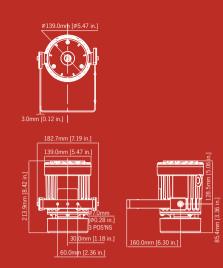
GNExS1-R Omni-directional Alarm Sounder

The flameproof GNExS1-R alarm sounder with a unique radial horn. Suitable for Zone 1 & Zone 2 applications - certified to ATEX and IECEx.

The unique radial horn on the compact GNExS1-R distributes the warning signal omni-directionally. Sound level ouputs are up to 117dB(A) at 1 metre with a choice of 45 alarm tones and 3 remotely selectable stages. The alarm tone frequencies for the first 2 stages are independently selectable. The GNEx range features enclosures manufactured from GRP (glass reinforced polyester), moulded in natural red, but also available in other colours.

The omni-directional flare horn is high impact, fire retardant ABS. All models have two M20 cable entries, large termination areas containing in & out terminals and an ingress protection of IP66/67.



Specification:

Tone table

Tone 2 800/1000Hz @ 0.25 sec Alternating Ary Stage 1 tone Tone 5 Tone 45 Tone 3 500/1200Hz @ 0.3Hz 0.5 sec Slow Whoop Ary Stage 1 tone Tone 5 Tone 29 Tone 5 2400Hz Continuous Ary Stage 1 tone Tone 5 Tone 63 Tone 6 2400/2200Hz @ 7Hz Sweeping Ary Stage 1 tone Tone 5 Tone 45 Tone 7 2400/2200Hz @ 1Hz Sweeping Ary Stage 1 tone Tone 5 Tone 45 Tone 8 500/1200/500Hz @ 0.3Hz Sweeping Ary Stage 1 tone Tone 5 Tone 45 Tone 9 1200/500Hz @ 1Hz Intermittent Ary Stage 1 tone Tone 5 Tone 45 Tone 10 200/200Hz @ 1Hz Intermittent Ary Stage 1 tone Tone 5 Tone 45 Tone 11 1000Hz @ 1Hz Intermittent Ary Stage 1 tone Tone 5 Tone 45 Tone 14 800Hz Ontinuous Ary Stage 1 tone Tone 5 Tone 29 Tone 14 800Hz Ontinuous Ary Stage 1 tone Tone 5 Tone 45 Tone 15 60Hz 1 Soms on, 150mS off Intermittent Ary Stage 1 tone Tone 5 Tone 29	Stage 1	Frequency Description.	Stage 2	Stage 3	Stage 4
Tone 3 500/1200Hz @ 0.3Hz 0.5 sec Slow Whoop Any Stage 1 tone Tone 5 Tone 29 Tone 4 800/1000Hz @ 1Hz Sweeping Any Stage 1 tone Tone 20 Tone 20 Tone 4 Tone 20 Tone 20 Tone 20 Tone 20 Tone 45 Tone 45 Tone 6 2400/L200Hz @ 1Hz Sweeping Any Stage 1 tone Tone 5 Tone 45 Tone 9 1200/500Hz @ 1Hz Sweeping Any Stage 1 tone Tone 5 Tone 45 Tone 9 1200/500Hz @ 1Hz Sweeping Any Stage 1 tone Tone 2 Tone 38 Tone 10 2000/2900Hz @ 1Hz Intermittent Any Stage 1 tone Tone 5 Tone 45 Tone 11 1000Hz @ 1Hz Intermittent Any Stage 1 tone Tone 5 Tone 45 Tone 14 800/1000Hz @ 0.875Hz Alternating Any Stage 1 tone Tone 5 Tone 45 Tone 14 800Hz 0.25sec on, 1 sec off Intermittent Any Stage 1 tone Tone 5 Tone 45 Tone 15 800Hz Continuous Any Stage 1 tone Tone 5 Tone 45 Tone 14 800Hz 0.25sec on, 1 sec off Intermittent Any Stage 1 tone Tone 5	Tone 1	340 Hz Continuous	Any Stage 1 tone	Tone 5	Tone 29
Tone 4 800/1000Hz @ 1Hz Sweeping Any Stage 1 tone Tone 5 Tone 34 Tone 5 2400Hz Continuous Any Stage 1 tone Tone 5 Tone 45 Tone 6 2400/2900Hz @ 1Hz Sweeping Any Stage 1 tone Tone 5 Tone 45 Tone 7 2400/2900Hz @ 1Hz Sweeping Any Stage 1 tone Tone 5 Tone 45 Tone 9 1200/500Hz @ 1Hz Intermittent Any Stage 1 tone Tone 5 Tone 45 Tone 10 2400/2900Hz @ 1Hz Intermittent Any Stage 1 tone Tone 5 Tone 45 Tone 11 1000Hz @ 1Hz Intermittent Any Stage 1 tone Tone 5 Tone 45 Tone 12 800/100Hz @ 0.875Hz Alternating Any Stage 1 tone Tone 5 Tone 45 Tone 14 800Hz O.25sec on, 1 sec off Intermittent Any Stage 1 tone Tone 5 Tone 45 Tone 15 60Hz 150mS on, 150mS off Intermittent Any Stage 1 tone Tone 5 Tone 45 Tone 16 60Hz 1.8sec on, 1.8sec off Intermittent Any Stage 1 tone Tone 5 Tone 29 Tone 17 54Hz (100mS)/440Hz (400mS) - NF S 32:001 Any Stage 1 tone	Tone 2	800/1000Hz @ 0.25 sec Alternating	Any Stage 1 tone	Tone 5	Tone 45
Tone 52400Hz ContinuousAny Stage 1 toneTone 20Tone 29Tone 62400/2900Hz @ 7Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 72400/2900Hz @ 1Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 91200/500Hz @ 1Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 102400/2900Hz @ 1Hz IntermatingAny Stage 1 toneTone 5Tone 45Tone 111000Hz @ 1Hz IntermittentAny Stage 1 toneTone 5Tone 45Tone 12800/1000Hz @ 0.375Hz AlternatingAny Stage 1 toneTone 5Tone 45Tone 14800Hz 0.25sec on, 1 sec off IntermittentAny Stage 1 toneTone 5Tone 45Tone 15800Hz 0.5sec on, 1 sec off IntermittentAny Stage 1 toneTone 5Tone 45Tone 1660Hz 150ms on, 150mS off IntermittentAny Stage 1 toneTone 5Tone 45Tone 17544Hz (100mS)/440Hz (400mS) - NF S 32.001Any Stage 1 toneTone 5Tone 45Tone 1860Hz 1 Soc on, 1 Saec off IntermittentAny Stage 1 toneTone 5Tone 29Tone 2060Hz ContinuousAny Stage 1 toneTone 5Tone 29Tone 2154Hz/40Hz 9 Hz AlternatingAny Stage 1 toneTone 5Tone 29Tone 2260Hz ContinuousAny Stage 1 toneTone 5Tone 29Tone 23800Hz 0.25 sec on, 1 sec off IntermittentAny Stage 1 toneTone 5Tone 29Tone 24800/100Hz Ø T sec onter 5Tone 29Tone 45Tone 27Tone 45 <t< td=""><td>Tone 3</td><td>500/1200Hz @ 0.3Hz 0.5 sec Slow Whoop</td><td>Any Stage 1 tone</td><td>Tone 5</td><td>Tone 29</td></t<>	Tone 3	500/1200Hz @ 0.3Hz 0.5 sec Slow Whoop	Any Stage 1 tone	Tone 5	Tone 29
Tone 6 2400/2900Hz @ 7Hz Sweeping Any Stage 1 tone Tone 5 Tone 45 Tone 7 2400/2900Hz @ 1Hz Sweeping Any Stage 1 tone Tone 5 Tone 45 Tone 8 500/1200/500Hz @ 0.3Hz Sweeping Any Stage 1 tone Tone 5 Tone 45 Tone 10 2400/2900Hz @ 1Hz Internittent Any Stage 1 tone Tone 5 Tone 45 Tone 11 1000Hz @ 1Hz Internittent Any Stage 1 tone Tone 5 Tone 45 Tone 13 2400Hz @ 1Hz Internittent Any Stage 1 tone Tone 5 Tone 45 Tone 14 800Hz 0.25sec on, 1 sec off Internittent Any Stage 1 tone Tone 5 Tone 45 Tone 16 660Hz 150mS on, 150mS off Internittent Any Stage 1 tone Tone 5 Tone 45 Tone 16 660Hz 150mS on, 150mS off Internittent Any Stage 1 tone Tone 5 Tone 45 Tone 16 660Hz 150mS on, 150mS off Internittent Any Stage 1 tone Tone 5 Tone 34 Tone 14 800Hz 0.25sec on, 128cc off Internittent Any Stage 1 tone Tone 5 Tone 45 Tone 20 660Hz 1.50mS on, 126WHz 0.25s NFC48-265	Tone 4	800/1000Hz @ 1Hz Sweeping	Any Stage 1 tone	Tone 5	Tone 34
