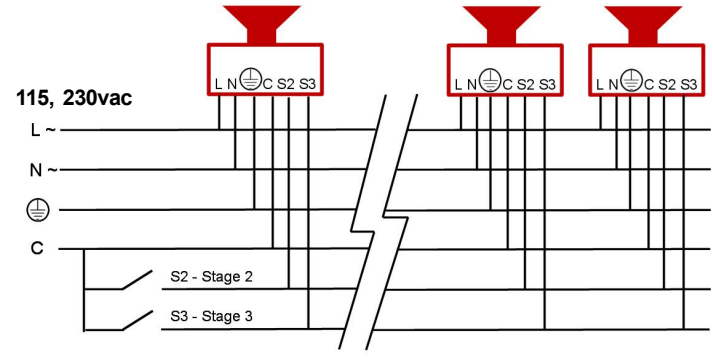
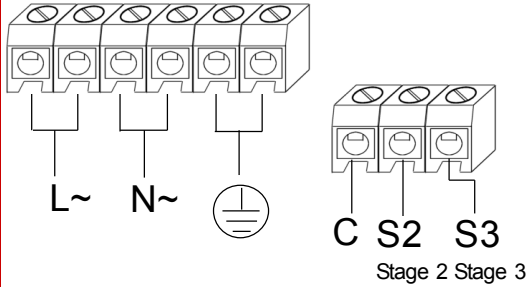
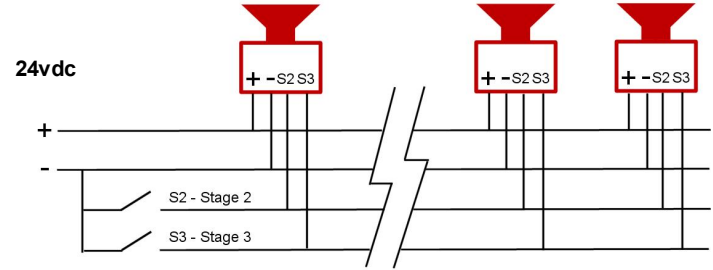
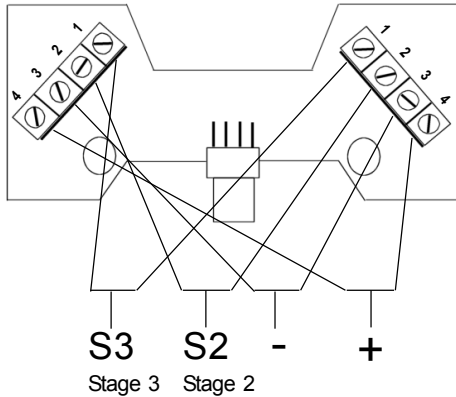
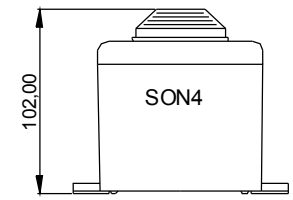
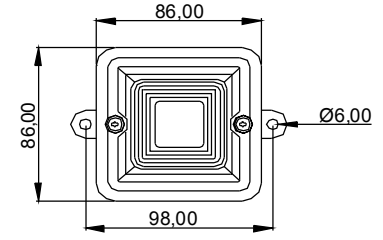




# SON4 - 32 Tone Sounder & Xenon Beacon 'Sonora'



SON4



Voltage :	24vdc	24vac	115vac	230vac
		50/60Hz	50/60Hz	50/60Hz
Voltage range :	+/-25%	+/-25%	+/-10%	+/-10%
Current mA :	100mA*	40-90mA	35mA	20mA

\* Current at nominal voltage on Tone 2.

SON4 24vdc unit is CPD Compliant. EN54-3 Type B IP55. Beacon is not compliant.

