

## Features

- Very large termination area.
- Ratchet adjustable stainless steel 'U' bracket.
- Sound level outputs up to 117.5dB(A) at 1 metre with

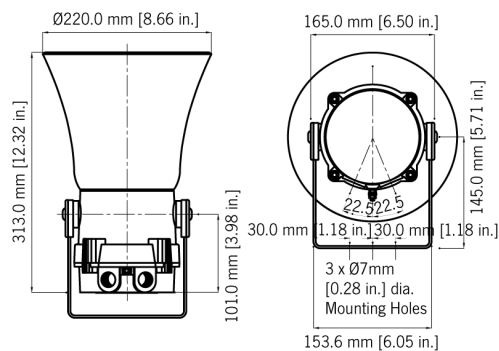
a choice of 5 alarm sounds combining the signalling power of multiple electro-mechanical products in one unit:

1. Industrial Hooter
2. High Frequency Mechanical Siren
3. Medium Frequency Mechanical Siren
4. Electro Mechanical Buzzer
5. Mechanical Bell

## 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)
- Safety integrity suitability: SIL1
- Inmetro certificate: 104Ex-0009
- GOST-R certificate: POCC GB.JB05.B03365





## Specification

Nominal output:	117.5dB(A) @ 1m +/- 3dB - Tone 4 [108.5dB(A) @ 10ft/3m]
No. of tones:	5
No. of stages:	3
Volume control:	Yes
Effective range:	200m/656ft @ 1KHz
Voltages DC:	24vdc
Voltages AC:	115vac; 230vac
Stage switching:	Negative
Ingress protection:	IP66/67
Enclosure matl:	Marine grade copper free LM6 Aluminium
Enclosure finish:	Chromate & powder coated - anti-corrosion
Colour:	RAL3000 Red or RAL7038 Grey (others available on request)
BExH 120 flare:	High impact UL94 V0 & 5VA FR ABS
BExDH 120 flare:	Anti-Static High impact ABS (Black)
Cable entries:	Dual M20 ISO (one stopping plug included)
Terminals:	0.5 - 2.5mm <sup>2</sup> (20-14 AWG)
Enclosure volume:	<2 litres
Line monitoring:	Blocking diode included EOL Min. 500 Ohm 2w, or 3k3 Ohm 0.5w resistor or diode (DC versions) can be fitted
Weight:	DC: 3.20kg/7.04lbs AC: 3.40kg/7.48lbs
*SPL data +/-3dB(A). Measured at optimum voltage.	

## Part Codes

Part Code:	Classification:
BExH 120D**-G Grey Housing & horn	ATEX / IECEx: II 2G Ex d IIB T4 Ta. -50 to +70°C II 2G Ex d IIC T4 Ta. -50 to +55°C
BExH 120D**-R Red Housing & Horn	ATEX / IECEx: II 2G Ex d IIB T4 Ta. -50 to +70°C II 2G Ex d IIC T4 Ta. -50 to +55°C
BExDH 120D**-G Grey Housing & Black Horn	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
BExDH 120D**-R Red Housing & Black Horn	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
** = Voltage reference:	
Options:	24DC, 115AC, 230AC

## Current Consumption

Voltage:		Max. I/P Volts:	Current:
24V dc		30V dc	400mA
115V ac	50/60Hz	126.5V ac	130mA
230V ac	50/60Hz	253V ac	65mA

Tone table

S 1	Description	S 2	S 3
T 1	Industrial Hooter	T 3	T 5
T 2	High Frequency Mechanical Siren	T 1	T 5
T 3	Medium Frequency Mechanical Siren	T 1	T 5
T 4	Electro Mechanical Buzzer	T 2	T 5
T 5	Mechanical Bell	T 1	T 2