Tone 72400/2900Hz @ 1Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 8500/1200/500Hz @ 0.3Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 91200/500Hz @ 1Hz DIN / PFEER PTA.P.Any Stage 1 toneTone 5Tone 38Tone 111000Hz @ 1Hz IntermittentAny Stage 1 toneTone 5Tone 45Tone 12800/1000Hz @ 0.75Hz AlternatingAny Stage 1 toneTone 5Tone 45Tone 132400/290Hz @ 7Hz AlternatingAny Stage 1 toneTone 5Tone 45Tone 14800Hz 0.25sec on, 1 sec off IntermittentAny Stage 1 toneTone 5Tone 34Tone 15800Hz 0.25sec on, 1 sec off IntermittentAny Stage 1 toneTone 5Tone 45Tone 16660Hz 1150mS on, 150mS off IntermittentAny Stage 1 toneTone 5Tone 45Tone 16660Hz 1.8sec on, 1.8sec off IntermittentAny Stage 1 toneTone 5Tone 45Tone 21554Hz/440Hz @ 1Hz AlternatingAny Stage 1 toneTone 5Tone 29Tone 2254Hz & 1s, 1.6KHz - 1.4KHz 0.5s -NFC48-265Any Stage 1 toneTone 5Tone 29Tone 23800Hz @ 0.875 sec. IntermittentAny Stage 1 toneTone 5Tone 29Tone 24800/1000Hz @ 18JZ sweepingAny Stage 1 toneTone 5Tone 45Tone 252400/290Hz @ 1Hz AlternatingAny Stage 1 toneTone 5Tone 29Tone 24800/1000Hz @ 50Hz sweepingAny Stage 1 toneTone 5Tone 29Tone 252400/290Hz @ 50Hz sweepingAny Stage 1 tone	Tone 5	2400Hz Continuous	Any Stage 1 tone	Tone 20	Tone 29
Tone 8500/1200/500Hz @ 0.3Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 91200/500Hz @ 1Hz NIV / PFEER PTA.P.Any Stage 1 toneTone 2Tone 38Tone 102400/2900Hz @ 2Hz AlternatingAny Stage 1 toneTone 5Tone 45Tone 111000Hz @ 0.875Hz AlternatingAny Stage 1 toneTone 5Tone 45Tone 12800/1000Hz @ 0.875Hz AlternatingAny Stage 1 toneTone 5Tone 45Tone 132400Hz @ 1Hz IntermittentAny Stage 1 toneTone 5Tone 45Tone 14800Hz 0.25sec on, 1 sec off IntermittentAny Stage 1 toneTone 5Tone 34Tone 15800Hz ContinuousAny Stage 1 toneTone 5Tone 34Tone 16660Hz 150mS on, 150mS off IntermittentAny Stage 1 toneTone 5Tone 45Tone 16660Hz 1.8sec on, 1.8sec off IntermittentAny Stage 1 toneTone 5Tone 45Tone 100.4KHz 16.KHz 1s, 1.6KHz 14.4Hz 0.5s -NFC48-265Any Stage 1 toneTone 5Tone 29Tone 21554Hz/440Hz @ 1Hz AlternatingAny Stage 1 toneTone 5Tone 29Tone 2254Hz @ 0.875 sec. IntermittentAny Stage 1 toneTone 5Tone 34Tone 252400/2900Hz @ 0.5Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 252400/2900Hz @ 0.5Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 2554Hz @ 0.1Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 262400/2900Hz @ 0.5Hz SweepingAny Stage 1 toneTone 5To	Tone 6	2400/2900Hz @ 7Hz Sweeping	Any Stage 1 tone	Tone 5	Tone 45
Tone 9 1200/500Hz @ 1Hz - DIN / PFEER P.TA.P. Any Stage 1 tone Tone 2 Tone 38 Tone 10 2400/2900Hz @ 2Hz Alternating Any Stage 1 tone Tone 5 Tone 45 Tone 11 1000Hz @ 1Hz Intermittent Any Stage 1 tone Tone 5 Tone 45 Tone 13 2400Hz @ 1Hz Intermittent Any Stage 1 tone Tone 5 Tone 45 Tone 13 2400Hz @ 1Hz Intermittent Any Stage 1 tone Tone 5 Tone 45 Tone 14 800Hz O.25sec on, 1 sec off Intermittent Any Stage 1 tone Tone 5 Tone 34 Tone 16 660Hz 150mS on, 150mS off Intermittent Any Stage 1 tone Tone 5 Tone 45 Tone 17 544Hz (100mS)/440Hz (400mS) - NF S 32:001 Any Stage 1 tone Tone 5 Tone 27 Tone 18 660Hz 1.8sec on, 1.8sec off Intermittent Any Stage 1 tone Tone 5 Tone 29 Tone 20 60Hz Continuous Any Stage 1 tone Tone 5 Tone 29 Tone 21 54Hz (40Hz 0 & 1Hz Alternating Any Stage 1 tone Tone 5 Tone 29 Tone 22 54Hz (2 & 0 JHZ 2 Mseeping Any Stage 1 to	Tone 7	2400/2900Hz @ 1Hz Sweeping	Any Stage 1 tone	Tone 5	Tone 45
Tone 10 2400/2900Hz @ 2Hz Alternating Any Stage 1 tone Tone 5 Tone 45 Tone 11 1000Hz @ 1Hz Intermittent Any Stage 1 tone Tone 5 Tone 29 Tone 12 800/1000Hz @ 0.875Hz Alternating Any Stage 1 tone Tone 5 Tone 5 Tone 5 Tone 29 Tone 14 800Hz 0.25sec on, 1 sec off Intermittent Any Stage 1 tone Tone 5 Tone 45 Tone 15 800Hz Continuous Any Stage 1 tone Tone 5 Tone 45 Tone 16 660Hz 150mS on, 150mS off Intermittent Any Stage 1 tone Tone 5 Tone 45 Tone 18 660Hz 16Mz (200mS) - NF S 32:001 Any Stage 1 tone Tone 5 Tone 45 Tone 19 1.4KHz1.6KHz 1.4KHz 0.5S-NFC48:265 Any Stage 1 tone Tone 5 Tone 29 Tone 20 660Hz Continuous Any Stage 1 tone Tone 5 Tone 29 Tone 21 54Hz/40Hz @ 1Hz Alternating Any Stage 1 tone Tone 5 Tone 29 Tone 22 54Hz @ 0.875 sec. Intermittent Any Stage 1 tone Tone 5 Tone 29 Tone 23 800Hz @ 2Hz Weeping <td< td=""><td>Tone 8</td><td>500/1200/500Hz @ 0.3Hz Sweeping</td><td>Any Stage 1 tone</td><td>Tone 5</td><td>Tone 45</td></td<>	Tone 8	500/1200/500Hz @ 0.3Hz Sweeping	Any Stage 1 tone	Tone 5	Tone 45
Tone 11 1000Hz @ 1Hz Intermittent Any Stage 1 tone Tone 5 Tone 29 Tone 12 800/1000Hz @ 0.875Hz Alternating Any Stage 1 tone Tone 5 Tone 45 Tone 13 2400Hz @ 1Hz Intermittent Any Stage 1 tone Tone 5 Tone 5 Tone 45 Tone 14 800Hz Continuous Any Stage 1 tone Tone 5 <	Tone 9	1200/500Hz @ 1Hz - DIN / PFEER P.T.A.P.	Any Stage 1 tone	Tone 2	Tone 38
Tone 12800/1000Hz @ 0.875Hz AlternatingAny Stage 1 toneTone 5Tone 45Tone 132400Hz @ 1Hz IntermittentAny Stage 1 toneTone 5Tone 29Tone 14800Hz 0.25sec on, 1 sec off IntermittentAny Stage 1 toneTone 5Tone 45Tone 15800Hz CotinuousAny Stage 1 toneTone 5Tone 45Tone 16660Hz 150mS on, 150mS off IntermittentAny Stage 1 toneTone 5Tone 45Tone 17544Hz (100mS)/440Hz (400mS) - NF S 32:001Any Stage 1 toneTone 5Tone 45Tone 18660Hz 1.8sec on, 1.8sec off IntermittentAny Stage 1 toneTone 5Tone 45Tone 191.4KHz 1.6KHz 1.4KHz 0.5s -NFC48:265Any Stage 1 toneTone 5Tone 29Tone 20660Hz ContinuousAny Stage 1 toneTone 5Tone 29Tone 21554Hz/440Hz @ 1Hz AlternatingAny Stage 1 toneTone 5Tone 29Tone 2254Hz/440Hz @ 1Hz AlternatingAny Stage 1 toneTone 5Tone 29Tone 24800/1000Hz @ 50Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 252400/2900Hz @ 50Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 26BellAny Stage 1 toneTone 5Tone 45Tone 2755Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 2755Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 26BellAny Stage 1 toneTone 5Tone 45Tone 2755Hz ContinuousAny Stage 1 toneTone	Tone 10	2400/2900Hz @ 2Hz Alternating	Any Stage 1 tone	Tone 5	Tone 45