Stage1 tone	Frequency Description	The tones listed have been tested to EN54-3 and are compliant with the Construction Product Directive 89/106/EEC.
Tone 2	800/1000Hz @ 0.25 sec Alternating	
Tone 3	500/1200Hz @ 0.3Hz 0.5 sec Slow Whoop	
Tone 9	1200/500Hz @ 1Hz - DIN / PFEER P.T.A.P.	
Tone 15	800Hz Continuous	
Tone 16	660Hz 150ms ON 150ms OFF	
Tone 17	544Hz (100ms)/440Hz (400ms) - NF S 32-001	EN54-3 test data: document D0665

Please note: Stages 2 & 3 are not VDS Approved

Stage 1	Frequency Description.	Switch						Stage 2	Stage 3
		1	2	3	4	5	6	(S2)	(S3)
Tone 1	340 Hz Continuous							Tone 2	Tone 5
Tone 2	800/1000Hz @ 0.25 sec Alternating							Tone 17	Tone 5
Tone 3	500/1200Hz @ 0.3Hz 0.5 sec Slow Whoop							Tone 2	Tone 5
Tone 4	800/1000Hz @ 1Hz Sweeping							Tone 6	Tone 5
Tone 5	2400Hz Continuous							Tone 3	Tone 26
Tone 6	2400/2900Hz @ 7Hz Sweeping							Tone 7	Tone 5
Tone 7	2400/2900Hz @ 1Hz Sweeping							Tone 10	Tone 5
Tone 8	500/1200/500Hz @ 0.3Hz Sweeping							Tone 2	Tone 5
Tone 9	1200/500Hz @ 1Hz - DIN / PFEER P.T.A.P.							Tone 15	Tone 2
Tone 10	2400/2900Hz @ 2Hz Alternating							Tone 7	Tone 5
Tone 11	1000Hz @ 1Hz Intermittent							Tone 2	Tone 5
Tone 12	800/1000Hz @ 0.875Hz Alternating							Tone 4	Tone 5
Tone 13	2400Hz @ 1Hz Intermittent							Tone 15	Tone 5
Tone 14	800Hz 0.25sec on, 1 sec off Intermittent							Tone 4	Tone 5
Tone 15	800Hz Continuous							Tone 2	Tone 5
Tone 16	660Hz 150mS on, 150mS off Intermittent							Tone 18	Tone 5
Tone 17	544Hz (100mS)/440Hz (400mS) - NF S 32-001							Tone 2	Tone 27
Tone 18	660Hz 1.8sec on, 1.8sec off Intermittent							Tone 2	Tone 5
Tone 19	1.4KHz-1.6KHz 1s, 1.6KHz-1.4KHz 0.5s -NFC48-265							Tone 2	Tone 5
Tone 20	660Hz Continuous							Tone 2	Tone 5
Tone 21	554Hz/440Hz @ 1Hz Alternating							Tone 2	Tone 5
Tone 22	544Hz @ 0.875 sec. Intermittent							Tone 2	Tone 5
Tone 23	800Hz @ 2Hz Intermittent							Tone 6	Tone 5
Tone 24	800/1000Hz @ 50Hz Sweeping							Tone 29	Tone 5
Tone 25	2400/2900Hz @ 50Hz Sweeping							Tone 29	Tone 5
Tone 26	Bell							Tone 2	Tone 15
Tone 27	554Hz Continuous							Tone 26	Tone 5
Tone 28	440Hz Continuous							Tone 2	Tone 5
Tone 29	800/1000Hz @ 7Hz Sweeping							Tone 7	Tone 5
Tone 30	420Hz @ 0.625 sec Australian Alert							Tone 32	Tone 26
Tone 31	660/1200Hz @ 1Hz Sweeping							Tone 26	Tone 5
Tone 32	500-1200Hz 3.75sec /0.25sec. Australian Evac.							Tone 30	Tone 26

Tone Selection / switch setting.

- Switch settings are shown in the tone table. Black squares are the switch levers in the ON position.
- Les réglages des commutateurs sont indiqués sur le tableau de tonalités. Les carrés noirs représentent les leviers des commutateurs en position MARCHÉ (ON).
- Die Schaltereinstellungen sind in der Tabelle der Töne angegeben. Die schwarzen Quadrate kennzeichnen die Ein-Positionen der Schalter.
- Le impostazioni degli interruttori sono mostrate nella tabella dei segnali acustici. I riquadri neri indicano le leve degli interruttori nella posizione ON.
- Los ajustes de interruptor se muestran en la tabla de tonos. Los cuadros negros representan las palancas de los interruptores en la posición ON.
- Os ajustes dos interruptores estão indicados na tabela de sons. Os quadrados pretos indicam que as alavancas dos interruptores estão na posição LIGADA.
- Kontakttindstillingerne fremgår af toneskemaet. Et sort felt betyder, at kontakten er aktiv ("ON").
- De schakelinstellingen staan vermeld in de toontabel. Zwarte vierkanten zijn de schakelaars in de stand AAN.
- Bryterinnstillinger er beskrevet i tonetabellen. De svarte firkantene indikerer bryterposisjonene i PÅ- posisjon.
- Brytarinställningarna visas i signaltabellen. De svarta fyrkanterna är brytarna i ON-läge.

