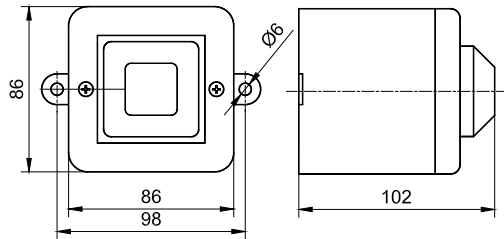


# SON 4-LED

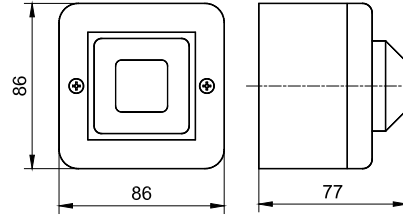
## Anschluss-und Montagehinweise/ Connection and installation instructions

### 1. Maße / Dimensions

#### AC-Version

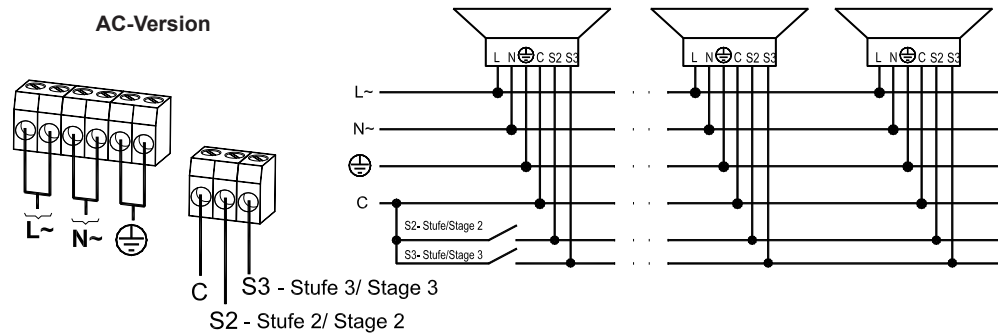


#### DC-Version



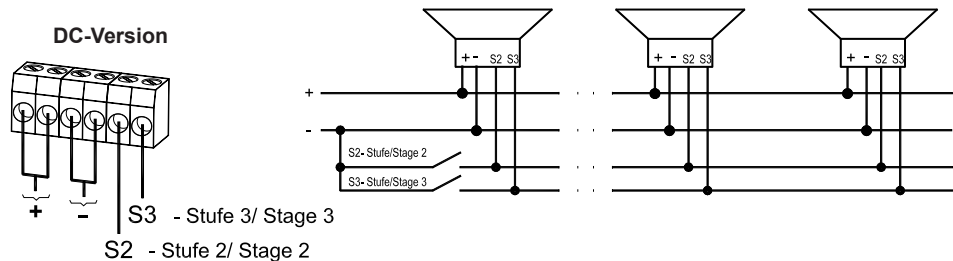
### 2. Inbetriebnahme/ Taking into operation

#### AC-Version



S3 - Stufe 3/ Stage 3  
S2 - Stufe 2/ Stage 2

#### DC-Version



S3 - Stufe 3/ Stage 3  
S2 - Stufe 2/ Stage 2

Kabelanschluss: 0,5 - 2,5mm<sup>2</sup>  
Terminal blocks will accept 0,5 - 2,5<sup>2</sup>

Lautstärkeregelung  
Volume control

### 3. Tonauswahl/ Tone Selection

Grundton-Nr. Stage 1	Tonart Tone description	Stufe 2 Stage 2 (S2)	Stufe 3 Stage 3 (S3)
1	Wechselton 800 Hz / 1000 Hz, Wechsel alle 0,25 s Alternating 800 Hz / 1000 Hz @ 0,25s	8	5
2	Ansteigender Ton 500Hz – 1200Hz, Dauer 3s, 0,5s Pause Slow whoop 500/1200 Hz 3s signal, 0,5s off	1	8
3	Sägezahn 1200Hz / 500Hz innerhalb 1 s Sawtooth 1200/500Hz @ 1Hz	1	8
4	Wechselton 544 Hz für 100ms, 440Hz für 400ms (NF S 32-001) Alternating 544Hz 100ms – 440 Hz 400ms	9	2
5	Dauerton 1000 Hz/ Continuous 1000 Hz	1	6
6	Simulierte Glocke Simulated Bell sound	1	8
7	Hochtonsummer 800Hz/1000Hz, Schaltfrequenz 7 Hz Sweeping 800/1000Hz @ 7 Hz	5	1
8	Hochtonsummer 2400Hz/ 2900Hz, Schaltfrequenz 50 Hz Sweeping 2400/2900Hz @ 50 Hz	5	1
9	420 Hz – 0,625s Australisches Räumungs-Signal 420 Hz@0,625s - Australian Evacuation	10	5
10	Ansteigender Ton 500Hz – 1200Hz, Dauer 3,75s, 0,25s Pause Slow whoop 500/1200 Hz 3,75s signal, 0,25s off	6	5

Ton/ Tone: 1 2 3 4 5 6 7 8 9 10



Tone selection: To select a tone place the pin link in the position shown above  
Tonauswahl: Zur Wahl eines Tones die Steckbrücke in die oben angegebene Position bringen

#### AC-Version

Nennspannung / Rated voltage	230 V AC	115 V AC	24V AC
Funktionsbereich / Voltage range:	+/- 10%		
Stromaufnahme / Current consumption:	20 mA	25 mA	60 mA

#### DC-Version

Nennspannung / Rated voltage	12V DC	24V DC	48V DC
Funktionsbereich / Voltage range:	+/- 25%		
Stromaufnahme / Current consumption:	50 mA	35 mA	40 mA

**Pfannenberg**  
ELECTRO-TECHNOLOGY FOR INDUSTRY



Pfannenberg GmbH  
Werner-Witt-Str.1  
D-21035 Hamburg  
Tel. 0 40/7 34 12-0 · Fax: 0 40/7 34 12-101  
http://www.pfannenberg.com

09/2020  
Technische Änderungen, die dem Fortschritt dienen, vorbehalten.  
We reserve the right to make any technical alterations in the interest of improvement.