Tone 132400Hz @ 1Hz IntermittentAny Stage 1 toneTone 5Tone 29Tone 14800Hz 0.25sec on, 1 sec off IntermittentAny Stage 1 toneTone 5Tone 45Tone 15800Hz ContinuousAny Stage 1 toneTone 5Tone 29Tone 16660Hz 150mS on, 150mS off IntermittentAny Stage 1 toneTone 5Tone 45Tone 17544Hz (100mS)/440Hz (400mS) - NF S 32-001Any Stage 1 toneTone 5Tone 45Tone 18660Hz 1.8sec on, 1.8sec off IntermittentAny Stage 1 toneTone 5Tone 45Tone 191.4KHz-1.6KHz 1S, 1.6KHz-1.4KHz 0.5s -NFC48-265Any Stage 1 toneTone 5Tone 29Tone 20660Hz continuousAny Stage 1 toneTone 5Tone 29Tone 21554Hz/440Hz @ 1Hz AlternatingAny Stage 1 toneTone 5Tone 29Tone 22544Hz @ 0.875 sec. IntermittentAny Stage 1 toneTone 5Tone 29Tone 23800Hz @ 2Hz IntermittentAny Stage 1 toneTone 5Tone 45Tone 24800/1000Hz @ 50Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 252400/2900Hz @ 50Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 28440Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 29800Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 31660/1200Hz @ 7Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 32Two tone chime.Any Stage 1 toneTone 5Tone 45Tone 33745Hz @ 1Hz	Tone 11	1000Hz @ 1Hz Intermittent	Any Stage 1 tone	Tone 5	Tone 29
Tone 14800Hz 0.25sec on, 1 sec off IntermittentAny Stage 1 toneTone 5Tone 45Tone 15800Hz ContinuousAny Stage 1 toneTone 5Tone 34Tone 16660Hz 150mS on, 150mS off IntermittentAny Stage 1 toneTone 27Tone 45Tone 17544Hz (100mS)/40Hz (400mS) - NF S 32-001Any Stage 1 toneTone 5Tone 45Tone 18660Hz 1.8sec on, 1.8sec off IntermittentAny Stage 1 toneTone 5Tone 45Tone 191.4KHz-1.6KHz 1s, 1.6KHz-1.4KHz 0.5s-NFC48-265Any Stage 1 toneTone 5Tone 34Tone 20660Hz ContinuousAny Stage 1 toneTone 5Tone 29Tone 21554Hz/40Hz @ 1Hz AlternatingAny Stage 1 toneTone 5Tone 29Tone 23800Hz @ 2Hz IntermittentAny Stage 1 toneTone 5Tone 29Tone 24800/1000Hz @ 50Hz SweepingAny Stage 1 toneTone 5Tone 34Tone 252400/2900Hz @ 50Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 26BellAny Stage 1 toneTone 5Tone 45Tone 27554Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 28440Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 30300Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 30300Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 31660/1200Hz @ 7Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 33745Hz @ 1Hz IntermittentAny Stage 1 tone	Tone 12	800/1000Hz @ 0.875Hz Alternating	Any Stage 1 tone	Tone 5	Tone 45
Tone 15800Hz ContinuousAny Stage 1 toneTone 5Tone 34Tone 16660Hz 150mS on, 150mS off IntermittentAny Stage 1 toneTone 5Tone 45Tone 17544Hz (100mS)/440Hz (400mS) - NF 5 32-001Any Stage 1 toneTone 5Tone 45Tone 18660Hz 1.8sec on, 1.8sec off IntermittentAny Stage 1 toneTone 5Tone 45Tone 191.4KHz 1.6KHz 1.3, 1.6KHz-1.4KHz 0.5s -NFC48-265Any Stage 1 toneTone 5Tone 34Tone 20660Hz ContinuousAny Stage 1 toneTone 5Tone 29Tone 21554Hz/440Hz @ 1Hz AlternatingAny Stage 1 toneTone 5Tone 29Tone 22544Hz @ 0.875 sec. IntermittentAny Stage 1 toneTone 5Tone 29Tone 23800Hz @ 2Hz IntermittentAny Stage 1 toneTone 5Tone 34Tone 24800/1000Hz @ 50Hz SweepingAny Stage 1 toneTone 5Tone 34Tone 252400/2900Hz @ 50Hz SweepingAny Stage 1 toneTone 15Tone 34Tone 26BellAny Stage 1 toneTone 5Tone 45Tone 27554Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 30300Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 31660/1200Hz @ 1Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 33745Hz @ 1Hz IntermittentAny Stage 1 toneTone 15Tone 45Tone 341000 & 2000Hz @ 0.5 sec Alternating - SingaporeAny Stage 1 toneTone 15Tone 45Tone 35420Hz @ 0.625	Tone 13	2400Hz @ 1Hz Intermittent	Any Stage 1 tone	Tone 5	Tone 29
Tone 16660Hz 150mS on, 150mS off IntermittentAny Stage 1 toneTone 5Tone 29Tone 17544Hz (100mS)/440Hz (400mS) - NF S 32-001Any Stage 1 toneTone 27Tone 45Tone 18660Hz 1.8sec on, 1.8sec off IntermittentAny Stage 1 toneTone 5Tone 45Tone 191.4KHz-1.6KHz 1s, 1.6KHz 1.4KHz 0.5s - NFC48-265Any Stage 1 toneTone 5Tone 29Tone 20660Hz ContinuousAny Stage 1 toneTone 5Tone 24Tone 21554Hz/440Hz @ 1Hz AlternatingAny Stage 1 toneTone 5Tone 29Tone 22544Hz @ 0.875 sec. IntermittentAny Stage 1 toneTone 5Tone 29Tone 23800Hz @ 2Hz IntermittentAny Stage 1 toneTone 5Tone 45Tone 24800/1000Hz @ 50Hz SweepingAny Stage 1 toneTone 5Tone 34Tone 252400/290Hz @ 50Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 26BellAny Stage 1 toneTone 5Tone 45Tone 27554Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 28440Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 30300Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 31660/1200Hz @ 1Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 31660/1200Hz @ 0.5 sec Alternating - SingaporeAny Stage 1 toneTone 5Tone 37Tone 33745Hz @ 1Hz IntermittentAny Stage 1 toneTone 5Tone 37Tone 3410000 & 2000Hz @ 0.	Tone 14	800Hz 0.25sec on, 1 sec off Intermittent	Any Stage 1 tone	Tone 5	Tone 45
Tone 17544Hz (100mS)/440Hz (400mS) - NF S 32-001Any Stage 1 toneTone 27Tone 45Tone 18660Hz 1.8sec on, 1.8sec off IntermittentAny Stage 1 toneTone 5Tone 45Tone 191.4KHz-1.6KHz 1. S, 1.6KHz-1.4KHz 0.5s - NFC48-265Any Stage 1 toneTone 5Tone 29Tone 20660Hz ContinuousAny Stage 1 toneTone 5Tone 29Tone 21554Hz/440Hz @ 1Hz AlternatingAny Stage 1 toneTone 5Tone 29Tone 23800Hz @ 2Hz IntermittentAny Stage 1 toneTone 5Tone 29Tone 24800/1000Hz @ 50Hz SweepingAny Stage 1 toneTone 5Tone 34Tone 252400/2900Hz @ 50Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 26BellAny Stage 1 toneTone 5Tone 45Tone 2754Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 28440Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 29800/1000Hz @ 7Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 29800/1000Hz @ 7Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 30300Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 31660/1200Hz @ 1Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 33745Hz @ 1Hz IntermittentAny Stage 1 toneTone 5Tone 45Tone 341000 & 2000Hz @ 0.5 sec Alternating - SingaporeAny Stage 1 toneTone 5Tone 37Tone 35420Hz @ 0.62 Sec Australian Evac.	Tone 15	800Hz Continuous	Any Stage 1 tone	Tone 5	Tone 34
