alarm signaling.

The power supply occurs via the BZ 500 LSN or the integrated power pack (230 V).

**Certifications and Approvals**

Region	Certification	
Germany	VdS	G 298054 BE 500
Europe	CE	BE 500

Region	Certification	
Turkey	TSE	14.10.01/TSE-4691 BZ500LSN, BE500
Hungary	TMT	TMT-50-6/2004 BE 500, BE 1000

**Installation/Configuration Notes**

- Up to three BE 500s can be connected to a BZ 500 LSN. For this, the following items are required for the BZ 500 LSN:
  - BS ERSE 10
  - Per BE 500 one SM 20 interface module.
- Maximum cable length between BZ 500 LSN and BE 500 with **power supply via the BZ 500 LSN**:
  - Minimum output voltage BZ 500 LSN:  $U_{BZ} = 10.8 V$
  - Minimum input voltage BE 500:  $U_{BE} = 10.2 V$
  - Line resistance:  $2 \times R_L/2 \leq 1.5 \Omega$

**Wire gauge / wire diameter**

- Ø 0.6 mm
- Ø 0.8 mm
- 1.0 mm<sup>2</sup>.
- 1.4 mm<sup>2</sup>.

**Max. line length**

- approx. 20 m
- approx. 30 m
- approx. 50 m
- approx. 100 m

- In case of **power supply via the integrated power pack**, the maximum cable length between the BZ 500 LSN and BE 500 1000 m.

**Parts Included**

Qty.	Components
1	Plastic housing, light grey
1	Operating panel with labeling in national language
1	Electronic operating panel BEB 10
1	Connection board BAB 10
1	0.5 A power supply unit

**Technical Specifications**

**Electrical**

AC line voltage	230 V AC (-15%/+10%), 50 Hz
Current consumption in case of $U_{Ext} = 14.8 V DC$	
• In standby mode	65 mA
• During an alarm	120 mA (with display lighting)
Power consumption	5 W
Input voltage $U_{Ext}$ with supply via BZ 500	10.2 V DC . . . 14.8 V DC

**Mechanics**

## Dimensions (W x H x D)

• With key switch	270 x 270 x 85 mm
• Without key switch	270 x 270 x 75 mm

## Color

• Housing	Light gray, RAL 9002
• Operating Panel	Pale gray, Bosch NCS

Weight	2.3 kg
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**Environmental conditions**

Protection class as per EN 60529	IP 30
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Permissible operating temperature	-5 °C . . . +45 °C
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Permissible storage temperature	-20 °C . . . +60 °C
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**Special features**

Malfunction signaling (intermittent buzzer)	> 1 h
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Back-up time	Approx. 1 h (in accordance with VDE 0833)
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**Ordering Information**

<b>BE 500 cz with Czech Labeling</b> Remote Operating Panel for the display and processing of messages that arrive from the fire detection system	<b>BE 500 CZ</b>
<b>BE 500 pt with Portuguese Labeling</b> Remote Operating Panel for the display and processing of messages that arrive from the fire detection system	<b>BE 500 PT</b>
<b>BE 500 nl with Dutch Labeling</b> Remote Operating Panel for the display and processing of messages that arrive from the fire detection system	<b>BE 500 NL</b>
<b>BE 500 hu with Hungarian Labeling</b> Remote Operating Panel for the display and processing of messages that arrive from the fire detection system	<b>BE 500 HU</b>

**Ordering Information**

<b>BE 500 de with German Labeling</b> Remote Operating Panel for the display and processing of messages that arrive from the fire detection system	<b>BE 500</b>
<b>BE 500 en with English Labeling</b> Remote Operating Panel for the display and processing of messages that arrive from the fire detection system	<b>BE 500 GB</b>
<b>BE 500 fr with French Labeling</b> Remote Operating Panel for the display and processing of messages that arrive from the fire detection system	<b>BE 500 FR</b>
<b>BE 500 es with Spanish Labeling</b> Remote Operating Panel for the display and processing of messages that arrive from the fire detection system	<b>BE 500 ES</b>
<b>BE 500 it with Italian Labeling</b> Remote Operating Panel for the display and processing of messages that arrive from the fire detection system	<b>BE 500 IT</b>
<b>BE 500 da with Danish Labeling</b> Remote Operating Panel for the display and processing of messages that arrive from the fire detection system	<b>BE 500 DA</b>
<b>BE 500 pl with Polish Labeling</b> Remote Operating Panel for the display and processing of messages that arrive from the fire detection system	<b>BE 500 PL</b>

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