Elektronische Mehrtonsirene ES2
Electronic multitone sounder ES2

Montageanweisung / *Instruction sheet*

ACHTUNG: Schalten Sie den Strom während der Installation oder bei Wartungsarbeiten ab um einen elektrischen Schlag zu vermeiden. Prüfen Sie die Spannung und Frequenz der Stromquelle.

ATTENTION: Disconnect from power source to prevent electrical shock before installing or servicing. Check power supply voltage and frequency.

Technische Daten / *Technical Data*

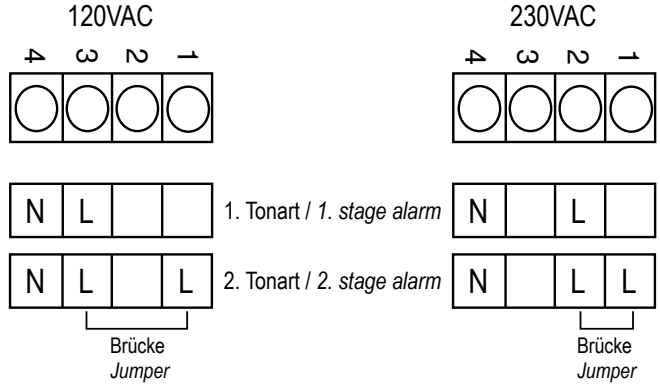
Versorgungsspannung / *nominal voltage*

120 VAC (Klemme / *Terminal* 3 & 4)

230 VAC (Klemme / *Terminal* 2 & 4)

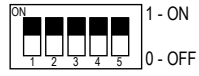
Nennstrom / *nominal current*	12 mA
Schutzart / *Ingress protection*	IP65
Schalldruck / *sound level*	Max. 106 dB
Lautstärkeregelung / *volume control*	-30 dB
Temperaturbereich / *temperature range*	-20°C .. +70°C

Elektrischer Anschluss / *Electrical connection*



Tontabelle / *Tone Table*

Hinweis: Dieses Produkt entspricht nicht der EN54-3.
Note: This product is not designed to be EN54-3 compliant.



