

BExH120/BExDH120 'Hootronic' Alarm Horn

The flameproof BExH120 'Hootronic' Siren is suitable for Zone 1 & 2 applications. The BExH120D authentically reproduces the traditional sounds of electro-mechanical devices whilst providing a significantly higher level of performance and reliability. The BExDH120 variant is also suitable for Zone 21 & 22.

The E2S Hootronic series of products faithfully reproduce the sounds made by legacy electro-mechanical signalling devices but in a modern, reliable and cost effective way. With output levels of up to 117.5dB(A) at 1 metre the BExH120 surpasses legacy electro-mechanical devices in performance and effectiveness, it is also continuously rated, requires zero maintenance and the signal quality will not degrade with age.

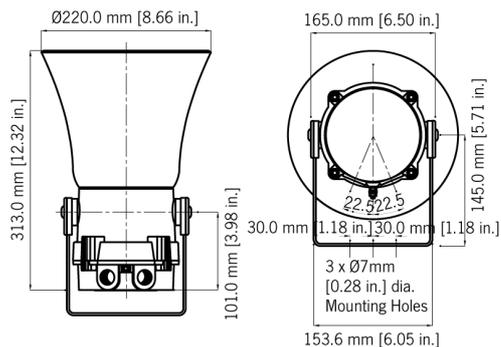
Features

- 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: 10HEx-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

Housing material: Marine grade copper free LM6 Aluminium

Housing finish: Phosphated & powder coated finish - anti-corrosion

Colour: RAL3000 Red or RAL7038 Grey (others available on request)

BExH120 flare: High impact UL94 V0 & 5VA FR ABS

BExDH120 flare: Anti-Static High impact ABS (Black)

Cable entries: Dual M20 ISO (one stopping plug included)

Terminals: 0.5 to 2.5mm² cables.

Weight: DC: 3.20kg/7.04lbs AC: 3.40kg/7.48lbs

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

Part Codes

Part Code:

BExH120D**G

Grey Housing & horn

BExH120D**R

Red Housing & Horn

BExDH120D**G

Grey Housing & Black Horn

BExDH120D**R

Red Housing & Black Horn

Classification:

ATEX / IECEx:

II 2G Ex d IIB T4 Ta. -50 to +70°C
II 2G Ex d IIC T4 Ta. -50 to +55°C

ATEX / IECEx:

II 2G Ex d IIB T4 Ta. -50 to +70°C
II 2G Ex d IIC T4 Ta. -50 to +55°C

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

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:

24V dc

115V ac

230V ac

Max. I/P Volts:

30V dc

126.5V ac

253V ac

Current:

400mA

130mA

65mA

Tonetable

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

AUTHORIZED DISTRIBUTOR:
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