Features

- Very large termination area.
- Ratchet adjustable stainless steel ‘U’ bracket.
- Telephone line ringing voltage switches power (115vac or 230vac) to enable sounder to operate.

Approvals

- ATEX certificate: KEMA 99ATEX6312,

  EN 60079-0 : 2006, EN 60079-1 : 2007,

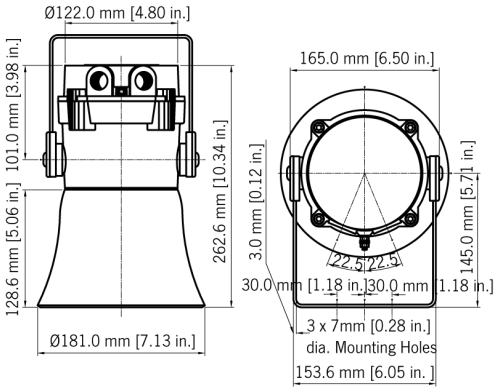
  EN 61241-0 : 2006, EN 61241-1 : 2004

- IECEx certificate: IECEx KEM 10.0003,

  IEC 60079-0 : 2004 (Ed4), IEC 60079-1 : 2007 (Ed6),

  IEC 61241-0 : 2004 (Ed1), IEC 61241-1 : 2004 (Ed1)

- GOST-R certificate: POCC GB.JB05.B03365
- Safety-integrity suitability: SIL1
- Inmetro certificate: 10-IEx-0009



Specification

Maximum output:	117dB(A) @ 1 metre [108dB(A) @ 10ft/3m]	
Nominal output:	110dB(A) @ 1m +/- 3dB – Tone 2 [101dB(A) @ 10ft/3m]	
No. of tones:	32 (UKOOA / PFEER compliant)	
Effective range:	100m/328ft @ 1KHz	
Voltages AC:	115vac; 230vac	
Ingress protection:	IP66/67	
Enclosure matl:	Marine grade copper free LM6 Aluminium	
Enclosure finish:	Chromate & powder coated – anti-corrosion.	
Colour:	RAL3000 Red (others available on request)	
BExTS110 flare:	High impact UL94 V0 & 5VA FR ABS (Red) | BExDTS110 flare:	Anti-Static High impact ABS (Black)
Cable entries:	Dual M20 ISO (one stopping plug included)	
Terminals:	0.5 – 2.5mm² (20-14 AWG)	
Enclosure volume:	<2 litres	
Weight :	3.20kg/7.04lbs	

Part Codes

Part Code:	Classification:
BExTS110D**	ATEX / IECEx: II 2G Ex d IIB T4 Ta. -50° to +70°C II 2G Ex d IIC T4 Ta. -50° to +55°C
	GOST-R: 1ExdIICT4 Ta. -50° to +55°C
BExDTS110D**	ATEX / IECEx: II 2G Ex d IIB T4 Ta. -50° to +70°C II 2G Ex d IIC T4 Ta. -50° to +55°C II 2D Ex tD A21 IP67 T115 based on a max. Ta. of 70°C
	GOST-R: 1ExdIICT4 Ta. -50° to +55°C T100°C DIP A21 Ta T4
** = Voltage reference:	
Options:	115AC, 230AC

Current Consumption

Version:		Voltage:	Current:
115V ac	50Hz/60Hz	+/-10%	110mA
230V ac	50Hz/60Hz	+/-10%	56mA

*SPL data +/-3dB(A). Measured at optimum voltage.

Tone table

S 1	Description
T 1	Continuous 1000Hz Toxic Gas Alarm
T 2	Alternating 800/1000Hz at 0.25s intervals
T 3	Slow Whoop 500/1200Hz at 0.3Hz with 0.5s gap ...
T 4	Sweeping 800/1000 at 1Hz
T 5	Continuous at 2400Hz
T 6	Sweeping 2400/2900Hz at 7Hz
T 7	Sweeping 2400/2900Hz at 1Hz
T 8	Siren 500/1200/500Hz at 0.3Hz
T 9	Sawtooth 1200/500Hz at 1Hz
T 10	Alternating 2400/2900Hz at 2Hz
T 11	Intermittent 1000Hz at 0.5Hz General alarm
T 12	Alternating 800/1000Hz at 0.875Hz
T 13	Intermittent 2400Hz at 1Hz
T 14	Intermittent 800Hz 0.25s on 1s off
T 15	Continuous at 800Hz
T 16	Intermittent 660Hz 150mS on, 150mS off
T 17	Alternating 544Hz (100mS)/440Hz(400mS)
T 18	Intermittent 660Hz 1.8s on, 1.8s off
T 19	1400Hz to 1600Hz sweep up over 1s -1600Hz to ...
T 20	Continuous 660Hz
T 21	Alternating 554/440Hz at 1Hz
T 22	Intermittent 554Hz at 0.875Hz
T 23	800Hz pulsing at 2Hz
T 24	Sweeping 800/1000Hz at 50Hz
T 25	Sweeping 2400/2900Hz at 50Hz
T 26	Simulated bell sound
T 27	Continuous 554Hz
T 28	Continuous 440Hz
T 29	Sweeping 800/1000Hz at 7Hz
T 30	420Hz repeating 0.625s on, 0.625s off Austral...
T 31	1200/500Hz at 1 Hz Prepare to Abandon Platform
T 32	Sweeping 500/1200Hz 3.75s on, 0.25s off 15Hz