

BExL15 & BExDL15 ATEX EEx 15 Watt Hazardous Area Loudspeakers



- SPL : 102dB +/-3dB @ 1w @ 1m - Pink noise
113dB +/-3dB @ 15w (rated power) @ 1m
- L15D : EEx d IIC T4 (Tamb. -50 to +55°C)
- L15E : EEx de IIC T4 (Tamb. -50 to +55°C)
- ATEX / CENELEC / FTZU / IECEx / GOST R
- Suitable for Zone 1 & 2, Gas groups IIC, IIB & IIA
- Rated power : 15 Watts RMS
- 70v line transformer version : 15w / 7.5w / 3w / 1w tapings
(z=336.67 Ohms / 653.33 Ohms / 1.6kOhms / 4.9kOhms)
- 100v line transformer version : 15w / 7.5w / 3w / 1w tapings
(z=666.87 Ohms / 1.34kOhms / 3.34kOhms / 10kOhms)
- Impedance version : 8 Ohm or 16 Ohm
- Dispersion : 120° @ 1kHz & 32° @ 4kHz
- Frequency range : 400Hz to 8000 Hz
- DC Line monitoring : 2.2uF Capacitor (Transformer version)
470uF Capacitor (Impedance version)
- L15D : IP67 L15E : IP66
- Enclosure material : Marine grade LM6 Aluminium
- Chromated & powder coated finish - good resistance to humidity and salt spray environments.
- BExL15 Horn: High impact UL94 V0 & 5VA FR ABS
- BExDL15 Horn: Anti-static High impact ABS
- Colour available : Red (RAL3000)
- Operating temperature : -50 to +55°C
- Storage temperature : -50 to +70°C
- Weight : 70/100v line : 3.45kg Low impedance : 3.10kg
- KEMA Certificate number : 99ATEX6312
- Loudspeaker thrid party tested - copy of report available on request or on line at www.e-2-s.com

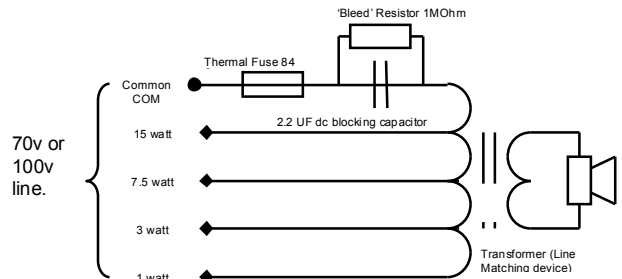


BExL15D & BExL15E
Flameproof loudspeakers
Zones 1 & 2
⊕ II 2G EEx d IIC T4
⊕ II 2G EEx de IIC T4

BExDL15D & BExDL15E
Flameproof & Dust ignition proof
Loudspeakers
Zones 1, 2, 21 & 22
⊕ II 2G/D EEx d IIC T4 T100°C
⊕ II 2G/D EEx de IIC T4 T100°C

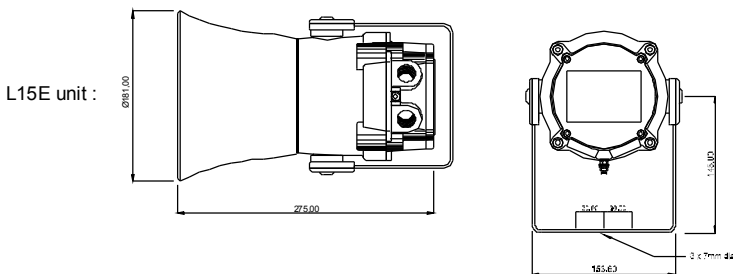
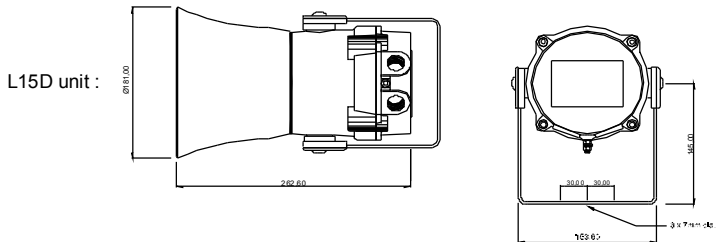
Installation Features.

- Very large termination area.
- Dual M20 ISO cable gland entries (supplied with one stopping plug).
- Ratchet adjustable stainless steel 'U' bracket for positive adjustment under harsh conditions.
- IN & OUT terminals
- Terminals accept 0.5 to 4.0mm² cables.



L15 8 & 16 Ohm low impedance:

Input : 8 Ohm Power : 15Watts I/P Volts : 10.95V
Input : 16 Ohm Power : 15Watts I/P Volts : 15.49V



All dimensions are in millimetres.