Tone 18660Hz 1.8sec off IntermittentAny Stage 1 toneTone 5Tone 45Tone 191.4KHz-1.6KHz 1s, 1.6KHz-1.4KHz 0.5s -NFC48-265Any Stage 1 toneTone 5Tone 29Tone 20660Hz ContinuousAny Stage 1 toneTone 5Tone 34Tone 21554Hz/440Hz @ 1Hz AlternatingAny Stage 1 toneTone 5Tone 29Tone 22544Hz @ 0.875 sec. IntermittentAny Stage 1 toneTone 5Tone 29Tone 23800Hz @ 2Hz IntermittentAny Stage 1 toneTone 5Tone 29Tone 24800/1000Hz @ 50Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 252400/2900Hz @ 50Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 26BellAny Stage 1 toneTone 5Tone 45Tone 27554Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 28440Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 30300Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 31660/1200Hz @ THz SweepingAny Stage 1 toneTone 5Tone 45Tone 33745Hz @ 1Hz IntermittentAny Stage 1 toneTone 5Tone 45Tone 33745Hz @ 1Hz IntermittentAny Stage 1 toneTone 5Tone 37Tone 341000 & 2000Hz @ 0.5 sec Alternating - SingaporeAny Stage 1 toneTone 5Tone 34Tone 33745Hz @ 1Hz IntermittentAny Stage 1 toneTone 5Tone 34Tone 341000 & 2000Hz @ 0.5 sec Alternating - SingaporeAny	Tone 16	660Hz 150mS on, 150mS off Intermittent	Any Stage 1 tone	Tone 5	Tone 29
Tone 191.4KHz1.6KHz 1s, 1.6KHz1.4KHz 0.5s-NFC48-265Any Stage 1 toneTone 5Tone 29Tone 20660Hz ContinuousAny Stage 1 toneTone 5Tone 34Tone 21554Hz/440Hz @ 1Hz AlternatingAny Stage 1 toneTone 5Tone 29Tone 22544Hz @ 0.875 sec. IntermittentAny Stage 1 toneTone 5Tone 29Tone 23800Hz @ 2Hz IntermittentAny Stage 1 toneTone 5Tone 29Tone 24800/1000Hz @ 50Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 252400/2900Hz @ 50Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 26BellAny Stage 1 toneTone 5Tone 45Tone 27554Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 28440Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 30300Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 31660/1200Hz @ 1Hz SweepingAny Stage 1 toneTone 5Tone 29Tone 32Two tone chime.Any Stage 1 toneTone 5Tone 45Tone 33745Hz @ 1Hz IntermittentAny Stage 1 toneTone 5Tone 37Tone 341000 & 2000Hz @ 0.5 sec Alternating - SingaporeAny Stage 1 toneTone 45Tone 37Tone 33745Hz @ 1.42C AdtinuousAny Stage 1 toneTone 45Tone 37Tone 341000 & 2000Hz @ 0.5 sec Alternating - SingaporeAny Stage 1 toneTone 45Tone 37Tone 341000 & 2000Hz @ 0.5 sec Alternating - Singapore <td>Tone 17</td> <td>544Hz (100mS)/440Hz (400mS) - NF S 32-001</td> <td>Any Stage 1 tone</td> <td>Tone 27</td> <td>Tone 45</td>	Tone 17	544Hz (100mS)/440Hz (400mS) - NF S 32-001	Any Stage 1 tone	Tone 27	Tone 45
Tone 20660Hz ContinuousAny Stage 1 toneTone 5Tone 34Tone 21554Hz/440Hz @ 1Hz AlternatingAny Stage 1 toneTone 5Tone 29Tone 22544Hz @ 0.875 sec. IntermittentAny Stage 1 toneTone 5Tone 29Tone 23800Hz @ 2Hz IntermittentAny Stage 1 toneTone 5Tone 29Tone 24800/1000Hz @ 50Hz SweepingAny Stage 1 toneTone 5Tone 34Tone 252400/2900Hz @ 50Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 26BellAny Stage 1 toneTone 5Tone 45Tone 27554Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 28440Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 30300Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 31660/1200Hz @ 1Hz SweepingAny Stage 1 toneTone 5Tone 29Tone 33745Hz @ 1Hz IntermittentAny Stage 1 toneTone 5Tone 29Tone 341000 & 2000Hz @ 0.5 sec Alternating - SingaporeAny Stage 1 toneTone 5Tone 37Tone 341000 & 2000Hz @ 0.5 sec Alternating - SingaporeAny Stage 1 toneTone 45Tone 37Tone 341000Hz ContinuousAny Stage 1 toneTone 45Tone 37Tone 35420Hz @ 0.625 sec Australian Evac.Any Stage 1 toneTone 5Tone 45Tone 371000Hz Continuous - PFEER Toxic GasAny Stage 1 toneTone 45Tone 37Tone 382000Hz OctinuousAny Stage 1 tone<	Tone 18	660Hz 1.8sec on, 1.8sec off Intermittent	Any Stage 1 tone	Tone 5	Tone 45
Tone 21554Hz/440Hz @ 1Hz AlternatingAny Stage 1 toneTone 5Tone 29Tone 22544Hz @ 0.875 sec. IntermittentAny Stage 1 toneTone 5Tone 29Tone 23800Hz @ 2Hz IntermittentAny Stage 1 toneTone 5Tone 29Tone 24800/1000Hz @ 50Hz SweepingAny Stage 1 toneTone 5Tone 34Tone 252400/2900Hz @ 50Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 26BellAny Stage 1 toneTone 5Tone 45Tone 27554Hz ContinuousAny Stage 1 toneTone 5Tone 29Tone 28440Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 30300Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 31660/1200Hz @ 7Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 30300Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 31660/1200Hz @ 1Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 32Two tone chime.Any Stage 1 toneTone 5Tone 45Tone 33745Hz @ 1Hz IntermittentAny Stage 1 toneTone 5Tone 45Tone 341000 & 2000Hz @ 0.5 sec Alternating - SingaporeAny Stage 1 toneTone 5Tone 34Tone 34000Hz ContinuousAny Stage 1 toneTone 45Tone 37Tone 37Tone 34000Hz ContinuousAny Stage 1 toneTone 5Tone 37Tone 34Tone 35200Hz ContinuousAny Stage 1 toneTone 5Tone 37<	Tone 19	1.4KHz-1.6KHz 1s, 1.6KHz-1.4KHz 0.5s -NFC48-265	Any Stage 1 tone	Tone 5	Tone 29
Tone 22544Hz @ 0.875 sec. IntermittentAny Stage 1 toneTone 5Tone 29Tone 23800Hz @ 2Hz IntermittentAny Stage 1 toneTone 5Tone 29Tone 24800/1000Hz @ 50Hz SweepingAny Stage 1 toneTone 5Tone 34Tone 252400/2900Hz @ 50Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 26BellAny Stage 1 toneTone 5Tone 29Tone 27554Hz ContinuousAny Stage 1 toneTone 5Tone 29Tone 28440Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 30300Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 31660/1200Hz @ 7Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 30300Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 31660/1200Hz @ 1Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 32Two tone chime.Any Stage 1 toneTone 5Tone 45Tone 33745Hz @ 1Hz IntermittentAny Stage 1 toneTone 5Tone 45Tone 341000 & 2000Hz @ 0.5 sec Alternating - SingaporeAny Stage 1 toneTone 5Tone 34Tone 35500-1200Hz 3.75sec /0.25sec. Australian Evac.Any Stage 1 toneTone 45Tone 37Tone 382000Hz ContinuousAny Stage 1 toneTone 45Tone 37Tone 39800Hz 0.25sec on, 1 sec off IntermittentAny Stage 1 toneTone 5Tone 37Tone 40544Hz (100mS)/440Hz (400mS) - NF S 32-001Any Stage 1 tone </td <td>Tone 20</td> <td>660Hz Continuous</td> <td>Any Stage 1 tone</td> <td>Tone 5</td> <td>Tone 34</td>	Tone 20	660Hz Continuous	Any Stage 1 tone	Tone 5	Tone 34
