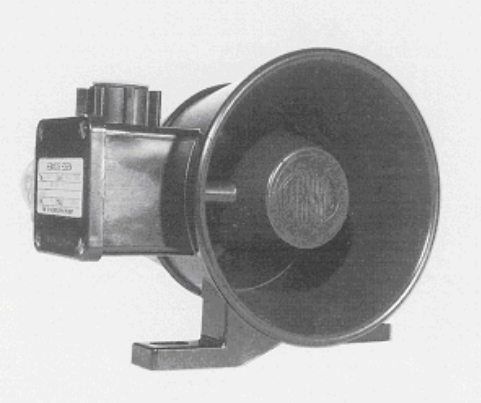
Product Information

FHF Bergbautechnik GmbH & Co. KG

Ringing Loudspeaker Type 5801A, 5801K, 5802

Ordering Data

Designation	Type	Item no.
Ringing loudspeaker (impedance 200 Ω)	5801A	123 720 06 AX
Ringing loudspeaker (impedance 200 Ω with capacitor)	5801K	123 720 03 AX
Ringing loudspeaker (impedance 8 Ω)	5802	123 720 01 AX



- **Protected against impress of water and dust**
- **Plastic housing**
- **High sound pressure level**
- **Protection type I M 1 EEx ia I**

Use

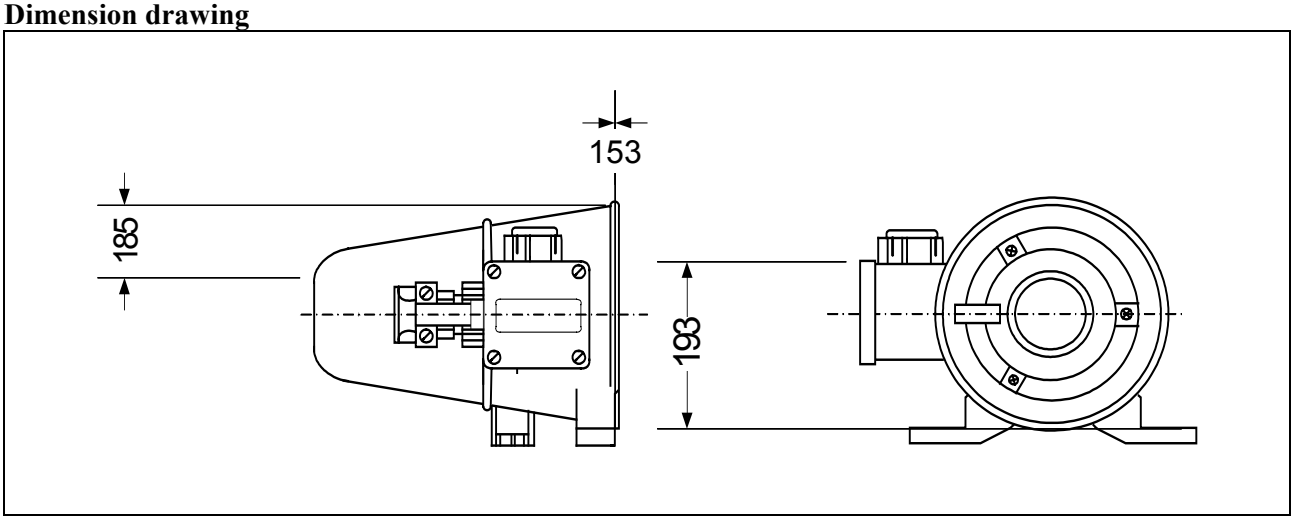
The ringing loudspeaker (ringing horn) type 5801/5802 is an acoustical signalling device in intrinsically safe installations within firedamp areas.
The ringing loudspeaker conforms to protection type EEx ia I and must be supplied with power by an intrinsically safe power supply unit.
The high efficiency of the pressure chamber system converts the only limited power which is available in intrinsically safe electric circuits into a high sound pressure level and ensures good intelligibility.

Configuration

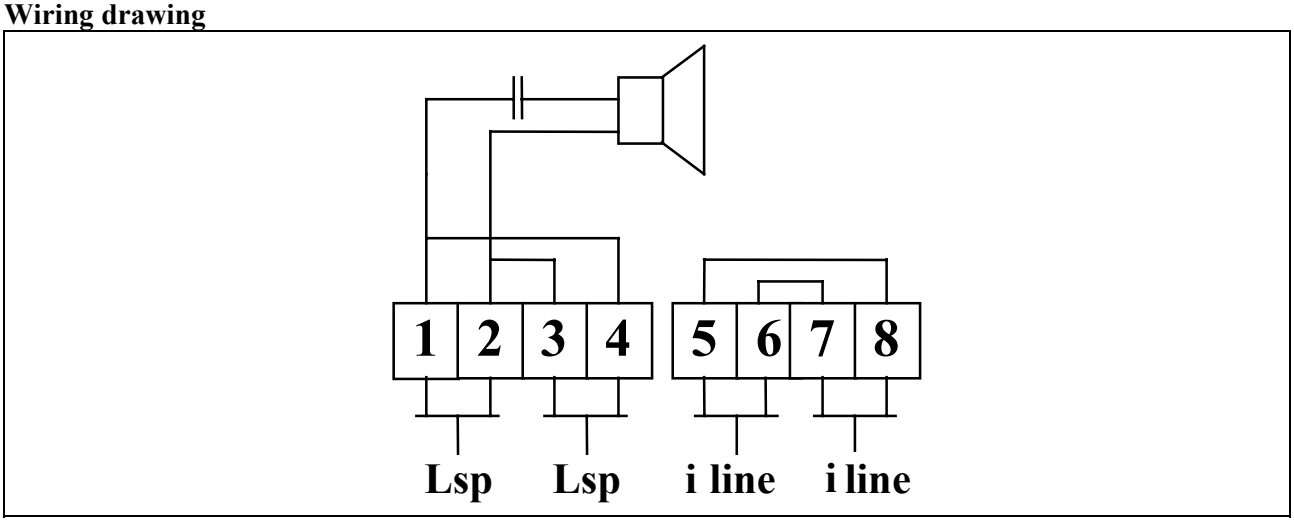
The ringing loudspeaker (ringing horn) is a pressure chamber loudspeaker. It consists of a top section with integrated terminal box, two mounting brackets and a horn-shaped bottom section which is fixed to the top section. All housing components are made from plastics.
The dynamic capsule used as sound transducer is integrated, and thus protected against impress of water and dust, into the top section which is also provided with the sound emission opening.

The terminal box is connected with the top section through a conduit. This terminal box accommodates the multipole terminal strip. The loudspeaker is connected at the terminals Kl. 1 – Kl. 2 or Kl. 3 – Kl. 4 (Kl. 1 and Kl. 4 or Kl. 2 and Kl. 3 are connected in parallel).
The terminal housing contains two other pairs of terminals (Kl. 5//8 and Kl. 6//7) which can be used for the interconnection of a separate intrinsically safe power circuit.

Dimension drawing



Wiring drawing



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