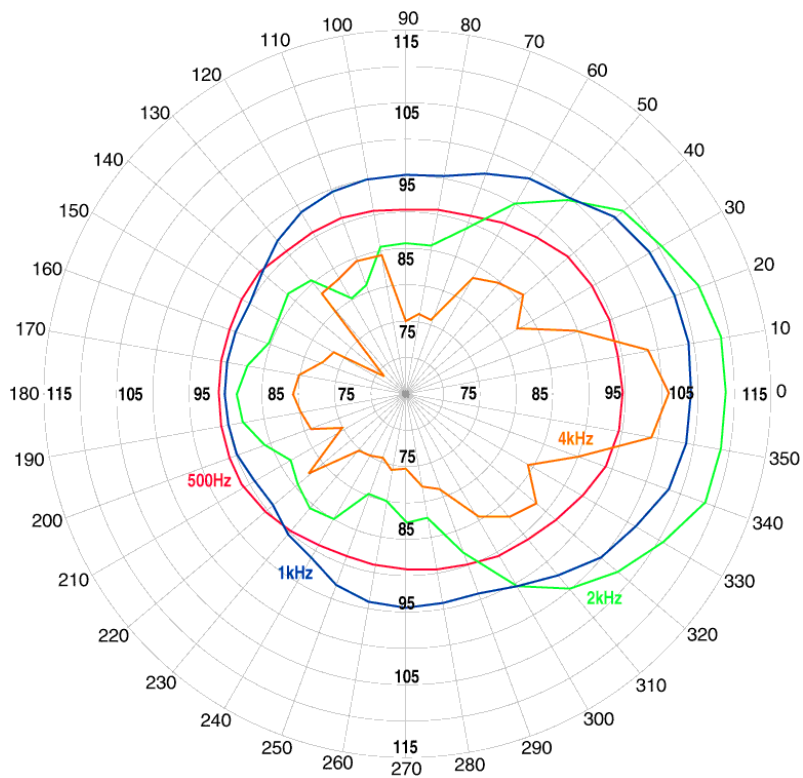
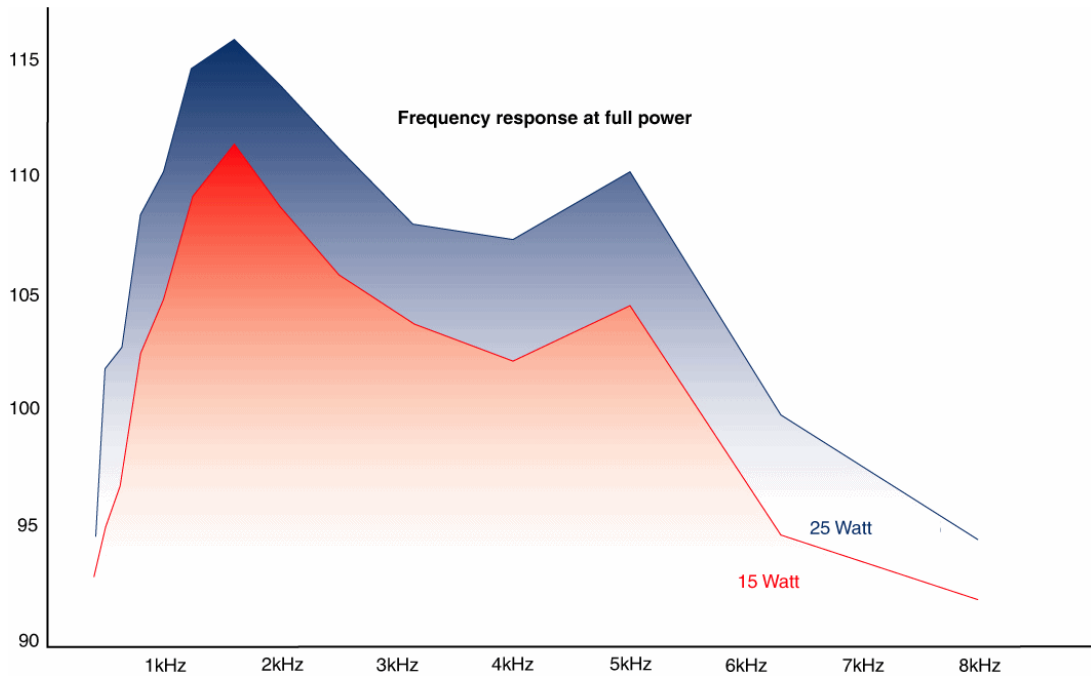
L15D unit :



L15E unit :

Also available :

- BEx(D)S110 & S120 EEx d & EEx de sounder units with output levels of 117dB(A)
- Programmable versions with 45 tones and 4 stages.
- BEx(D)A110 & A120 EEx d & EEx de Voice Annunciation units.
- BExBG EEx d & EEx de 5, 10 & 15 Joule Xenon beacons
- BEx(D)L25 watt EEx d & EEx de loudspeakers.
- BEx(D)TS110 & BExTBG05 EEx d Telephone ringers and beacons.



Multiple-unit configurations are available on stainless mounting plates. Combine 2, 3 or 4 devices - alarm sounders, loudspeakers, beacons. If required, units can be pre-wired to minimise installation time.

Ordering code :

<u>BExL15</u>	<u>D</u>	<u>70V</u>
Product	Housing	Voltage
BExL15	D = EEx d IIC	70V
BExDL15	E = EEx de IIC	100V
		8 Ohm
		16 Ohm

TSP2403-C

No liability is accepted for any consequence of the use of this document. The technical specification of this unit is subject to change without notice due to our policy of continual product development. All dimensions are approximate. This unit is sold subject to our standard conditions of sale, a copy of which is available on request.