Tone 23800Hz @ 2Hz IntermittentAny Stage 1 toneTone 5Tone 29Tone 24800/1000Hz @ 50Hz SweepingAny Stage 1 toneTone 5Tone 34Tone 252400/2900Hz @ 50Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 26BellAny Stage 1 toneTone 5Tone 34Tone 27554Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 28440Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 30300Hz @ 7Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 31660/1200Hz @ 1Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 31660/1200Hz @ 1Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 33745Hz @ 1Hz IntermittentAny Stage 1 toneTone 5Tone 29Tone 341000 & 2000Hz @ 0.5 sec Alternating - SingaporeAny Stage 1 toneTone 5Tone 37Tone 35420Hz @ 0.625 sec Australian AlertAny Stage 1 toneTone 5Tone 34Tone 36500-1200Hz 3.75sec /0.25sec. Australian Evac.Any Stage 1 toneTone 45Tone 37Tone 371000Hz ContinuousPEEER Toxic GasAny Stage 1 toneTone 45Tone 37Tone 39800Hz 0.25sec on, 1 sec off IntermittentAny Stage 1 toneTone 17Tone 37Tone 40544Hz (100mS)/440Hz (400mS) - NF S 32-001Any Stage 1 toneTone 5Tone 37Tone 40544Hz (100mS)/440Hz (400mS) - NF S 32-001Any Stage 1 toneTone 5Tone 37T	Tone 21	554Hz/440Hz @ 1Hz Alternating	Any Stage 1 tone	Tone 5	Tone 29
Tone 24800/1000Hz @ 50Hz SweepingAny Stage 1 toneTone 5Tone 34Tone 252400/2900Hz @ 50Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 26BellAny Stage 1 toneTone 15Tone 34Tone 27554Hz ContinuousAny Stage 1 toneTone 5Tone 29Tone 28440Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 29800/1000Hz @ 7Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 30300Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 31660/1200Hz @ 1Hz SweepingAny Stage 1 toneTone 5Tone 29Tone 33745Hz @ 1Hz IntermittentAny Stage 1 toneTone 5Tone 29Tone 341000 & 2000Hz @ 0.5 sec Alternating - SingaporeAny Stage 1 toneTone 5Tone 37Tone 35420Hz @ 0.625 sec Australian AlertAny Stage 1 toneTone 5Tone 34Tone 36500-1200Hz 3.75sec /0.25sec. Australian Evac.Any Stage 1 toneTone 45Tone 37Tone 371000Hz ContinuousPFEER Toxic GasAny Stage 1 toneTone 45Tone 37Tone 382000Hz 0.25sec on, 1 sec off IntermittentAny Stage 1 toneTone 7Tone 37Tone 40544Hz (100mS)/440Hz (400mS) - NF S 32-001Any Stage 1 toneTone 27Tone 38Tone 41Motor Siren - slow rise to 200 HzAny Stage 1 toneTone 5Tone 37Tone 341000Hz ContinuousAny Stage 1 toneTone 5Tone 37Tone 3820	Tone 22	544Hz @ 0.875 sec. Intermittent	Any Stage 1 tone	Tone 5	Tone 29
Tone 252400/2900Hz @ 50Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 26BellAny Stage 1 toneTone 15Tone 34Tone 27554Hz ContinuousAny Stage 1 toneTone 5Tone 29Tone 28440Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 29800/1000Hz @ 7Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 30300Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 31660/1200Hz @ 1Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 32Two tone chime.Any Stage 1 toneTone 5Tone 29Tone 33745Hz @ 1Hz IntermittentAny Stage 1 toneTone 5Tone 29Tone 341000 & 2000Hz @ 0.5 sec Alternating - SingaporeAny Stage 1 toneTone 5Tone 37Tone 35420Hz @ 0.625 sec Australian AlertAny Stage 1 toneTone 5Tone 34Tone 36500-1200Hz 3.75sec /0.25sec. Australian Evac.Any Stage 1 toneTone 45Tone 37Tone 371000Hz ContinuousPFEER Toxic GasAny Stage 1 toneTone 45Tone 37Tone 382000Hz ContinuousAny Stage 1 toneTone 17Tone 37Tone 40544Hz (100mS)/440Hz (400mS) - NF S 32-001Any Stage 1 toneTone 27Tone 38Tone 41Motor Siren - slow rise to 1200 HzAny Stage 1 toneTone 5Tone 29Tone 431200 Hz ContinuousAny Stage 1 toneTone 5Tone 37Tone 39800Hz 0.25sec on, 1 sec off Interm	Tone 23	800Hz @ 2Hz Intermittent	Any Stage 1 tone	Tone 5	Tone 29
Tone 26BellAny Stage 1 toneTone 15Tone 34Tone 27554Hz ContinuousAny Stage 1 toneTone 5Tone 29Tone 28440Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 29800/1000Hz @ 7Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 30300Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 31660/1200Hz @ 1Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 32Two tone chime.Any Stage 1 toneTone 5Tone 29Tone 33745Hz @ 1Hz IntermittentAny Stage 1 toneTone 5Tone 29Tone 341000 & 2000Hz @ 0.5 sec Alternating - SingaporeAny Stage 1 toneTone 5Tone 37Tone 35420Hz @ 0.625 sec Australian AlertAny Stage 1 toneTone 5Tone 34Tone 36500-1200Hz 3.75sec /0.25sec. Australian Evac.Any Stage 1 toneTone 45Tone 38Tone 382000Hz ContinuousPFEER Toxic GasAny Stage 1 toneTone 45Tone 37Tone 39800Hz 0.25sec on, 1 sec off IntermittentAny Stage 1 toneTone 7Tone 37Tone 40544Hz (100mS)/440Hz (400mS) - NF S 32-001Any Stage 1 toneTone 5Tone 37Tone 41Motor Siren - slow rise to 200 HzAny Stage 1 toneTone 5Tone 29Tone 431200 Hz ContinuousAny Stage 1 toneTone 5Tone 37Tone 39800Hz 0.25sec on, 1 sec off IntermittentAny Stage 1 toneTone 5Tone 37Tone 41M	Tone 24	800/1000Hz @ 50Hz Sweeping	Any Stage 1 tone	Tone 5	Tone 34
Tone 27554Hz ContinuousAny Stage 1 toneTone 5Tone 29Tone 28440Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 29800/1000Hz @ 7Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 30300Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 31660/1200Hz @ 1Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 32Two tone chime.Any Stage 1 toneTone 5Tone 29Tone 33745Hz @ 1Hz IntermittentAny Stage 1 toneTone 5Tone 29Tone 341000 & 2000Hz @ 0.5 sec Alternating - SingaporeAny Stage 1 toneTone 5Tone 37Tone 35420Hz @ 0.625 sec Australian AlertAny Stage 1 toneTone 5Tone 34Tone 36500-1200Hz 3.75sec /0.25sec. Australian Evac.Any Stage 1 toneTone 45Tone 37Tone 371000Hz ContinuousPFEER Toxic GasAny Stage 1 toneTone 45Tone 37Tone 382000Hz ContinuousAny Stage 1 toneTone 45Tone 37Tone 39800Hz 0.25sec on, 1 sec off IntermittentAny Stage 1 toneTone 5Tone 37Tone 40544Hz (100mS)/440Hz (400mS) - NF S 32-001Any Stage 1 toneTone 5Tone 29Tone 41Motor Siren - slow rise to 1200 HzAny Stage 1 toneTone 5Tone 29Tone 431200 Hz ContinuousAny Stage 1 toneTone 5Tone 29Tone 431200 Hz ContinuousAny Stage 1 toneTone 5Tone 29Tone 44Motor Sir	Tone 25	2400/2900Hz @ 50Hz Sweeping	Any Stage 1 tone	Tone 5	Tone 45