NOTE: Please check factory settings and ensure the correct alarm tone is selected for your country or application. Pas op: bij ingebruikstelling dient u zich ervan te overtuigen dat de unit op de juiste toon is ingesteld.



>100dB(A)@1m.



- Tone Selection
- Sélection de la tonalité
- Tonwahl
- Selezione tono
- Seleção de tons
- Selección Tono
- Vælg af tone
- Toonselectie
- Velge tone
- Tonval

- Switch 6 is not used; Switch 8 'ON' = Intermediate volume; Switch 7 'ON' = Max volume; Switch 7 & 8 'OFF' = Standard volume.
- Le commutateur 6 n'est pas utilisé ; Commutateur 8 « MARCHÉ » (ON) = Volume intermédiaire ; Commutateur 9 « MARCHÉ » (ON) = Volume max ; Commutateurs 7 et 8 « ARRÊT » (OFF) = Volume standard.
- Schalter 6 wird nicht verwendet; Schalter 8 „Ein“ = mittlere Lautstärke; Schalter 7 „Ein“ = max. Lautstärke; Schalter 7 und 8 „Aus“ = Standard-Lautstärke
- Interruttore 6 non viene utilizzato; Interruttore 8 'ON' = Volume intermedio; Interruttore 7 'ON' = Volume massimo; Interruttori 7 e 8 'OFF' = Volume standard.
- El interruptor 6 no se utiliza; Interruptor 8 'ON' = volumen intermedio; Interruptor 7 'ON' = máximo volumen; Interruptor 7 y 8 'OFF' = volumen estándar.
- Interruptor 6 não é utilizado; Interruptor 8 'LIGADO' = volume intermédio; Interruptor 7 'LIGADO' = volume máximo; Interruptor 7 e 8 'DESLIGADOS' = volume padrão.
- Kontakt 6 bruges ikke. Kontakt 8 aktiveret ("ON") = mellemvolumen. Kontakt 7 aktiveret ("ON") = højeste volumen. Kontakt 7 og 8 deaktiveret ("OFF") = standardvolumen.
- Schakelaar 6 wordt niet gebruikt; schakelaar 8 'ON' = tussenvolume; Schakelaar 7 'ON' = max.volume; Schakelaar 7 & 8 'OFF' = standaardvolume.
- Bryter 6 er ikke i bruk. Bryter 8 PÅ ('ON') = mellom høy lydstyrke. Bryter 7 PÅ ('ON') = Maks. lyd styrke.; Bryter 7 & 8 AV ('OFF') = Standard lydstyrke.
- Brytare 6 används ej; Brytare 8 'ON' = Mellanvolym; Brytare 7 'ON' = Max.volym; Brytare 7 & 8 'OFF' = Standardvolym.



ATTENTION

- Disconnect from power source to prevent electrical shock before installing and servicing
- Couper l'alimentation pour empêcher tout choc électrique avant d'effectuer des travaux d'installation et d'entretien.
- Vor der Installation und Wartung von der Spannungsquelle abnehmen, um elektrische Schläge zu vermeiden.
- Prima dell'installazione e della manutenzione spegnere l'alimentazione elettrica per evitare scosse elettriche.
- Des conecte a alimentación para evitar descargas eléctricas antes de la instalación y mantenimiento
- Antes de instalar ou de fazer a manutenção desligue sempre da alimentação elétrica para evitar choques elétricos.
- Strømmen skal afbrydes ved installering og eftersyn for at undgå elektrisk stød.
- Los koppel van de elektrische voeding om elektrische schok vóór installatie en onderhoud te voorkomen.
- Før monterig eller vedlikehold, må spenningen koples fra for å unngå strømstøt.
- Bryt strømmen innan installation och underhåll för att förhindra elektriska stötter stötar.