Nr. / *No.*	Tonart	*Tone type*	DIP-Schalter *DIP-switch*	2. Tonart *2. stage alarm*
1	Trillerton 800/1000 Hz @ 0.5 Sek.	Warble tone 800/1000 Hz @ 0.5 sec..	1 1 1 1 1	800
2	Trillerton 800/1000 Hz @ 0.25 Sek.	Warble tone 800/1000 Hz @ 0.25 sec.	0 1 1 1 1	1000
3	Unterbrochener Ton 800Hz @ 0.5 Sec ein/aus	Interrupted tone 800 Hz @ 0.5 Sec on/off	1 0 1 1 1	800
4	Unterbrochener Ton 1000Hz @ 0.25 Sek. ein/aus	Interrupted tone 1000 Hz @ 0.25 sec. on/off	0 0 1 1 1	1000
5	Langsam ansteigend, 500-1200Hz in 3 Sek.; 0.5 Sek. aus	Slow whoop, 500-1200 Hz in 3 sec.; 0.5 sec. off	1 1 0 1 1	500
6	Langsam abfallend, 1200-500Hz in 3 Sek.; 0.5 Sek. aus	Slow whoop, 1200-500 Hz in 3 sec.; 0.5 sec. off	0 1 0 1 1	1200
7	Australisches Alarmsignal, ansteigend 500-1200 Hz in 3.5 Sek.; 0.25 Sek.aus	Australian Slow Whoop 500-1200 Hz in 3.5 sec.; 0.25 sec.off	1 0 0 1 1	500
8	Niedrige Frequenz, aufsteigend 800-1000Hz in 0.5 Sek.	L.F. sweep frequency 800-1000 Hz in 0.5 sec.	0 0 0 1 1	800
9	Niedrige Frequenz, aufsteigend 800-1000Hz in 0.25 Sek.	L.F. sweep frequency 800-1000 Hz in 0.25 sec	1 1 1 0 1	800
10	Niedrige Frequenz, aufsteigend 800-1000Hz in 1 Sek.	L.F. sweep frequency 800-1000 Hz in 1 sec.	0 1 1 0 1	800
11	Abfallend 1200-500Hz in 1Sek.	Sweep frequency 1200-500 Hz in 1sec.	1 0 1 0 1	1200
12	Trillerton 554/440Hz @ 0.5 Sek.	Warble tone 554/440 Hz @ 0.5 sec.	0 0 1 0 1	554
13	Trillerton 554Hz für 0.1 Sek./ 440Hz für 0.4 Sek.	Warble tone 554 Hz für 0.1 sec./ 440Hz für 0.4 sec.	1 1 0 0 1	554
14	Unterbrochener Ton 660Hz für 150 msek. ein/aus	Interrupted tone 660 Hz for 150 msec. on/off	0 1 0 0 1	660
15	Unterbrochener Ton 660Hz für 1.8 Sek. ein/aus	Interrupted tone 660 Hz for 1.8 sec. on/off	1 0 0 0 1	660
16	Unterbrochener Ton 660Hz für 570 msek. ein/aus	Interrupted tone 660 Hz for 570 msec. on/off	0 0 0 0 1	660
17	3er Gruppe- Unterbrochener Ton 1000Hz @ 0.5 Sek. ein/aus; 1.5 Sek. aus	Group of 3 interruped tone 1000 Hz @ 0.5 sec. on/off; 1.5 sec. of	1 1 1 1 0	1000
18	3er Gruppe- Trillerton 1000/800Hz @ 0.5 Sek; 1.5 Sek. aus	Group of 3 Warble tone 1000/800 Hz @ 0.5 Sek; 1.5 sec. off	0 1 1 1 0	1000
19	3er Gruppe- ansteigend 500-1200Hz in 0.5 Sek.; 1.5 Sek. aus	Grou of 3 Sweep 500-1200 Hz in 0.5 sec.; 1.5 sec. off	1 0 1 1 0	500
20	3er Gruppe- abfallend 1200-500Hz in 0.5 Sek.; 1.5 Sek. aus	Group of 3 Sweep 1200-500 Hz in 0.5 sec.; 1.5 sec. off	0 0 1 1 0	1200
21	Linear ansteigend 2000-2500Hz in 0.5 Sek.	Linear frequency sweep 2000-2500 Hz in 0.5 sec..	1 1 0 1 0	2000
22	Linear ansteigend 2000-2500Hz in 0.25 Sek.	Linear frequency sweep 2000-2500 Hz in 0.25 sec.	0 1 0 1 0	2000
23	Hohe Frequenz, unterbrochener Ton 2000/2500Hz @ 0.5 Sek.	H.F. interrupted tone 2000/2500 Hz @ 0.5 sec.	1 0 0 1 0	2000
24	Hohe Frequenz, unterbrochener Ton 2000/2500Hz @ 0.25 Sek.	H.F. interrupted tone 2000/2500 Hz @ 0.25 sec.	0 0 0 1 0	2000
25	Hohe Frequenz, unterbrochener Ton 2850Hz @ 150 msek. ein/aus	H.F. interrupted tone 2850 Hz @ 150 msec. on/off	1 1 1 0 0	2000
26	Hohe Frequenz, unterbrochener Ton 800Hz @ 0.5 Sek.ein/aus	H.F. interrupted tone 800 Hz @ 0.5 sec.on/off	0 1 1 0 0	2850
27	Hohe Frequenz, sehr schnell ansteigend 2400-2800Hz in 20 msek. (50Hz)	Very Fast H.F. Sweep 2400-2800 Hz in 20 msec. (50 Hz)	1 0 1 0 0	2400
28	Hohe Frequenz, schnell ansteigend 2400-2800Hz in 0.143 Sek (7Hz)	Fast H.F. Sweep 2400-2800 Hz in 0.143 Sec (7 Hz)	0 0 1 0 0	2400
29	Hohe Frequenz, ansteigend 2400-2800Hz in 0.5 Sek. (2Hz)	H.F. Sweep 2400-2800 Hz in 0.5 sec. (2 Hz)	1 1 0 0 0	2400
30	2-fach ansteigend, 500-1200, abfallend in 0.25 Sek.	2 way ramp, 500-1200, rising then falling in 0.25 sec.	0 1 0 0 0	500
31	Sirene,2-fach ansteigend in 3 Sek., abfallend in 3 Sek., 500-1200Hz	Siren 2 way Ramp rising 3 sec., falling 3 sec., 500-1200 Hz	1 0 0 0 0	500
32	Ding Dong 2700Hz- 0Hz, dann 570Hz- 0Hz; aus für 4 Sek.	Ding Dong 2700 Hz- 0 Hz, then 570 Hz- 0 Hz; off for 4 sec.	0 0 0 0 0	700