Tone 28440Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 29800/1000Hz @ 7Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 30300Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 31660/1200Hz @ 1Hz SweepingAny Stage 1 toneTone 5Tone 29Tone 32Two tone chime.Any Stage 1 toneTone 5Tone 45Tone 33745Hz @ 1Hz IntermittentAny Stage 1 toneTone 5Tone 29Tone 341000 & 2000Hz @ 0.5 sec Alternating - SingaporeAny Stage 1 toneTone 5Tone 37Tone 35420Hz @ 0.625 sec Australian AlertAny Stage 1 toneTone 5Tone 45Tone 36500-1200Hz 3.75sec /0.25sec. Australian Evac.Any Stage 1 toneTone 45Tone 38Tone 382000Hz ContinuousAny Stage 1 toneTone 45Tone 37Tone 382000Hz ContinuousAny Stage 1 toneTone 45Tone 37Tone 39800Hz 0.25sec on, 1 sec off IntermittentAny Stage 1 toneTone 17Tone 37Tone 40544Hz (100mS)/440Hz (400mS) - NF S 32-001Any Stage 1 toneTone 27Tone 38Tone 41Motor Siren - slow rise to 1200 HzAny Stage 1 toneTone 5Tone 29Tone 431200 Hz ContinuousAny Stage 1 toneTone 5Tone 29Tone 44Motor Siren - slow rise to 2400 HzAny Stage 1 toneTone 5Tone 37	Tone 26	Bell	Any Stage 1 tone	Tone 15	Tone 34
Tone 29800/1000Hz @ 7Hz SweepingAny Stage 1 toneTone 5Tone 45Tone 30300Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 31660/1200Hz @ 1Hz SweepingAny Stage 1 toneTone 5Tone 29Tone 32Two tone chime.Any Stage 1 toneTone 15Tone 45Tone 33745Hz @ 1Hz IntermittentAny Stage 1 toneTone 5Tone 29Tone 341000 & 2000Hz @ 0.5 sec Alternating - SingaporeAny Stage 1 toneTone 5Tone 37Tone 35420Hz @ 0.625 sec Australian AlertAny Stage 1 toneTone 5Tone 45Tone 371000Hz ContinuousPFEER Toxic GasAny Stage 1 toneTone 45Tone 37Tone 382000Hz ContinuousAny Stage 1 toneTone 45Tone 37Tone 39800Hz 0.25sec on, 1 sec off IntermittentAny Stage 1 toneTone 17Tone 37Tone 40544Hz (100mS)/440Hz (400mS) - NF S 32-001Any Stage 1 toneTone 5Tone 29Tone 431200 Hz ContinuousAny Stage 1 toneTone 5Tone 29Tone 431200 Hz ContinuousAny Stage 1 toneTone 5Tone 29Tone 44Motor Siren - slow rise to 2400 HzAny Stage 1 toneTone 5Tone 29Tone 44Motor Siren - slow rise to 2400 HzAny Stage 1 toneTone 5Tone 45	Tone 27	554Hz Continuous	Any Stage 1 tone	Tone 5	Tone 29
Tone 30300Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 31660/1200Hz @ 1Hz SweepingAny Stage 1 toneTone 5Tone 29Tone 32Two tone chime.Any Stage 1 toneTone 15Tone 45Tone 33745Hz @ 1Hz IntermittentAny Stage 1 toneTone 5Tone 29Tone 341000 & 2000Hz @ 0.5 sec Alternating - SingaporeAny Stage 1 toneTone 45Tone 37Tone 35420Hz @ 0.625 sec Australian AlertAny Stage 1 toneTone 5Tone 45Tone 36500-1200Hz 3.75sec / 0.25sec. Australian Evac.Any Stage 1 toneTone 5Tone 45Tone 371000Hz Continuous - PFEER Toxic GasAny Stage 1 toneTone 45Tone 37Tone 39800Hz 0.25sec on, 1 sec off IntermittentAny Stage 1 toneTone 17Tone 37Tone 405.44Hz (100mS)/440Hz (400mS) - NF S 32-001Any Stage 1 toneTone 5Tone 29Tone 41Motor Siren - slow rise to 800 HzAny Stage 1 toneTone 5Tone 29Tone 431200 Hz ContinuousAny Stage 1 toneTone 5Tone 29Tone 44Motor Siren - slow rise to 2400 HzAny Stage 1 toneTone 5Tone 29	Tone 28	440Hz Continuous	Any Stage 1 tone	Tone 5	Tone 45
Tone 31660/1200Hz @ 1Hz SweepingAny Stage 1 toneTone 5Tone 29Tone 32Two tone chime.Any Stage 1 toneTone 15Tone 45Tone 33745Hz @ 1Hz IntermittentAny Stage 1 toneTone 5Tone 29Tone 341000 & 2000Hz @ 0.5 sec Alternating - SingaporeAny Stage 1 toneTone 45Tone 37Tone 35420Hz @ 0.625 sec Australian AlertAny Stage 1 toneTone 5Tone 45Tone 36500-1200Hz 3.75sec /0.25sec. Australian Evac.Any Stage 1 toneTone 5Tone 45Tone 371000Hz Continuous - PFEER Toxic GasAny Stage 1 toneTone 45Tone 37Tone 382000Hz ContinuousAny Stage 1 toneTone 45Tone 37Tone 39800Hz 0.25sec on, 1 sec off IntermittentAny Stage 1 toneTone 17Tone 37Tone 40544Hz (100mS)/440Hz (400mS) - NF S 32-001Any Stage 1 toneTone 5Tone 29Tone 42Motor Siren - slow rise to 1200 HzAny Stage 1 toneTone 5Tone 29Tone 431200 Hz ContinuousAny Stage 1 toneTone 5Tone 29Tone 44Motor Siren - slow rise to 2400 HzAny Stage 1 toneTone 5Tone 37	Tone 29	800/1000Hz @ 7Hz Sweeping	Any Stage 1 tone	Tone 5	Tone 45
Tone 32Two tone chime.Any Stage 1 toneTone 15Tone 45Tone 33745Hz @ 1Hz IntermittentAny Stage 1 toneTone 5Tone 29Tone 341000 & 2000Hz @ 0.5 sec Alternating - SingaporeAny Stage 1 toneTone 45Tone 37Tone 35420Hz @ 0.625 sec Australian AlertAny Stage 1 toneTone 5Tone 34Tone 36500-1200Hz 3.75sec /0.25sec. Australian Evac.Any Stage 1 toneTone 5Tone 45Tone 371000Hz Continuous - PFEER Toxic GasAny Stage 1 toneTone 45Tone 37Tone 382000Hz ContinuousAny Stage 1 toneTone 45Tone 37Tone 39800Hz 0.25sec on, 1 sec off IntermittentAny Stage 1 toneTone 17Tone 37Tone 40544Hz (100mS)/440Hz (400mS) - NF S 32-001Any Stage 1 toneTone 5Tone 29Tone 42Motor Siren - slow rise to 800 HzAny Stage 1 toneTone 5Tone 29Tone 431200 Hz ContinuousAny Stage 1 toneTone 5Tone 29Tone 44Motor Siren - slow rise to 2400 HzAny Stage 1 toneTone 5Tone 34	Tone 30	300Hz Continuous	Any Stage 1 tone	Tone 5	Tone 45
Tone 33745Hz @ 1Hz IntermittentAny Stage 1 toneTone 5Tone 29Tone 341000 & 2000Hz @ 0.5 sec Alternating - SingaporeAny Stage 1 toneTone 45Tone 37Tone 35420Hz @ 0.625 sec Australian AlertAny Stage 1 toneTone 5Tone 34Tone 36500-1200Hz 3.75sec / 0.25sec. Australian Evac.Any Stage 1 toneTone 5Tone 45Tone 371000Hz Continuous - PFEER Toxic GasAny Stage 1 toneTone 45Tone 38Tone 382000Hz ContinuousAry Stage 1 toneTone 45Tone 37Tone 39800Hz 0.25sec on, 1 sec off IntermittentAny Stage 1 toneTone 17Tone 37Tone 40544Hz (100mS)/440Hz (400mS) - NF S 32-001Any Stage 1 toneTone 5Tone 29Tone 41Motor Siren - slow rise to 1200 HzAny Stage 1 toneTone 5Tone 29Tone 431200 Hz ContinuousAny Stage 1 toneTone 5Tone 29Tone 44Motor Siren - slow rise to 2400 HzAny Stage 1 toneTone 5Tone 45	Tone 31	660/1200Hz @ 1Hz Sweeping	Any Stage 1 tone	Tone 5	Tone 29
