

**Built-in telephone ZB 02**  
**for cabinets or panels**  
**(for vertical or horizontal mounting)**  
**without batteries**  
**current supply via external supply 24 V=**

Part no.: 60420

Product description:

- electronic speaking wiring
- optic and simultaneous ringing generation through pressing the ringing button
- connection at damp room socket with Amphenol round plug (screw connection)
- connection terminals for telephone lines
- energy supply via external supply from a central battery with nominal voltage 24 V =
- pushbutton in the handset for speaking operation
- bores for mounting in cabinets or panel
- handset suspension for vertical mounting
  
- Housing: aluminium, painted
- Handset: ABS impact resistant, antistatic
- wire bracket for suspending the earphone
- Colour: black
- Delivery condition: with dynamic hearing and speaking capsule

Application example:

- telephone instrument in cabinets or as panel mounting
- telephone instrument in central battery operation
- for use in ski-lift operation

Requirements

1. Voltage supply

A central or emergency current battery of 24 Volt must be available.

2. Earthing cable

- a) with 3 telephones with a connection relay for additional device and max. line length of 2 km: 5 x 0,8 n Cu - telephone cable, twisted in pairs.
  - b) with 4 telephones with a connection relay for additional devices and max. line length of 4 km: 7 x 0,8 n Cu - telephone cable, twisted in pairs.
- Voltage supply line, switch 2 wires parallel!

3. Overvoltage protection

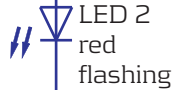
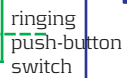
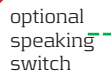
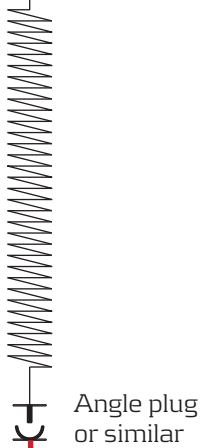
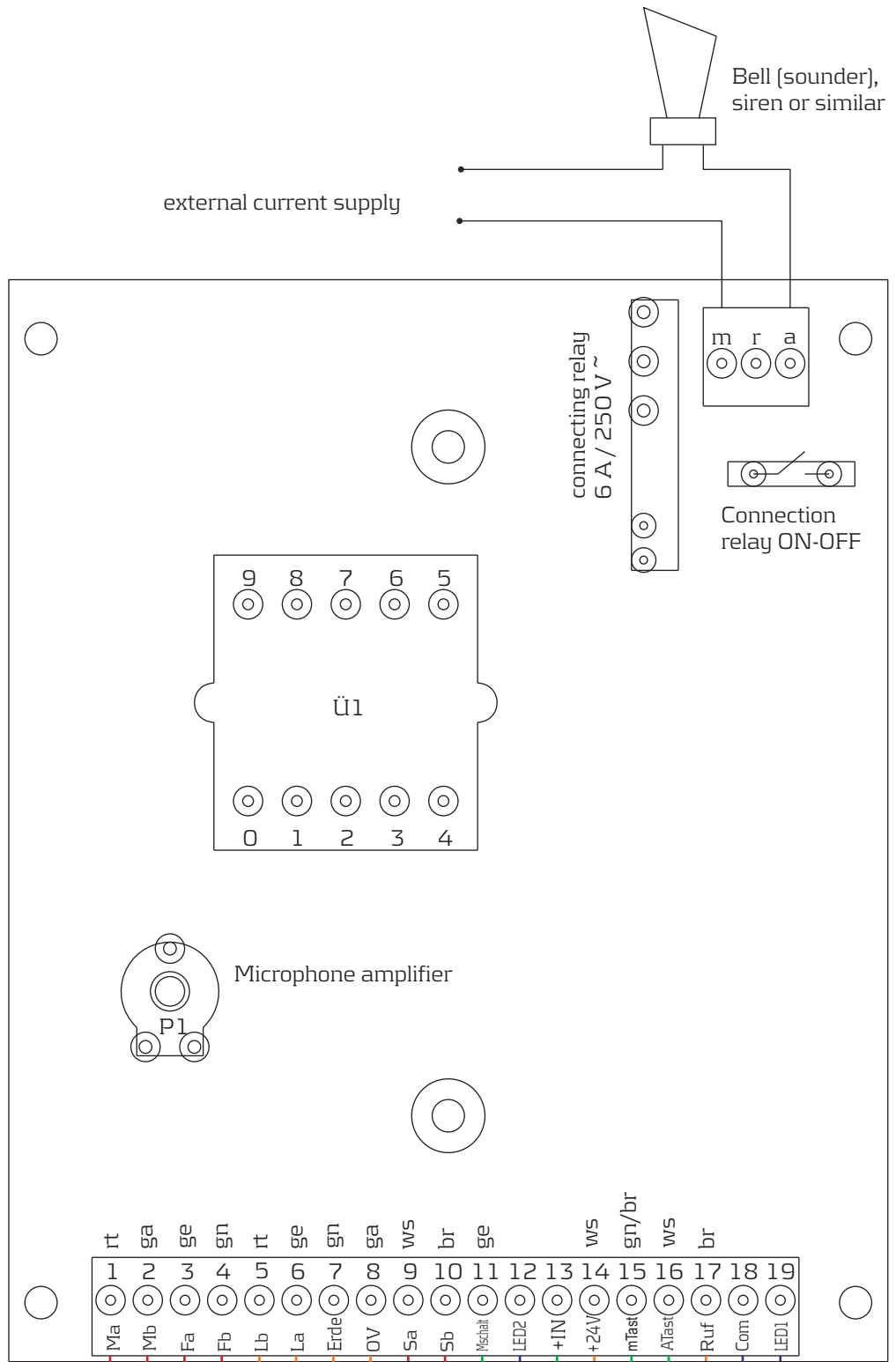
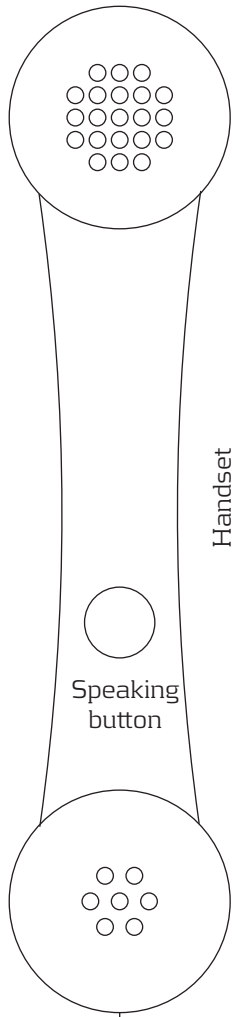
An earth line for the overvoltage protection (thunderstorm) must be made available at each speaking point (existing lightning conductor / fundament earthing electrode).

4. Sound ringing signalling

The ringing is carried out by pressing the ringing button. For your own checking, the integral Piezo buzzer sounds and the LED lights up at the same time.

Subject to alterations.

# Printed circuit wiring ZB 02



optional