Tone 341000 & 2000Hz @ 0.5 sec Alternating - SingaporeAny Stage 1 toneTone 45Tone 37Tone 35420Hz @ 0.625 sec Australian AlertAny Stage 1 toneTone 5Tone 34Tone 36500-1200Hz 3.75sec / 0.25sec. Australian Evac.Any Stage 1 toneTone 5Tone 45Tone 371000Hz Continuous - PFEER Toxic GasAny Stage 1 toneTone 45Tone 37Tone 382000Hz ContinuousPFEER Toxic GasAny Stage 1 toneTone 45Tone 37Tone 39800Hz 0.25sec on, 1 sec off IntermittentAny Stage 1 toneTone 17Tone 37Tone 40544Hz (100mS)/440Hz (400mS) - NF S 32-001Any Stage 1 toneTone 5Tone 29Tone 41Motor Siren - slow rise to 1200 HzAny Stage 1 toneTone 5Tone 29Tone 431200 Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 44Motor Siren - slow rise to 2400 HzAny Stage 1 toneTone 5Tone 45	Tone 32	Two tone chime.	Any Stage 1 tone	Tone 15	Tone 45
Tone 35420Hz @ 0.625 sec Australian AlertAny Stage 1 toneTone 5Tone 34Tone 36500-1200Hz 3.75sec /0.25sec. Australian Evac.Any Stage 1 toneTone 5Tone 45Tone 371000Hz Continuous - PFEER Toxic GasAny Stage 1 toneTone 45Tone 38Tone 382000Hz ContinuousAny Stage 1 toneTone 45Tone 37Tone 39800Hz 0.25sec on, 1 sec off IntermittentAny Stage 1 toneTone 17Tone 37Tone 40544Hz (100mS)/440Hz (400mS) - NF S 32-001Any Stage 1 toneTone 27Tone 38Tone 41Motor Siren - slow rise to 1200 HzAny Stage 1 toneTone 5Tone 29Tone 431200 Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 44Motor Siren - slow rise to 2400 HzAny Stage 1 toneTone 5Tone 45	Tone 33	745Hz @ 1Hz Intermittent	Any Stage 1 tone	Tone 5	Tone 29
Tone 36500-1200Hz 3.75sec /0.25sec. Australian Evac.Any Stage 1 toneTone 5Tone 45Tone 371000Hz Continuous - PFEER Toxic GasAny Stage 1 toneTone 45Tone 38Tone 382000Hz ContinuousAny Stage 1 toneTone 45Tone 37Tone 39800Hz 0.25sec on, 1 sec off IntermittentAny Stage 1 toneTone 17Tone 37Tone 40544Hz (100mS)/440Hz (400mS) - NF S 32-001Any Stage 1 toneTone 27Tone 38Tone 41Motor Siren - slow rise to 1200 HzAny Stage 1 toneTone 5Tone 29Tone 431200 Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 44Motor Siren - slow rise to 2400 HzAny Stage 1 toneTone 5Tone 45	Tone 34	1000 & 2000Hz @ 0.5 sec Alternating - Singapore	Any Stage 1 tone	Tone 45	Tone 37
Tone 371000Hz Continuous - PFEER Toxic GasAny Stage 1 toneTone 45Tone 38Tone 382000Hz ContinuousAny Stage 1 toneTone 45Tone 37Tone 39800Hz 0.25sec on, 1 sec off IntermittentAny Stage 1 toneTone 17Tone 37Tone 40544Hz (100mS)/440Hz (400mS) - NF S 32-001Any Stage 1 toneTone 27Tone 38Tone 41Motor Siren - slow rise to 1200 HzAny Stage 1 toneTone 5Tone 29Tone 42Motor Siren - slow rise to 800 HzAny Stage 1 toneTone 5Tone 29Tone 431200 Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 44Motor Siren - slow rise to 2400 HzAny Stage 1 toneTone 5Tone 34	Tone 35	420Hz @ 0.625 sec Australian Alert	Any Stage 1 tone	Tone 5	Tone 34
Tone 382000Hz ContinuousAny Stage 1 toneTone 45Tone 37Tone 39800Hz 0.25sec on, 1 sec off IntermittentAny Stage 1 toneTone 17Tone 37Tone 40544Hz (100mS)/440Hz (400mS) - NF S 32-001Any Stage 1 toneTone 27Tone 38Tone 41Motor Siren - slow rise to 1200 HzAny Stage 1 toneTone 5Tone 29Tone 42Motor Siren - slow rise to 800 HzAny Stage 1 toneTone 5Tone 29Tone 431200 Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 44Motor Siren - slow rise to 2400 HzAny Stage 1 toneTone 5Tone 34	Tone 36	500-1200Hz 3.75sec / 0.25sec. Australian Evac.	Any Stage 1 tone	Tone 5	Tone 45
Tone 39800Hz 0.25sec on, 1 sec off IntermittentAny Stage 1 toneTone 17Tone 37Tone 40544Hz (100mS)/440Hz (400mS) - NF S 32-001Any Stage 1 toneTone 27Tone 38Tone 41Motor Siren - slow rise to 1200 HzAny Stage 1 toneTone 5Tone 29Tone 42Motor Siren - slow rise to 800 HzAny Stage 1 toneTone 5Tone 29Tone 431200 Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 44Motor Siren - slow rise to 2400 HzAny Stage 1 toneTone 5Tone 34	Tone 37	1000Hz Continuous - PFEER Toxic Gas	Any Stage 1 tone	Tone 45	Tone 38
Tone 40544Hz (100mS)/440Hz (400mS) - NF S 32-001Any Stage 1 toneTone 27Tone 38Tone 41Motor Siren - slow rise to 1200 HzAny Stage 1 toneTone 5Tone 29Tone 42Motor Siren - slow rise to 800 HzAny Stage 1 toneTone 5Tone 29Tone 431200 Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 44Motor Siren - slow rise to 2400 HzAny Stage 1 toneTone 5Tone 34	Tone 38	2000Hz Continuous	Any Stage 1 tone	Tone 45	Tone 37
Tone 41Motor Siren - slow rise to 1200 HzAny Stage 1 toneTone 5Tone 29Tone 42Motor Siren - slow rise to 800 HzAny Stage 1 toneTone 5Tone 29Tone 431200 Hz ContinuousAny Stage 1 toneTone 5Tone 45Tone 44Motor Siren - slow rise to 2400 HzAny Stage 1 toneTone 5Tone 34	Tone 39	800Hz 0.25sec on, 1 sec off Intermittent	Any Stage 1 tone	Tone 17	Tone 37
Tone 42 Motor Siren - slow rise to 800 Hz Any Stage 1 tone Tone 5 Tone 29 Tone 43 1200 Hz Continuous Any Stage 1 tone Tone 5 Tone 45 Tone 44 Motor Siren - slow rise to 2400 Hz Any Stage 1 tone Tone 5 Tone 34	Tone 40		Any Stage 1 tone	Tone 27	Tone 38
Tone 43 1200 Hz Continuous Any Stage 1 tone Tone 5 Tone 45 Tone 44 Motor Siren - slow rise to 2400 Hz Any Stage 1 tone Tone 5 Tone 34	Tone 41	Motor Siren - slow rise to 1200 Hz	Any Stage 1 tone	Tone 5	Tone 29
Tone 44 Motor Siren - slow rise to 2400 Hz Any Stage 1 tone Tone 5 Tone 34	Tone 42	Motor Siren - slow rise to 800 Hz	Any Stage 1 tone	Tone 5	Tone 29
	Tone 43	1200 Hz Continuous	Any Stage 1 tone		Tone 45
Tong 45 1KHz 1s on 1s off Intermittent PEEER Can Alarm Any Store 1 tong Tong 24 Tong 27	Tone 44	Motor Siren - slow rise to 2400 Hz	Any Stage 1 tone	Tone 5	Tone 34
Tone 43 Tranz 15 on intermittent - FTEEN Gen. Aldfill Any Stage 1 tone 10the 34 10the 37	Tone 45	1KHz 1s on, 1s off Intermittent - PFEER Gen. Alarm	Any Stage 1 tone	Tone 34	Tone 37

Part codes:

Code:	Description:
GNExS1R	S1 alarm sounder with radial horn
DC024	24vdc (10-30vdc)
DC048	48vdc (35-60vdc)
AC230	230vac (100-260vac/dc)
-N	No stopping plug (standard)
-B	Brass stopping plug
-S	Stainless steel stopping plug
-P	Nickel plated brass stopping plug
-1	Mounting bracket 304 stainless steel (A2) (standard)
-2	Mounting bracket 316 stainless steel (A4)
-A-1	Approval to ATEX & IECEx (standard)
-R	Housing colour Red (standard)
-S	Other housing colour - please specify
GNExS1 24v	024-B-1-A-1-R dc with brass stopping plug, 304 stainless steel icket, approved to ATEX & IECEx in a red housing.

Current consumption:

Tone 45	Version:	Voltage:	Current:	
Tone 29				
Tone 37	24V dc	10-30vdc	140mA @ 24vdc	
Tone 34	48V dc	38-60vdc	73mA @ 48vdc	
Tone 45	40V UC	30-00VUC	7 SITIA @ 46VUL	
Tone 38	115V ac/dc	100-260	86mA @ 115vac	
Tone 37	50/60Hz	vac/dc		
Tone 37		100/00		
Tone 38	230V ac/dc	100-260	75mA @ 230vac	
Tone 29	50/60Hz	vac/dc		
Tone 29				

opcomoution.		routuros.
Maximum output:	117dB(A) @ 1 metre	 Omni-dire
Nominal output:	110dB(A) @ 1m +/- 3dB - Tone 2	• Automatio
No. of tones:	45 (UKOOA / PFEER compliant)	 Very large
No. of stages:	3	 Ratchet a
Volume control:	Max. 110dB(A);	• IN & OUT
	Min. 72dB(A) - Tone 2	 Independ
Effective range:	100m @ 1KHz	
Voltages DC:	24vdc (10-30vdc), 48vdc (38-60vdc)	Approvals:
Voltages AC:	230vac (100-260vac/dc)	ATEX cert
Stage switching:	Negative or positive	EN 6007
Ingress protection:	IP66/67	 IECEx cer
Housing material:	GRP	IEC 6007
Colour:	RAL3000 Red	120 0007
	(others available on request)	Coding:
Flare:	High impact UL94 V0	• II 2G Ex c
	& 5VA FR ABS (Red)	• II 2G Ex c
Cable entries:	Dual M20 ISO	• II 2G Ex c
Terminals:	0.5 to 4.0mm ² cables.	• II 2G Ex c
Line monitoring :	Min. 500 Ohm 2w,	• II 2G Ex c
	or 3k3 Ohm 0.5w res.	
	or diode within Exd enclosure (dc versions).	
Weight :	DC: 3.35kg AC: 3.55kg	
		•

Country specific or custom tone configurations and alarm frequencies are available upon request.



Omni-directional sound output.

Automatic synchronisation on multi-sounder system.

Very large termination area.

Ratchet adjustable stainless steel 'U' bracket.

IN & OUT terminals.

Features:

Independently selectable tones for 1st & 2nd stages.

ATEX certificate: SIRA 13ATEX1139X EN 60079-0 : 2012, EN 60079-1 : 2007

IECEx certificate: IECEx SIR 13.0029X IEC 60079-0 : 2011 (Ed6), IEC 60079-1 : 2007 (Ed6)

II 2G Ex d IIC T4 Ta. -60° to +50°C II 2G Ex d IIC T3 Ta. -60° to +70°C II 2G Ex d IIB T6 Ta. -60° to +50°C II 2G Ex d IIB T5 Ta. -60° to +65°C II 2G Ex d IIB T4 Ta. -60° to +70°C

